

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

Edited by I. W. B. Nye

Volume 4

Bombycoidea

Castinoidea	Sesioidea
Cossidea	Sphingoidea
Mimallonoidea	Zygaenoidea

by D.S. Fletcher and I.W.B. Nye
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Vol. 4

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Volume 4

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Dedicated to the memory of Louis Beethoven Prout, whose notebooks and publications formed the basis of the Geometridae card indexes in the British Museum (Natural History), and to the memory of Reginald Collins who compiled the indexes with the help of Mrs Elsa B. Cummins. This catalogue is based on their very extensive preliminary work.

Editor's 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
	COCYTIIDAE	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
	EPICOPHEIDAE	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	
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Superfamily SPHINGOIDEA	SPHINGIDAE	
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Superfamily CASTNIOIDEA	CASTNIIDAE	
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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

(in preparation) [by D.S. Fletcher and I.W.B. Nye, published 30th August 1984]

Superfamily PYRALOIDAE	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	
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Superfamily TORTRICOIDEA	COCHYLIDAE	TORTRICIDAE
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Superfamily TINEOIDEA	ARRHENOPHANIDAE	OCHSENHEIMERIIDAE
	ERIOCOTTIDAE	PSEUDARBELIDAE
	GRACILLARIIDAE	PSYCHIDAE
	LYONETIDAE	TINEIDAE
Superfamily TISCHERIOIDEA	TISCHERIDAE	
Superfamily INCURVARIOIDEA	ADELIDAE	HELIOZELIDAE
	CECIDOSIDAE	INCURVARIIDAE
	CRINOPTERYGIDAE	PRODOXIDAE
Superfamily NEPTICULOIDEA	NEPTICULIDAE	
Superfamily HEPIALOIDEA	ANOMOSETIDAE	PALAEOSETIDAE
	HEPIALIDAE	PROTOTHORIDAE
	NEOTHEORIDAE	
Superfamily MNESARCHAEOIDEA	MNESARCHAEIDAE	
Superfamily NEOPSEUSTOIDEA	NEOPSEUSTIDAE	
Superfamily ERIOCRANOIDEA	ACANTHOPTEROCT ETIDAE	LOPHOCORONIDAE
	ERIOCRANIIDAE	
Superfamily AGATHIPHAGOIDEA	AGATHIPHAGIDAE	
Superfamily MICROPTERIGOIDEA	MICROPTERIGIDAE	

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Synopsis

The 2858 genus-group names of the superfamilies Bombycoidea, Castnioidea, Cossioidea, Mimallonoidea, Sesiioidea, Sphingoidea and Zygaenoidea are listed with their type-species and original bibliographical references. The means of fixation of each type-species together with its type-locality is given. New genus-group names are established for 19 junior homonyms for which no replacement names could be found, one new nominal genus is established, and 19 genera are transferred to other families. Type-species are designated for 36 nominal genera for which no previous type-species fixation could be found, new replacement names are established for two type-species, and lectotypes are designated for five type-species.

Aim, Scope and Style

The aim scope and style of this catalogue are closely similar to those defined in the first volume of this series. However, it has now been possible to include all relevant names contained in Zoological Record up to and including volume 114 published in 1980, together with names from recent works that have come to our notice up to the end of July 1981.

This fourth volume contains the genus-group names of the subfamilies Bombycoidea, Castnioidea, Cossioidea, Mimallonoidea, Sesiioidea, Sphingoidea and Zygaenoidea. The families and subfamilies included are those cited in the Editor's preface and under the heading 'Family-group names'.

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 which antedate the valid designation are listed and the reasons for their rejection are given.

Subjective synonymy of genus-group names has not been included except in cases of

- (a) a junior homonym having no objective replacement name or
- (b) two or more genera having type-species which are subjectively synonymous; such genus-group names have been cross-referenced by the phrase 'See also *Genus* Author, date'. Where the type-species of a genus is a junior subjective synonym, its senior subjective synonym and reference is also included.

Form of entries

SEQUENCE

The catalogue is arranged alphabetically. Junior homonyms, junior objective synonyms and names not nomenclaturally available are listed chronologically under their potentially valid name, and are also cross-referenced in the main alphabetical sequence.

