Annotated check list of the Pyraloidea (Lepidoptera) of America North of Mexico

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Abstract
An annotated check list of Pyraloidea of North America north of Mexico is presented, including 861 Crambidae and 681 Pyralidae with 1542 total species. It includes all new species described, tropical species with new records in the United States, and species introduced from Europe and Asia since 1983. The Notes section provides the seminal citations, data and/or commentary to all changes since 1983 for easy and future reference. In addition, this list proposes seven new generic combinations, the transfer of a phycitine species, Salebria nigricans (Hulst), to Epipaschiinae and its syn. n. with Pococera fuscolotella (Ragonot), and three new records for the United States. Purposefully, no new taxa are described here, but we found a gradual increase of 10% in the number of species described since 1983. Finally, we also include a list of thirteen species not included or removed from the MONA list. Many higher-level changes have occurred since 1983 and the classification is updated to reflect research over the last 30 years, including exclusion of Thyrididae and Hyblaeidae from the superfamily and recognition of Crambidae and Pyralidae as separate families. The list includes multiple changes to subfamilies based on morphology such as the synonymization of the Dichogamini with the Glaphyriinae, but also incorporating recent molecular phylogenetic results such as the synonymization of the Evergestinae with the Glaphyriinae.

Keywords
Canada, United States, Pyralidae, Crambidae, faunistics, introduced species, distribution

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Introduction

This check list is an update of the Pyraloidea by Munroe (1983) and Klots (1983) in Hodges et al. (1983) (hereafter referred to as the MONA check list) that is now over 30 years old. An updated list of Pyraloidea of North America north of Mexico is greatly needed because there have been many new species described, higher-level taxonomic and nomenclatural changes, additions and deletions, new synonymies and combinations, and new introductions to the fauna since 1983.

The additional species included in this check list are from three primary sources: newly described species (Table 1), tropical species newly reported from the United States, and new introductions from Europe and Asia (Table 2). Species listed here are mostly established, breeding populations, but also include some strays and recent introductions which may not, ultimately, become established. This check list is also highly influenced by the publication in 1995 of the first check list of Neotropical pyraloids (hereafter known as the NTCL or Neotropical check list) (Munroe 1995a,b; Solis 1995; Solis, Becker and Munroe 1995; M. Shaffer and Solis 1995; J. Shaffer 1995). This list included many changes to
### Table 1. Faunal additions as new species.

