

The Taxonomicon
Systema Naturae 2000

Classification of
Order *Lepidoptera*
(moths)
down to Family

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Universal Taxonomic Services

9 Apr 2017

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- Order Lepidoptera -

[Kingdom *Animalia*: Phylum *Arthropoda*: Class *Insecta* - moths]

Order *Lepidoptera* Linnaeus, 1758 - butterflies, moths

- 01 Genus †*Archiptilia* Handlirsch, 1939, incertae sedis
- 02 Genus †*Electrocrania* Kuznetzov, 1941, incertae sedis
- 03 Genus †*Epididontus* Handlirsch, 1939, incertae sedis
- 04 Genus †*Palaeosabatinca* Kozlov, 1988, incertae sedis
- 05 Genus †*Parataulius* Handlirsch, 1939, incertae sedis
- 06 Genus †*Phylledestes* Cockerell, 1907, incertae sedis
- 07 Genus †*Xena* Martins-Neto, 1999, incertae sedis
- 08 Family †*Archaeolepididae* Whalley, 1985, incertae sedis
- 09 Family †*Mesokristenseniidae* Huang, Nel & Minet, 2010, incertae sedis
- 10.1.1 Genus †*Auliepterix* Kozlov, 1989, incertae sedis
- 10.1.2 Family †*Eolepidopterigidae* Rasnitsyn, 1983, incertae sedis
- 10.1.3 Genus †*Karataunia* Kozlov, 1989, incertae sedis
- 10.1.4 Genus †*Palaeolepidopterix* Kozlov, 1989, incertae sedis
- 10.1.5 Genus †*Protolepis* Kozlov, 1989, incertae sedis
- 10.2.1 Family †*Undopterigidae* Kozlov, 1988, incertae sedis
- 10.2.2 Genus †*Daiopterix* Skalski, 1984, incertae sedis
- 10.2.3 Genus †*Gracilepterix* Martins-Neto & Vulcano, 1989, incertae sedis
- 10.3.1.1 Genus †*Parasabatinca* Whalley, 1978, incertae sedis
- 10.3.1.2 Suborder *Zeugloptera* Chapman, 1917
 - 1 Superfamily *Micropterigoidea* Herrich-Schäffer, 1855
 - 1 Family *Micropterigidae** Herrich-Schäffer, 1855 - mandibulate archaic moths
- 10.3.2.1 Suborder *Aglossata* Speidel, 1977
 - 1 Superfamily *Agathiphagoidea* Kristensen, 1967
 - 1 Family *Agathiphagidae** Kristensen, 1967 - Kauri moths
 - 10.3.2.2.1 Suborder *Heterobathmiina* Kristensen & Nielsen, 1983
 - 1 Superfamily *Heterobathmioidea** Kristensen & Nielsen, 1979
 - 1 Family *Heterobathmiidae** Kristensen & Nielsen, 1979 - Valdivian archaic moths
 - 10.3.2.2.2 Suborder *Glossata* Fabricius, 1775
 - 1 Infraorder *Dacnonypha* Hinton, 1946
 - 1 Superfamily *Eriocranioidea* Rebel, 1901
 - 1 Family *Eriocraniidae** Rebel, 1901 - sparkling archaic sun moths
- 2 *Coelolepida* Nielsen & Kristensen, 1996
 - 1 Infraorder *Acanthoectesia* Minet, 2002
 - 1 Superfamily *Acanthopterocetoidea* Davis, 1978
 - 1 Family *Acanthopterocetidae** Davis, 1978 - archaic sun moths
 - 2.1 Infraorder *Lophocoronina* Common, 1990
 - 1 Superfamily *Lophocoronoidea** Common, 1973
 - 1 Family *Lophocoronidae** Common, 1973 - Australian archaic sun moths
 - 2.2 *Myoglossata* Kristensen & Nielsen, 1981
 - 1 Infraorder *Neopseustina* Davis & Nielsen, 1980
 - 1 Superfamily *Neopseustoidea** Hering, 1925
 - 1 Family *Neopseustidae** Hering, 1925 - archaic bell moths
- 2 *Neolepidoptera* Packard, 1895
 - 1 Infraorder *Exoporia* Common, 1975
 - 1 Superfamily *Mnesarchaeoidea* Eyer, 1924
 - 1 Family *Mnesarchaeidae** Eyer, 1924 - New Zealand primitive moths
 - 2 Superfamily *Hepialoidea* Stephens, 1829
 - 1 Family *Palaeosetidae* Turner, 1922 - miniature ghost moths
 - 2 Family *Prototheoridae* Meyrick, 1917 - African primitive ghost moths
 - 3 Family *Neotheoridae* Kristensen, 1978 - Amazonian primitive ghost moths
 - 4 Family *Anomosetidae* Tillyard, 1919 - Australian primitive ghost moths
 - 5 Family *Hepialidae** Stephens, 1829 - ghost moths
 - 2 Infraorder *Heteroneura* Tillyard, 1918
 - 1 *Nepticulina* Meyrick, 1928
 - 1 Superfamily *Nepticuloidea** Stainton, 1854
 - 1 Family *Nepticulidae** Stainton, 1854 - pygmy moths
 - 2 Family *Opostegidae* Meyrick, 1893 - eye-cap moths
 - 2 *Eulepidoptera* Kiriakoff, 1948
 - 1 *Incurvariina* Börner, 1939
 - 1 Superfamily *Andesianoidea* Davis & Gentili, 2003
 - 1 Family *Andesianidae** Davis & Gentili, 2003
 - 2 Superfamily *Adeloidea* Bruand, 1850
 - 1 Family *Heliozelidae* Heinemann & Wocke, 1876 - shield bearer moths
 - 2 Family *Adelidae** Bruand, 1850 - longhorned fairy moths
 - 3 Family *Incurvariidae* Spuler, 1898 - leafcutter moths
 - 4 Family *Cecidosidae* Bréthes, 1916 - gall moths
 - 5 Family *Prodoxidae* Riley, 1881 - Yucca moths
 - 2.1 *Etimonotrysia* Minet, 1984
 - 1 Superfamily *Palaephatoidea* Davis, 1986
 - 1 Family *Palaephatidae** Davis, 1986 - Gondwanaland moths