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 2), 1975. 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.

TYPE-LOCALITIES

The place of origin, as stated in the original description, of the name-bearing type of the type-species is cited as the type-locality. If this is considered to be erroneous, a note is added. Names of countries are given in their current English form and are placed in square brackets when they have not been included with the original description. In other instances square brackets have been used to enclose the current name for a locality which is then followed, without a comma, by the originally cited name of the country or locality. Modern interpretations have not been given for originally stated localities such as 'Congo' or 'Himalaya Mountains' that comprise more than one present-day state. The spellings of modern names follow those used in *The Times Atlas of the World* (Edn 5), 1975.

UNAVAILABLE NAMES

Unavailable names (names that which are not nomenclaturally available under the provisions 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 placed, wherever possible, under their objective replacement names. Some generic homonyms were found to have no objective synonyms but it has been possible to place these as subjective synonyms of other genera by finding, in each case, a genus whose type-species we consider to be congeneric with that of the homonymous genus. There remained, however, 19 for which there was neither an objective nor a subjective replacement name; new names have therefore been proposed for these homonyms. A list of the new names has been included in a 'Summary of Names Newly Established'.

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 family-group names used in this catalogue are the oldest available suprageneric names that have been applied to each family. They 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.

BOMBYCOIDEA

ANTHELIDAE Turner, 1904, *Trans. ent. Soc. Lond.* 1904 : 479 (as Lymantriidae, Anthelinae).

APATELODIDAE Neumoegen & Dyar, 1894, *Jl. N.Y. ent. Soc.* 2 : 112, 113 (as Notodontidae, Apatelodinae).

Zanolidae McDunnough, 1938, *Mem. sth. Calif. Acad. Sci.* 1 : 138.

BOMBYCIDAE Latreille, [1802], in Sonnini, *Hist. nat. gén particulière Crustacès Insectes* 3 : 404 (as Bombycinae).

BRAHMAEIDAE Swinhoe, 1892, *Cat. east. and Aust. Lepid. Heterocera Colln Oxf. Univ. Mus.* : 253.

CARTHAEIDAE Common, 1966, *J. ent. Soc. Qd* 5 : 29.

CERCOPHANIDAE Jordan, 1924, *Novit. zool.* 31 : 181.

ENDROMIDAE Boisduval, 1828, *Eur. Lepid. Index meth.* : 50 (as Endromidi).

EUPTEROTIDAE Swinhoe, 1892, *Cat. east. and Aust. Lepid. Heterocera Colln Oxf. Univ. Mus.* 271.

LASIOCAMPIDAE Harris, 1841, *Rep. Insects Mass. injurious Vegn.* : 265 (as Lasiocampidae).

Lachneidae Grote, 1888, *Can. Ent.* 20 : 223 (as Bombycidae, Lachneinae).

LEMONIIDAE Hampson, 1918, *Novit. zool.* 25 : 367 (as Lemoniadae).

OXYTENIDAE Jordan, 1924, *Novit. zool.* 31 : 135.

SATURNIIDAE Boisduval, [1837] 1834, *Icones hist. Lépid. Eur.* 2 : 170 (as Saturnides).

AGLIINAE Packard, 1893, *Ann. Mag. nat. Hist.* (6) 11 : 172.

ARSENURINAE Jordan, 1922; *Novit. zool.* 29 : 250.

Rhesoyntinae Bouvier, 1930, *Bull. Hill Mus. Witley* 4 : 3 (as Rhescyntidae).

CERATOCAMPINAE Harris, 1841, *Rep. Insects Mass. injurious Vegn.* : 287 (as Ceratocampidae).

Dryocampinae Grote & Robinson, 1866, *Ann. Lyc. nat. Hist.* 8 : 379 (as Dryocampini).

Adelocephalinae Boisduval, 1872, *Annls Soc. ent. Belg.* 15 : [79] (as Adélocéphalides),

Burmeister, 1878, *Descr. physique République Argentine* 5 (Lepid. 1) : 485 (as Adelocephalidae).

Citheroniinae Neumoegen & Dyar, 1894, *Jl N. Y. ent. Soc.* 2 : 174 (as Citheroniidae).

Sphingicampinae Packard, 1901, *Psyche*, Camb. 9 : 280.