| Species                          | Reference                | Note | Species            | Reference   | Note |
|----------------------------------|--------------------------|------|--------------------|-------------|------|
| Anania tennesseensis             | Yang et al. 2012         | 10   | Dioryctria inyoensis| Neunzig 2003| 278  |
| Herpetogamma sphingeaalis        | Handfield and Handfield 2011 | 40   | Dioryctria resinosella | Neunzig 2003 | 278  |
| Palpita maritima                 | Sullivan and Solis 2013  | 72   | Dioryctria ebeli    | Mutuura and Munroe 1979 | 281  |
| Schactonia thersis               | Goldstein et al. 2013    | 102  | Dioryctria merkeli  | Mutuura and Munroe 1979 | 281  |
| Eoreuma arenella                 | Blanchard and Knudson 1983a | 127  | Dioryctria yatesi   | Mutuura and Munroe 1979 | 281  |
| Diatraea mitteri                 | Solis et al. 2015        | 128  | Dioryctria yatesi   | Mutuura and Munroe 1979 | 281  |
| Neodactria glenni                | Landry and Metzler 2002  | 142  | Dioryctria westerlandi | Donahue and Neunzig 2002 | 282  |
| Neodactria daemonis              | Landry and Brown 2005    | 143  | Dioryctria fordi    | Donahue and Neunzig 2002 | 282  |
| Neodactria oktibbeha             | Landry and Brown 2005    | 143  | Dioryctria darangoensis | Mutuura and Neunzig 1986 | 283  |
| Neodactria cochisensis           | Landry and Albu 2012     | 144  | Dioryctria caesirufella | Blanchard and Knudson 1983c | 284  |
| La cerveza                       | Landry 1995              | 148  | Dioryctria taedivorella | Neunzig and Leidy 1989 | 285  |
| Parapediasia torquatella         | Landry 1995              | 151  | Lipographis unicolor | Ferris 2012b | 289  |
| Almita portalia                  | Landry 1995              | 152  | Acroncosa minima    | Neunzig 2003 | 294  |
| Almita texana                    | Landry 1995              | 152  | Passadenoides donahuei | Neunzig 2003 | 296  |
| Chrysendeton nigrescens          | Heppner 1991             | 176  | Passadenoides pullus | Neunzig 2003 | 296  |
| Petrophila heppneri              | Blanchard and Knudson 1983a | 178  | Passadenoides montanus | Ferris 2004 | 297  |
| Paragalasa exospinalis           | Solis et al. 2013        | 191  | Ancylosis balconiens | Blanchard and Knudson 1985c | 308  |
| Penthesilea s. baboquivariensis  | Solis et al. 2013        | 194  | Pulatka powelli     | Neunzig and Solis 1996 | 311  |
| Arta brevivivalis                | Solis et al. 2013        | 203  | Anderida peorinella | Blanchard and Knudson 1985b | 312  |
| Heliades lindae                  | Solis et al. 2013        | 205  | Mescinia texanica   | Neunzig 1997 | 317  |
| Acrobasis texana                 | Neunzig 1986             | 221  | Homoeosoma phaeoboreas | Goodson and Neunzig 1993 | 320  |
| Acrobasis juglanivorella         | Neunzig 1986             | 221  | Homoeosoma asylonnastes | Goodson and Neunzig 1993 | 320  |
| Acrobasis caulivorella           | Neunzig 1986             | 221  | Homoeosoma oxy cercus | Goodson and Neunzig 1993 | 320  |
| Acrobasis kylesi                 | Neunzig 1986             | 221  | Homoeosoma ammonastes | Goodson and Neunzig 1993 | 320  |
| Crocidomena imitata              | Neunzig 1990             | 232  | Homoeosoma pedon nastes | Goodson and Neunzig 1993 | 320  |
| Myelooids venustus               | Neunzig 1998             | 235  | Homoeosoma eremaphasma | Goodson and Neunzig 1993 | 320  |
| Pima ferguoni                    | Neunzig 2003             | 245  | Homoeosoma ar doliphas | Goodson and Neunzig 1993 | 320  |
| Pimodes caliginous               | Neunzig 2003             | 246  | Homoeosoma par valbum | Blanchard and Knudson 1985c | 322  |
| Species                      | Reference  | Note | Species                      | Reference  | Note |
|------------------------------|------------|------|------------------------------|------------|------|