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- 2 Superfamily *Tischerioidea* Spuler, 1898
 - 1 Family *Tischeriidae** Spuler, 1898 - trumpet leafminer moths
 - 2.2 *Ditrysia* Börner, 1925
 - 1 Genus *Titanomis* Meyrick, 1888, incertae sedis
 - 2 Genus group *Heliocosma group* incertae sedis
 - 3 Genus group *Pseudurgis group* incertae sedis [monophyletic?]
 - 4 Family *Millieridae* Heppner, 1982, incertae sedis
 - 5 Superfamily *Tineoidea* Latreille, 1810 [monophyletic?]
 - 1 Family *Eriocottidae* Spuler, 1898 - Old World spiny-winged moths
 - 2 Family *Psychidae* Boisduval, 1829 - bagworm moths
 - 3 Family *Tineidae** Latreille, 1810 - fungus moths
 - 6.1 Superfamily *Gracillarioidea* Stainton, 1854, sedis mutabilis
 - 1 Family *Roeslerstammiidae* Bruand, 1850
 - 2 Family *Bucculatricidae* Fracker, 1915 - ribbed-cocoon maker moths
 - 3 Family *Gracillariidae** Stainton, 1854 - leafminer moths
 - 6.2 Superfamily *Yponomeutoidea* Stephens, 1829, sedis mutabilis
 - 1.1 Family *Yponomeutidae** Stephens, 1829 - ermine moths
 - 1.2 Family *Argyresthiidae* Bruand, 1850 - shiny head-standing moths
 - 2 Family *Plutellidae* Guenée, 1845 - diamondback moths
 - 3 Family *Glyphipterigidae* Stainton, 1854 - sedge moths
 - 4 Family *Ypsolophidae* Guenée, 1845
 - 5.1 Family *Attevidae* Mosher, 1916 - tropical ermine moths
 - 5.2 Family *Praydidae* Moriuti, 1977
 - 6 Family *Heliodinidae* Heinemann & Wocke, 1876 - sun moths
 - 7.1 Family *Bedelliidae* Meyrick, 1880
 - 7.2 Family *Lyonetiidae* Stainton, 1854 - leaf skeletonizer moths
 - 6.3 *Apoditrysia* Minet, 1983, sedis mutabilis
 - 01 Family *Prodidactidae* Epstein & Brown, 2003, incertae sedis
 - 02 Family *Douglasiidae* Heinemann & Wocke, 1876, incertae sedis - Douglas moths
 - 03 Superfamily *Simaethistoidea* Minet, 1991, sedis mutabilis
 - 1 Family *Simaethistidae** Minet, 1991
 - 04 Superfamily *Gelechioidea* Stainton, 1854, sedis mutabilis
 - 01 Family *Autostichidae* Le Marchand, 1947
 - 02 Family *Lecithoceridae* Le Marchand, 1947 - tropical longhorned moths
 - 03 Family *Xyloryctidae* Meyrick, 1890
 - 04 Family *Blastobasidae* Meyrick, 1894 - scavenger moths
 - 05 Family *Oecophoridae* Bruand, 1850 - concealer moths
 - 06 Family *Schistonoeidae* Hodges, 1998
 - 07 Family *Lypusidae* Herrich-Schäffer, 1857
 - 08 Family *Chimabachidae* Heinemann, 1870
 - 09 Family *Peleopodidae* Hodges, 1974
 - 10 Family *Elachistidae* Bruand, 1850 - grass miner moths
 - 11 Family *Syringopaidae* Hodges, 1998
 - 12 Family *Coelopoetidae* Hodges, 1978
 - 13 Family *Stathmopodidae* Janse, 1917
 - 14.1.1 Family *Epimarpidae* Meyrick, 1914
 - 14.1.2 Family *Batrachedridae* Heinemann & Wocke, 1876
 - 14.2.1 Family *Coleophoridae* Bruand, 1850 - casebearer moths
 - 14.2.2 Family *Momphidae* Herrich-Schäffer, 1857 - Mompha moths
 - 14.2.3 Family *Pterolonchidae* Meyrick, 1918 - lance-wing moths
 - 15 Family *Scythrididae* Rebel, 1901 - flower moths
 - 16 Family *Cosmopterigidae* Heinemann & Wocke, 1876 - cosmet moths
 - 17 Family *Gelechiidae** Stainton, 1854 - twirler moths
 - 05.1 Superfamily *Alucitoidea* Leach, 1815
 - 1 Family *Tineodidae* Meyrick, 1885 - false plume moths
 - 2 Family *Alucitidae** Leach, 1815 - many-plumed moths
 - 05.2 Superfamily *Pterophoroidea* Latreille, 1802
 - 1 Family *Pterophoridae** Latreille, 1802 - plume moths
 - 06 Superfamily *Carposinoidea* Walsingham, 1897, sedis mutabilis
 - 1 Family *Copromorphidae* Meyrick, 1905 - tropical fruitworm moths
 - 2 Family *Carposinidae** Walsingham, 1897 - fruitworm moths
 - 07 Superfamily *Schreckensteinoidea* Fletcher, 1929, sedis mutabilis
 - 1 Family *Schreckensteiniidae** Fletcher, 1929 - bristle-legged moths
 - 08 Superfamily *Epermenioidea* Spuler, 1910, sedis mutabilis
 - 1 Family *Epermeniidae** Spuler, 1910 - fringe-tufted moths
 - 09 Superfamily *Urodoidea* Kyrki, 1988, sedis mutabilis
 - 1 Family *Urodidae** Kyrki, 1988 - false burnet moths
 - 10 Superfamily *Immoidea* Common, 1979, sedis mutabilis
 - 1 Family *Immidae** Common, 1979 - Imma moths
 - 11 Superfamily *Choreutoidea* Stainton, 1858, sedis mutabilis
 - 1 Family *Choreutidae** Stainton, 1858 - metalmark moths
 - 12 Superfamily *Galacticoidea* Minet, 1986, sedis mutabilis