Syssphinginae Packard, 1914, *Mem. natn. Acad. Sci.* 12 : 1 (as Syssphingina).

HEMILEUCINAE Grote & Robinson, 1866, *Ann. Lyc. nat. Hist.* 8 : 376 (as Hemileucini).

- Dirphiinae Burmeister, 1878, *Descr. physique République Argentine* **5** (Lépid. 1) : 473 (as Dirphiadae).
 Automerinae Grote, 1896, *Mitt. Roemermus. Hildes.* **6** : 3, 27.
 LUDIINAE Aurivillius, 1904, *Ark. Zool.* **2** (4) : 21.
 Holocerinae Packard, 1914, *Mem. natn. Acad. Sci.* **12** : 144.
 SALASSINAE Michener, 1949, *Evolution* Lancaster, Pa. **3** : 130.
 SATURNIINAE Boisduval, [1837] 1834, *Icones hist. Lépid. Eur.* **2** : 170 (as Saturnides).
 Attacinae Duponchel, [1845] 1844, *Cat. méth. Lépid. Eur.* : 78 (as Attacidae). The family-group name Attacidae was validated by the International Commission Zoological Nomenclature, 1957, *Opin. Decl. int. Commn zool. Nom.* **15** (Opinion 450) : 259, and placed on the *Official List of Family-Group Names in Zoology* with the Name Number 142. Because of the enhanced status it was thus afforded, Attacidae was subsequently used by some authors in preference to Saturniidae which had had much wider use but which had not been placed on the *Official List*. However, the Commission, 1981, *Bull. zool. Nom.* **38** (Opinion 1170) : 95, placed Saturniidae on the *Official List of Family-Group Names in Zoology* with the Name Number 507. Saturniidae Boisduval [1837] is earlier than Attacidae Duponchel, [1845] and has been adopted as the valid family-group name in this catalogue. Attacinae remains available for use as a subfamily name if required.

CASTNIOIDEA

- CASTNIIDAE Boisduval, [1828], *Essai sur une Monographie des Zygenides* : 2 (as Castniaires).

COSSOIDEA

- CHRYSOPOLOMIDAE Aurivillius, 1895, *Ent. Tidskr.* **16** : 116.
 COSSIDAE Leach, [1815] 1830, in Brewster, *Edinburgh Encycl.* **9** : 131 (as Cossida).
 Zeuseridae Boisduval, 1828, *Eur. Lepid. Index meth* : 51 (as Zeuseridi).
 DALCERIDAE Dyar, 1898, *Jl N. Y. ent. Soc.* **6** : 231.
 LIMACODIDAE Duponchel, [1845] 1844, *Cat. méth. Lépid. Eur.* : 84.
 ‡Cochliopodi Boisduval, 1828, *Eur. Lepid. Index meth.* : 57. Not based on an available genus-group name and therefore unavailable under the Code Article 11(e).
 Cochliidae Grote & Robinson, 1866, *Ann. Lyc. nat. Hist.* **8** : 372.
 Heterogeneidae Meyrick, 1895, *Handbk Br. Lepid.* : 450.
 Apodidae Grote, 1896, *Mitt. Roemermus. Hildes.* **1** : [3].
 MEGALOPYGIDAE Herrich-Schäffer, 1855, *Syst. Bearbeitung Schmett. Eur.* **6** : 83 (as Megalopygina).
 Somabrachyidae Hampson, 1920, *Novit. zool.* **26** : 262 (as Somabrachidae).
 METARBELIDAE Strand, 1909, *Dt. ent. Z. Iris* **22** : 118.
 Arbelidae Hampson, [1893] 1892, *Fauna Br. India* (Moths) **1** : 10 (key), 314. The type-genus *Arbela* Moore, 1879, is a junior homonym of *Arbela* Stal, 1865; Arbelidae Hampson, [1893], is therefore invalid under the Code Article 39.
 Hollandiidae Karsch, 1896, *Ent. Nachr. Berlin.* **22** : 135 (as Hollandiiden). The type-genus *Hollandia* Karsch, 1896, is a junior homonym of *Hollandia* Butler, 1892. Hollandiidae Karsch, 1896, is therefore invalid under the Code Article 39.
 Teragridae Hampson, 1920, *Novit. zool.* **26** : 263.
 Lepidarbelidae Dalla Torre & Strand, 1923, in Strand, *Lepid. Cat.* **28** : [3].
 RATARDIDAE Hampson, 1898, *Cat. Lepid. Phalaenae Br. Mus.* **1** : 12, [16], 19.