| Ambesa dentifera             | Neunzig 2003 | 249  | Homoeosoma nanophasma        | Neunzig 2003 | 324  |
| Catastia subactualis         | Neunzig 2003 | 250  | Laetilia cinerosella         | Neunzig 1997 | 330  |
| Salebriaria borealis         | Neunzig 1988 | 252  | Laetilia bellivorella        | Neunzig 1997 | 330  |
| Salebriaria chiosensis       | Neunzig 1988 | 252  | Baphala phaeolella           | Neunzig 1997 | 333  |
| Salebriaria fasciata         | Neunzig 1988 | 252  | Zophodia multisatriella      | Blanchard and Knudson 1981 | 334  |
| Salebriaria rufimaculatella  | Neunzig 1988 | 252  | Melitana texana              | Neunzig 1997 | 336  |
| Salebriaria bella            | Neunzig 1988 | 252  | Melitana apicigemmella       | Blanchard and Knudson 1985c | 338  |
| Salebriaria grandidentalis   | Neunzig 1988 | 252  | Alberada californiensis      | Neunzig 1997 | 340  |
| Salebriaria equivoca         | Neunzig 1988 | 252  | Alberada franceloni          | Neunzig 1997 | 340  |
| Salebriaria integra          | Neunzig 1988 | 252  | Alberada candida             | Neunzig 1997 | 340  |
| Salebriaria maximella        | Neunzig 1988 | 252  | Ramatha jacumba              | Neunzig 1997 | 342  |
| Salebriaria simpliciella     | Neunzig 1988 | 252  | Selga californica            | Neunzig 1990 | 347  |
| Salebriaria carolynae        | Neunzig 1988 | 252  | Euzophera habrella           | Neunzig 1990 | 350  |
| Salebriaria squamopalpiella  | Neunzig 1988 | 252  | Euzophera vinnulella         | Neunzig 1990 | 350  |
| Salebriaria roseopunctella   | Neunzig 2003 | 253  | Ephestiodes monticolus       | Neunzig 1990 | 351  |
| Salebriaria kanaebo          | Neunzig 2003 | 253  | Ephestiodes griseus          | Neunzig 1990 | 351  |
| Salebriaria floridana        | Neunzig 2003 | 253  | Moodna palldostrinella       | Neunzig 1990 | 356  |
| Salebriaria pallidella       | Neunzig 2003 | 253  | Vitula aegerella             | Neunzig 1990 | 360  |
| Salebriaria fergusonella     | Blanchard and Knudson 1983b | 254  | Vitula insula                | Neunzig 1990 | 360  |
| Quasisealebria atratella     | Blanchard and Knudson 1985b | 255  | Vitula cocooninaea           | Neunzig 1990 | 360  |
| Quasisalebria occidentalis   | Neunzig 1988 | 258  | Volatica gallivorella        | Neunzig 1990 | 361  |
| Ortholepis baloghi           | Neunzig 2003 | 259  | Caudellia floridensis        | Neunzig 1990 | 363  |
| Meroptera anatimella         | Blanchard and Knudson 1985c | 260  | Sosipatra proximanathophila  | Neunzig 1990 | 364  |
| Meroptera nevadensis         | Neunzig 2003 | 261  | Sosipatra knudioni           | Neunzig 1990 | 364  |
| Sciota quasisubfuscella      | Neunzig 2003 | 266  | Heinrichiesa sanpetella      | Neunzig 1990 | 365  |
| Sciota californiana          | Neunzig 2003 | 266  | Rikua droozi                 | Neunzig 1990 | 366  |
| Pyla araneola                | Balogh and Wilterding 1998 | 272  | Euphestia columbia           | Neunzig 1990 | 371  |
| Pyla westerlandi             | Wilterding and Balogh 2002 | 274  | Uncitruncata leucismari      | Neunzig 2000 | 374  |
| Pyla longispina              | Neunzig 2003 | 275  | Peoria padrellae             | Blanchard 1980 | 378  |
| Pyla serrata                 | Neunzig 2003 | 275  | Peoria insularis             | Shaffer 2003 | 379  |
| Utah sanrafaelenis           | Ferris 2012a | 276  | Atascosa heitzmani           | Shaffer 1980 | 380  |
| Dioryctria hodgesi           | Neunzig 2003 | 278  | Oneida grisiella            | Solis 1991 | 393  |
| Dioryctria muricatovorella   | Neunzig 2003 | 278  | Neodavisia melusina         | Ferguson et al. 1984 | 414  |
| Dioryctria mutuurai           | Neunzig 2003 | 278  |                                |             |      |
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Table 2. Faunal additions to list as either introductions or recorded from southern states.