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- 1 Family *Galacticidae** Minet, 1986
 - 13 Superfamily *Tortricoidea* Latreille, 1802, sedis mutabilis
 - 1 Family *Tortricidae** Latreille, 1802 - leafroller moths
 - 14.1 Superfamily *Cossoidea* Leach, 1815 [monophyletic?]
 - 1 Family *Brachodidae* Agenjo, 1966 - little bear moths
 - 2 Family *Cossidae** Leach, 1815 - carpenterworm moths
 - 3 Family *Dudgeoneidae* Berger, 1958 - Dudgeon carpenterworm moths
 - 4 Family *Metarbelidae* Strand, 1909 - tropical carpenterworm moths
 - 5 Family *Rataridae* Hampson, 1898 - Oriental Parnassian moths
 - 6 Family *Castniidae* Boisduval, 1828 - giant butterfly moths
 - 7 Family *Sesiidae* Boisduval, 1828 - clearwing moths
 - 14.2 Superfamily *Zygaenoidea* Latreille, 1809
 - 1.1 Family *Epipyropidae* Dyar, 1903 - planthopper parasite moths
 - 1.2 Family *Cyclotornidae* Meyrick, 1912 - Australian parasite moths
 - 2 Family *Heterogynidae* Rambur, 1866 - Mediterranean burnet moths
 - 3 Family *Lacturidae* Heppner, 1995 - tropical burnet moths
 - 4 Family *Phaudidae* Kirby, 1892
 - 5.1 Family *Dalceridae* Dyar, 1898 - tropical slug caterpillar moths
 - 5.2 Family *Limacodidae* Duponchel, 1845 - slug caterpillar moths
 - 6.1 Family *Megalopygidae* Herrich-Schäffer, 1855 - flannel moths
 - 6.2 Family *Aididae* Schaus, 1906
 - 7 Family *Somabrachyidae* Hampson, 1920 - Mediterranean flannel moths
 - 8 Family *Himantopteridae* Rogenhofer, 1884 - long-tailed burnet moths
 - 9 Family *Zygaenidae** Latreille, 1809 - burnet moths
 - 15 *Obtectomera* Minet, 1986, sedis mutabilis
 - 1 Superfamily *Whalleyanoidea* Minet, 1991, sedis mutabilis
 - 1 Family *Whalleyanidae** Minet, 1991
 - 2 Superfamily *Thyridoidea* Herrich-Schäffer, 1846, sedis mutabilis
 - 1 Family *Thyrididae** Herrich-Schäffer, 1846 - picture-winged leaf moths
 - 3 Superfamily *Hyblaeoidea* Hampson, 1903, sedis mutabilis
 - 1 Family *Hyblaeidae** Hampson, 1903 - teak moths
 - 4 Superfamily *Calliduloidea* Moore, 1877, sedis mutabilis
 - 1 Family *Callidulidae** Moore, 1877 - Old World butterfly moths
 - 5 Superfamily *Papilionoidea* Latreille, 1802, sedis mutabilis
 - 1 Family *Papilionidae** Latreille, 1802 - swallowtail butterflies
 - 2 Family *Hedylidae* Guenée, 1858 - American butterfly moths
 - 3 Family *Hesperiidae* Latreille, 1809 - skipper butterflies
 - 4 Family *Pieridae* Swainson, 1820 - yellow-white butterflies
 - 5 Family *Riodinidae* Grote, 1895 (1827) - metalmark butterflies