MIMALLONOIDEA

- MIMALLONIDAE Burmeister, 1878, *Descr. physique République Argentine* **5** (Lepid.) : 495 (as Saturniidae, Mimallonidae).
 Lacosomidae Neumoegen & Dyar, 1893, *Jl N. Y. ent. Soc.* **1** : 98, 99.
 Perophoridae Packard, 1895, *Mem. natn. Acad. Sci.* **7** : 83.
 Ptochopsychidae Grote, 1896, *Mitt. Roemermus. Hildes.* **7** : [4].

SESIOIDEA

- BRACHODIDAE Agenjo, 1966, *Graellsia* **22** (Suppl.) : [45] (as Glyphipterigidae, Brachodinae).
 Atychiidae Rambur, 1866, *Cat. syst. Lépid. Andalousie* : 156 (as Atychides). The type-genus *Atychia* Latreille, 1809, is a junior homonym of *Atychia* Ochseneimer, 1808; Atychiidae Rambur, 1866, is therefore invalid under the Code Article 39.
 CHOREUTIDAE Stainton, 1859, *Manual Br. Butterflies and Moths* **2** : 157.

DUDGEONEIDAE Brock, 1971, *J. nat. Hist.* **5** : 82.
 SESIIDAE Boisduval, 1828, *Eur. Lepid. Index meth.* : [29] (as Sesiariae).
 Aegeriidae Stephens, 1829, *Nom. Br. Insects* : 39.

SPHINGOIDEA

SPHINGIDAE Latreille, [1802], in Sonnini, *Hist. nat. gen. particuliere Crustaces Insectes* **3** : 400 (as Sphingides).
 MACROGLOSSINAE Harris, 1839, *Am. J. Sci. Arts* **36** : 287 (as Macroglossiadae).
 Choerocampinae Grote & Robinson, 1865, *Proc. ent. Soc. Philad.* **5** : 153 (as Chaerocampini).
 Dilophonotinae Burmeister, 1878, *Descr. physique Republique Argentine* **5** (Lepid. 1) : 314 (as Dilophonotidae)
 Philampelinae Burmeister, 1878, *ibidem* **5** (Lepid. 1) : 314 (as Philampeliadae)
 ‡Semanophorinae Rothschild & Jordan, 1903, *Novit. zool.* **9** (Suppl.) : cxxv (as Semanophorae).
 Not based on an available genus-group name and therefore unavailable under the Code, Article 11 (e)
 SPHINGINAE Latreille, [1802], *ibidem* **3** : 400 (as Sphingides).
 Smerinthinae Grote & Robinson, 1865, *ibidem* **5** : 160 (as Smerinthini).
 Ambulicinae Butler, 1876, *Trans. zool. Soc. Lond.* **9** : 514.
 Acherontiinae Butler, 1876, *Trans. zool. Soc. Lond.* **9** : 515.
 ‡Asemanophorinae Rothschild & Jordan, 1903, *Novit. zool.* **9** (Suppl.) : cxxv (as Asemanophorae). Not based on an available genus-group name and therefore unavailable under the Code Article 11 (e).