| Species                  | State         | Year | Origin | Reference                        | Note  |
|--------------------------|---------------|------|--------|----------------------------------|-------|
| Sarabotys cupreicostalis | Arizona       | 1974 | Southern | This paper                      | 1     |
| Sclerocona acutella      | Massachusetts | 1984 | Introduced | Wagner et al. 2003          | 2     |
| Pseudopyrausta marginalis| Texas         | 1980 | Southern | Bordelon and Knudson 2010     | 4     |
| Aponia aponianalis       | Texas         | 2010 | Southern | Bordelon 2011                  | 11    |
| Sitochroa palesdis       | Illinois      | 2002 | Introduced | Passoa et al. 2008        | 13    |
| Panacrosia repandalis    | Indiana       | 2010 | Introduced | Vargo pers. comm.            | 14    |
| Pyrausta cardinalis      | Florida       | 2010 | Southern | Hayden et al. 2011            | 19    |
| Ecyprhrorhoe paralis     | Georgia & Maryland | 2000 | Introduced | Solis et al. 2010          | 23    |
| Microthyris lelex        | Florida       | 1995 | Southern | Hayden and Dickel 2014        | 33    |
| Hilethia decostaalis     | Mississippi   | 1979 | Southern | Mather and Munroe 1992       | 42    |
| Lineodes triangulalis    | Florida       | 1991 | Southern | Hayden and Dickel 2014       | 45    |
| Lineodes elodes          | California    | 2004 | Southern | Epstein 2004                 | 46    |
| Lineodes multisignalis   | Florida       | 2013 | Southern | Covell and Hayden 2014       | 47    |
| Lineodes vulnifica       | Florida       | 1945 | Southern | Annand 1945                  | 48    |
| Lamprosema banacoidalis  | Texas         | 1973 | Southern | Blanchard and Knudson 1985   | 50    |
| Neoleucinodes torvis     | Florida       | 1984 | Southern | Hayden and Dickel 2014       | 51    |
| Nacoleia charalesis      | Florida       | 2012 | Introduced | Dixon and Anderson 2014a, Hayden and Troubridge 2015 | 57 |
| Duprechelia fovealis     | California    | 2004 | Southern | Epstein 2004                 | 58    |
| Glyphodes onychinalis    | California    | 2006 | Southern | Solis 2008                  | 63    |
| Maruca vitrata           | Florida       | 1980 | Southern | Dickel 1981                 | 64    |
| Omiodes martyralis       | Louisiana     | 1984 | Southern | Brou 1985; Brou 1994      | 68    |
| Palpita persimilis       | Florida       | 1980 | Southern | Hayden and Buss 2012       | 70    |
| Nomophila triticaalis    | Florida       | 1992 | Southern | Heppner 2011; Hayden and Dickel 2014 | 77 |
| Samea druchachalis       | Texas         | 1981 | Southern | Bordelon and Knudson 2011   | 78    |
| Cangetta micralis        | Florida       | 1975 | Southern | Hayden and Dickel 2014     | 84    |
| Eurhypoedes splendens    | Texas         | 1975 | Southern | Blanchard and Knudson 2007   | 85    |
| Sisyraena contortilinealis| Florida      | 2012 | Southern | Bugguide 2003–2015a, Hayden pers. comm. | 92 |
| Schacontia themis        | Florida       | 1984 | Southern | Goldstein et al. 2013     | 102   |
| Schacontia rosa          | Florida       | 2014 | Southern | Goldstein et al. 2013     | 103   |
| Ennomosia basilis        | Florida       | 1992 | Southern | Hayden and Dickel 2014     | 107   |
| Neomusotima conspurcatalis| Florida     | 2008 | Introduced | Boughton and Pemberton 2012 | 115   |
| Thaumatoposis digrammellus| Arizona    | 1922 | Southern | Landry 1995                | 136   |
| Panpediasia ligemellus   | Florida       | 1986 | Southern | Landry 1995                | 150   |
| Epitamyra albonaculalis  | Florida       | 2014 | Southern | Dixon and Anderson 2014b    | 190   |
| Epimorius testaceellus   | Florida       | 1974 | Southern | Ferguson 1991              | 212   |
| Stenopaschia trichopteris| Texas         | 1994 | Southern | Knudson 1996               | 213   |
| Anypipyla univitella     | Florida       | 1983 | Southern | Dickel 1988               | 231   |
| Fundella ignobilis       | Texas         | 1982 | Southern | Knudson 1983             | 238   |
| Scorylus cubensis        | Florida       | 1984 | Southern | Dickel 1987              | 239   |
| Species              | State      | Year | Origin   | Reference                  | Note          |
|----------------------|------------|------|----------|----------------------------|---------------|
| Stylopalpia luniferella | Florida    | 1985 | Southern | Dickel 1988                | 268           |
| Quasisarata subosseella | Florida    | 1981 | Southern | Dickel 1987                | 291           |
| Chorrera extricica    | Texas      | 1982 | Southern | Knudson 1983               | 298           |
| Arcola mallowi        | Florida    | 1971 | Southern | Brown and Spencer 1973     | 300           |
| Ancylostis bomboti    | Florida    | 1980 | Southern | Hayden and Dickel 2014     | 310           |
| Cassiana malacella    | Florida    | No date | Southern | Neunzig 1997              | 313           |
| Mescinia beroa        | Florida    | No date | Southern | Neunzig 1997              | 314           |
| Mescinia parvula      | Florida    | No date | Southern | Neunzig 1997              | 315           |
| Phestinia costella    | Florida    | 2011 | Southern | Solis 2011; Diaz et al. 2015 | 318         |
| Comatia torsicornis   | Florida    | 1992 | Southern | Heppner and Dickel 2008   | 319           |
| Cactoblastisactorum   | Florida    | 1989 | Introduced | Habeck and Bennett 1990 | 340           |
| Ozamia lucidalis      | Florida    | No date | Southern | Habeck and Bennett 1990   | 345           |
| Australephestiodes stictella | Florida | No date | Southern | Neunzig 1990          | 353           |
| Moodnodes plorella    | Florida    | No date | Southern | Neunzig 1990              | 355           |
| Rikua inoaxia         | South Carolina | 2002 | Southern | This paper                | 367           |
| Bethulia championella | Arizona    | 1961 | Southern | Neunzig and Solis 2006    | 368           |
| Bema neuricella       | Florida    | 1984 | Southern | Dickel 1987               | 377           |
| Milgithea trilinearis | Florida    | 1993 | Southern | Solis 1993                | 386           |
| Tallula beroella      | Arizona    | No date | Southern | This paper                | 397           |
| 'Macallid glistianalis' | Texas     | 1970s | Southern | Knudson unpub.            | 399           |