 - 6 Family *Lycaenidae* Leach, 1815 - gossamer-winged butterflies
 - 7 Family *Nymphalidae* Rafinesque, 1815 - brush-footed butterflies
 - 6 Superfamily *Pyraloidea* Latreille, 1809, sedis mutabilis
 - 1 Family *Pyralidae** Latreille, 1809 - snout moths
 - 2 Family *Crambidae* Latreille, 1810
 - 7 Superfamily *Mimallonoidea* Burmeister, 1878, sedis mutabilis
 - 1 Family *Mimallonidae** Burmeister, 1878 - sackbearer moths
 - 8 *Macroheterocera* Chapman, 1893, sedis mutabilis
 - 1 Superfamily *Drepanoidea* Boisduval, 1828, sedis mutabilis
 - 1 Family *Cimeliidae* Chrétien, 1916
 - 2 Family *Doidae* Donahue & Brown, 1987
 - 3 Family *Drepanidae** Boisduval, 1828 - hooktip moths
 - 2.1 Superfamily *Lasiocampoidea* Harris, 1841
 - 1 Family *Lasiocampidae** Harris, 1841 - lappet moths
 - 2.2 Superfamily *Bombycoidea* Latreille, 1802
 - 1 ?Genus *Allotoma* Roepke, 1944
 - 2.1 Family *Apatelodidae* Neumoegen & Dyar, 1894 - American silkworm moths
 - 2.2.1 Family *Eupterotidae* Swinhoe, 1892 - giant lappet moths
 - 2.2.2 Family *Brahmaeidae* Swinhoe, 1892 - Brahmin moths
 - 3.1.1 Family *Phiditiidae* Minet, 1994
 - 3.1.2 Family *Anthelidae* Turner, 1904 - Australian lappet moths
 - 3.1.3 Family *Carthaeidae* Common, 1966 - Australian silkworm moths
 - 3.1.4 Family *Endromidae* Boisduval, 1828 - glory moths
 - 3.2.1 Family *Bombycidae** Latreille, 1802, sedis mutabilis - silkworm moths
 - 3.2.2 Family *Saturniidae* Boisduval, 1837, sedis mutabilis - emperor moths
 - 3.2.3 Family *Sphingidae* Samouelle, 1819, sedis mutabilis - hawk moths
 - 3 Superfamily *Geometroidea* Leach, 1815, sedis mutabilis
 - 1 Family *Epicopeiidae* Swinhoe, 1892 - Oriental swallowtail moths
 - 2.1 Family *Sematuridae* Guenée, 1858 - American swallowtail moths
 - 2.2 Family *Uraniidae* Leach, 1815 - swallowtail moths
 - 3 Family *Geometridae** Leach, 1815 - geometer moths
 - 4 Superfamily *Noctuoidea* Latreille, 1809, sedis mutabilis
 - 1 Genus *Kenguichardia* Holloway, 1987, incertae sedis
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- 2 Family *Oenosandridae* Miller, 1991
- 3.1 Family *Notodontidae* Stephens, 1829 - prominent moths
- 3.2 "*quadrifids*"
 - 1 Family *Nolidae* Bruand, 1846
 - 2.1.1 Family *Euteliidae* Grote, 1882
 - 2.1.2 Family *Noctuidae* Latreille, 1809 - owlet moths
 - 2.2 Family *Erebidae* Leach, 1815

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Sources

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