ZYGAENOIDEA

ANOMOEOTIDAE Hering, 1937, *Revue Zool. Bot. afr.* **29** : 255 (as Zygaenidae Anomeeotinae)
 CYCLOTORNIDAE Meyrick, 1912, *Trans. ent. Soc. Lond.* **1911** : 590.
 EPIPYROPIDAE Dyar, [1903] 1902, *Proc. U.S. natn. Mus.* **52** : 359.
 HETEROGYNIDAE Rambur, 1866, *Cat. syst. Lepid. Andalousie* : 316 (as Heterogynides).
 HIMANTOPTERIDAE Rogenhofer, 1884, *Verh. zool.-bot. Ges. Wien* **33** (2) (Sber) : 23, 24. : Anomoeotinae).
 ZYGAENIDAE Latreille, 1809, *Genera Crustaceorum et Insectorum* **4** : 189 (as Zygenides).
 CHALCOSIINAE Walker, [1865] 1864, *List Specimens lepid. Insects Colln Br. Mus.* **31** : 111 (as Chalcosiidae).
 CHARIDEINAE Butler, 1876, *J. Linn. Soc. (Zool.)* **12** : 414 (as Arctiidae, Charideinae).
 Glaucopidae Harris, 1839, *Am. J. Sci.* **36** : 289, 315 (as Glaucopididae). The type-genus *Glaucopis* Fabricius, 1807, is a junior homonym of *Glaucopis* Gmelin, 1788; Glaucopidae Harris, 1839, is therefore invalid under the Code Article 39.
 Pompostolinae Jordan, 1907, *Entomologist* **40** : 125.
 PHAUDINAE Kirby, 1892, *Synonymic Cat. Lepid. Heterocera* **1** : 110.
 PROCRIDINAE Boisduval, 1828, *Eur. Lepid. Index meth.* : 38 (as Procridae).
 Pyromorphinae Herrich-Schäffer, 1855, *Syst. Bearbeitung Schmett. Eur.* **6** : 83 (as Pyromorphina). Included in the Zygaenidae, Procridae on the advice of Dr G. Tarmann, Innsbruck, Austria.
 ZYGAENINAE Latreille, 1809, *Genera Crustaceorum et Insectorum* **4** : 189 (as Zygenides).
 Anthrocerinae Westwood, 1840, *Introd. mod. Classif. Insects* **2** : 371 (as Anthroceridae).

Summary of Inter-family Transferences

The following nominal genera are transferred from one family to another.

Nominal Genus	From	To
<i>Acharia</i> Hübner, [1819]	Arctiidae	Limacodidae
<i>Arctioleptis</i> Felder & Felder, 1862	Limacodidae	Pyralidae
<i>Asbolia</i> Herrich-Schäffer, 1855	Lasiocampidae	Limacodidae
<i>Cistissa</i> Walker, 1862	Bombycidae	Megalopygidae
<i>Choreutidia</i> Sauber, 1902	Glyphipterigidae	Choreutidae

<i>Heliostibes</i> Zeller, 1874	Choreutidae	Oecophoridae
<i>Mallodeta</i> Turner, 1922	Bombycidae	Eupterotidae
<i>Prothysana</i> Walker, 1855	Bombycidae	Apatelodidae
<i>Pseudurgis</i> Meyrick, 1908	Limacodidae	Cossidae
<i>Psychargrapha</i> Walker, 1855	Psychidae	Megalopygidae
<i>Rhynchoferella</i> Strand, 1915	Limacodidae	Copromorphidae
<i>Sarvena</i> Walker, 1865	Lasiocampidae	Eupterotidae
<i>Semuta</i> Walker, 1865	Lasiocampidae	Eupterotidae
<i>Spiramiopsis</i> Hampson, 1901	Brahmaeidae	Bombycidae
<i>Subarchraeopacha</i> Dufrane, 1945	Lasiocampidae	Metarbelidae
<i>Theatrissa</i> Meyrick, 1917	Limacodidae	Cossidae
<i>Uestiudia</i> Oiticica, 1955	Castniidae	Riodinidae
<i>Westwoodia</i> Houlbert, 1918	Castniidae	Riodinidae
<i>Zolessia</i> Biezanko & Monne, 1968	Eupterotidae	Apatelodidae

Summary of Names Newly Established

The following list summarizes the junior homonyms for which new objective replacement names have been established in this catalogue.

Preoccupied name	Replacement name
<i>Bietia</i> Oberthür, 1909	<i>Magos</i> Fletcher nom. n.
<i>Brachycyttara</i> Turner, 1945	<i>Brevicyttara</i> Fletcher nom. n.
<i>Ctenocompa</i> Karsch, 1896	<i>Compactena</i> Fletcher nom. n.
<i>Cyanostola</i> Houlbert, 1918	<i>Divana</i> Miller nom. n.
<i>Cycloptera</i> Janse, 1964	<i>Cyclopterana</i> Fletcher nom. n.
<i>Diakanoffia</i> Niculescu, 1969	<i>Eudiakanoffia</i> Fletcher nom. n.
<i>Eremonoma</i> Turner, 1924	<i>Anastrolos</i> Fletcher nom. n.
<i>Gephyrophora</i> Karsch, 1896	<i>Eukarschia</i> Fletcher nom. n.
<i>Lasiochara</i> Bethune-Baker, 1904.	<i>Limacochara</i> Fletcher nom. n.
<i>Lasiomorpha</i> Turner, 1932	<i>Eriomorpha</i> Fletcher nom. n.
<i>Nepiomorpha</i> Turner, 1945	<i>Brephomorpha</i> Fletcher nom. n.
<i>Pachygonia</i> Felder, 1874	<i>Pachygonidia</i> Fletcher nom. n.
<i>Paryphanta</i> Karsch, 1896	<i>Halseyia</i> Fletcher nom. n.
<i>Perna</i> Walker, 1855	<i>Pernattia</i> Fletcher nom. n.
<i>Porthetes</i> West, 1932	<i>Westia</i> Fletcher nom. n.
<i>Psychopsis</i> Dyar, 1937	<i>Psychidocossus</i> Fletcher nom. n.
<i>Rhodosoma</i> Butler, 1876	<i>Hayesiana</i> Fletcher nom. n.
<i>Schreiteria</i> Dyar, 1937	<i>Schreiteriana</i> Fletcher nom. n.
<i>Viana</i> Walker, 1869	<i>Vianga</i> Fletcher nom. n.

In addition to the 19 objective replacement names listed above, the following new nominal genus has been established for species previously combined with a genus-group name proposed after 1930 which, although described, contained more than one species and was not accompanied by a definite fixation of a type-species; such a genus-group name is unavailable under Article 13(b) of the Code. As this name has not been made available since it was proposed, the requirements of the Code have been fulfilled in the relevant entry in this catalogue.

Unavailable name	New nominal genus
‡ <i>Neodiphthera</i> Bouvier, 1936	<i>Neodiphthera</i> Fletcher gen. n.

Two type-species were found to be primary homonyms and, as there were neither objective nor subjective synonyms that could be used as replacement names, new names have been established for these species.

Preoccupied name	Replacement name
<i>Phalaena punctigera</i> Stoll, 1790	<i>Sciathos nigropunctigera</i> Fletcher nom. n.
<i>Streblote nesea</i> Geyer, [1833]	<i>Sibine geyeri</i> Fletcher nom. n.

Dates of some Important Publications

CRAMER, P. & STOLL, C. 1775 - 1782

Uitlandsche Kapellen (Papillons exotiques), volumes 1-4.

Differences of opinion currently prevail concerning the authorship of parts of *Uitlandsche Kapellen* that were published after the death of Cramer in 1780. We have accepted the evidence and dates of publication that were published by the International Commission on Zoological Nomenclature, 1958, *Opin. Decl. int. Commn zool. Nom.* 19 (Opinion 516) : 41-43, and summarize its conclusions and the dates of the 34 parts of which the work consisted.

In Opinion 516, Appendix 3, it is stated that : 'Cramer died in 1780, but the publication of the *Uitlandsche Kapellen* was continued without interruption by his associate Caspar Stoll. At first Stoll did no more than see through the press the manuscripts left behind by Cramer, doing no more than add an occasional signed footnote. Later, however, Stoll assumed full responsibility for the text and new names published in this latter portion are accordingly attributable to Stoll and not to Cramer. The first part seen through the press by Stoll was Part 22 (containing pages 105-128 of Volume 3), on pages 107-108 and 115-116 of which there are footnotes signed by Stoll, the first which contains (: 107) a reference to the death of Cramer (here referred to as 'feu Mr P. (Framer)'). That the text of this Part was written by Cramer is shown by the numerous references in it to 'Mr Stoll' (e.g. on pp. 109, 111, 115, etc.). Similar evidence shows that the text of Parts 23-25 (comprising the remainder (pp. 129-176) of Volume 3 and the first three Signatures (Signatures A-C), comprising pp. 1-20 of Volume 4) were written by Cramer. Part 26 contained three Signatures (Signatures D-F), the first of these comprising pp. 21-28, contains a reference (: 28) to 'Heer C. Stoll' and, as noted by Sherborn, was clearly written by Cramer. On the other hand, Signature E (: 29-36) and Signature F (: 37-44) are clearly the work of Stoll, as is shown by no less than five notes inserted in the text and signed by Stoll (: 33, 34, 36, 41, 43). From page 29 of Volume 4 onwards new names should therefore be attributed to Stoll and not to Cramer. In one case only does the internal evidence on the question of authorship provided by the text affect the currently accepted dates of publication. This is in relation to Part 22, which is commonly treated as having been published in 1779, but which, owing to the reference in it on page 107 to the death of Cramer cannot have been published before 1780, the year in which Cramer died'.

Full details of the contents and dates of the parts of *Uitlandsche Kapellen*, determined from a copy in original wrappers in the BMNH and accepted by the Commission, is given in Opinion 516. A summary of the ruling is provided below.

Authorship by P. Cramer and published during his lifetime.

Parts	Pages	Plates	Date on wrappers
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Volume 1. Title-page dated 1779.

1-7	1-132	I-LXXXIV	1775
8	133-156	LXXXV-XCVI	1776

Volume 2. Title-page dated 1779.

9-16	1-152	XCVII-CXCII	1777
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Volume 3. Title-page dated 1782.

17-21	1-104	CXCIII-CCLII	1779
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Authorship by P. Cramer and published after his death by C. Stoll.

22	105-128	CCLIII-CCLXIV	1779 but published in [1780]
23-24	129-176	CCLXV-CCLXXXVIII	1780

Volume 4. Title-page dated 1782.

25-26(1)	1-28	CCLXXXIX-CCCIV	1780
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Authorship by C. Stoll.

26(2)-28	29-90	CCCV- CCCXXXVI	1780
29-31	91-164	CCCXXXVII-CCCLXXII	1781
32-34	{165-252}	CCCLXXIII-CCCC	1782
32-34	{ *1-29 }	CCCLXXIII-CCCC	1782

* This separately paged item, although sometimes bound at the beginning of volume 4, was written by Stoll.

STOLL, C. 1787 - 1790

Aanhangsel van het Werk, de Uitlandsche Kapellen (Supplément à l'Ouvragé intitulé les Papillons exotiques). Title-page dated 1791.

1	1-42	I-VIII	1787
II-V	43-[184]	IX-XLII	1790

KIRBY, W. F. 1892 [July 9]

A Synonymic Catalogue of Lepidoptera Heterocera, volume 1.

The title-page of the volume is dated 1892; copies were received in the library of the BMNH from the printers Gurney & Jackson, London, on 9 July 1892.

LATREILLE, P. A. [1802 November 6]

Histoire naturelle, générale et particulière des Crustacés et des Insectes, volume 3.

Griffin, 1938, J. Soc. Bibliophy nat. Hist. 1 : 157, has shown that volume 3 of Latreille's work was published between 22 September 1802 and 21 September 1803, the period corresponding to An XI (year 11) of the French Revolution, and not between 22 September 1801 and 21 September 1802, corresponding to An X (year 10), the date printed on the title-page of the volume.

The announcement of the publication of volume 3 of Latreille's work in An XI Brumaire 15, J. typogr. bibliophique 6 (6) : 42, has made possible a more accurate dating of the volume and has confirmed Griffin's opinion. Brumaire, the name of a month adopted in France after the Revolution was the equivalent of 23 October to 21 November; an XI Brumaire 15 would have been 1802 November 6.

OCHSENHEIMER, F. 1810 [August 31]

Die Schmetterlinge von Europa, volume 3.

The announcement of publication of volume 3 of Die Schmetterlinge von Europa was made in 1810 [April 28], Allgemeines Verzeichniss der Bucher, welche in der Frankfurter and Leipziger Ostermesse des Jahres 1810. . . sollen : 126. The Verzeichniss was published twice yearly, that for the Ostermesse [Easter Fair] on the Saturday following the Easter holiday, that for the Michaelismesse [Michaelmas Fair] 14 days before the Fair commenced. Titles for inclusion in the Ostermesse-Verzeichniss had to be

submitted at the beginning of the week preceding 'Latare' [mid-Lent Sunday], those for inclusion in the Michaelismesse-Verzeichniss by 24 August. In 1810 Easter Sunday fell on 22 April and thus the Ostermesse-Verzeichniss would have been published on 28 April.

The inclusion of volume 3 of *Die Schmetterlinge von Europa* in the Ostermesse-Verzeichniss evidently referred to a work still in press, for the preface to the volume is dated 'Juni 1810'. It is, however, reasonable to assume that publication of the volume was expected well before the end of August, otherwise the announcement of the volume's publication would have been deferred until the Michaelismesse-Verzeichniss. As no further announcement of the volume was made, we have assumed that it was published before the Michaelismesse-Verzeichniss was compiled in late August and have adopted 31 August 1810 as its date of publication.

ROMANOFF, N. M. 1892 [July 12]

Memoires sur les Lépidoptères, volume 6.

The title-page of the volume is dated 1892 but, thanks to Dr. I. M. Kerzhner of the Zoological Institute in Leningrad, it has been possible to date the publication of the volume more precisely. Dr Kerzhner has noted that Staudinger, 1901, in Staudinger & Rebel, *Cat. Lepid. palaeart. Faunengebiets* (1) : 223, dated *Charielea hedemanni* Staudinger, that was published in volume 6 of the *Mémoires*, as July 1892. In a letter dated 24 February 1978 to D. S. Fletcher, Dr Kerzhner wrote 'The volume [Memoires, volume 6] was published in the printing house of M. M. Stasiulevitsh, who was a well-known Russian historian, editor and public man. Stasiulevitsh edited a monthly magazine *Vestnik Evropy* [European Herald]. In *Vestnik Evropy* 1892, vol. IV, July on page 444 in a list of books and booklets received by the editorial office in June (Julian calendar, equals June 13 to July 12 of the Gregorian calendar) are included :

Romanoff, N. M., *Memoires sur les Lepidopteres*. T. VI, avec 16 planches coloriees. St. Pet. 92. 700 pages.

Die Macrolepidopteren des Amurgebiets. Th. 1. St. Pet. 92. 576 pages. [Separate edition of Staudinger's paper from volume VI of the *Mémoires*.]

If combined with Staudinger's data on publication in July (of Gregorian calendar) [in *Cat. Lepid. palaeart. Faunengebiets*] we receive an interval between July 1 and July 12.

No information was obtained by other searches.

In accordance with the Code, Article 21(e), which states that if a specified date of publication contained within a work is a range of dates, the work is to be dated from the latest day within that range, the date adopted in this catalogue for volume 6 of Romanoff's *Mémoires* is 1892 [July 12].

SCHRANK, F. VON P. 1802 [April 24]

Fauna boica, volume 2.

The *Fauna boica* consisted of two volumes. Volume 1 was published, complete in one part, in Nurnberg in 1798. Volume 2 was published in two parts in Ingolstadt, part 1 in 1801, part 2 in 1802. The precise date of publication of part 2 is discussed below.

The announcement of publication of part 2 of volume 2 of Schrank's work was made in 1802 [April 24], *Allgemeines Verzeichniss der Bucher, welche in der Frankfurter und Leipziger Ostermesse des 1802 Jahres . . . sollen* : 191. The *Allgemeines Verzeichniss* included titles of recently published works, of newly revised editions of previously published works and of works about to be published. The *Verzeichniss* was published twice yearly, that for the Ostermesse [Easter Fair] on the Saturday following the Easter holiday, that for the Michaelismesse [Michaelmas Fair] 14 days before the Fair commenced. Titles for inclusion in the Ostermesse-Verzeichniss had to be submitted at the beginning of the week preceding 'Latare' [mid-Lent Sunday], those for inclusion in the Michaelismesse-Verzeichniss by 24 August.

In 1802 Easter Sunday fell on 18 April. Announcement of publication of *Fauna boica* 2 (2) would then have been made on 24 April 1802.

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Alphabetical Catalogue of Genus-group Names

[The alphabetical catalogue has not been included here as all of the data are included in the database.]

Index to Species-group Names

[The index to species names has not been included here as all of the data are included in the database.]