The MONA check list because it included species in America north of Mexico (indicated with an * in the NTCL) that were described mostly from U.S. states that border Mexico and could possibly extend south into the Neotropical region. In addition, the results of studying and comparing type specimens over many years by the authors resulted in many new combinations and synonymies that affected American pyraloid nomenclature.

The MONA check list was the product of a number of sequential lists of the known Pyraloidea species in the United States and Canada beginning over 100 years ago (Grote 1882, Fernald 1891 in Smith 1891, Fernald 1903 and Hulst 1903 in Dyar 1903, Barnes and McDunnough 1917, McDunnough 1939, Munroe 1983 and Klots 1983 in Hodges et al. 1983). These lists progressively added more species, with the MONA check list more than doubling the known total from 1903 (Table 3; Figure 1). The MONA check list included 807 species in the Crambidae and 567 species in the Pyralidae. To the best of our knowledge the present list is complete up to August 2015. This check list includes 861 species in the Crambidae and 681 species in the Pyralidae from North America north of Mexico, 168 more than the 1983 list and a total of 1542 species, an increase of more than 10%.

A number of workers contributed to our increased knowledge about the identity and relationships among pyraloid species in America north of Mexico after the MONA check list was published. Eugene Munroe continued to publish, along with A. Blanchard, E. C. Knudson, B. Landry, H. H. Neunzig, J. Shaffer, and M. A. Solis, most actively describing species, revising groups and adding to the North American list of pyraloids. Within the last 30 or 40 years major revisions of subfamilies that included
American species or genera included the Scopariinae (Munroe 1972a), Acentropinae (Munroe 1972b as Nymphulinae; Speidel 2005), Odontiinae (Munroe 1972b), Glaphyriinae (Munroe 1972b, 1973 including Evergestinae), Pyraustinae (Munroe 1976a,b), Crambinae (Landry 1995), Schoenobiinae (Martínez 2010) (but new names not yet published), Chrysauginae (Cashatt 1968, 1969; Solis et al. 2013), Epipaschiinae (Solís 1993), and most of the Phycitinae (Neunzig 1986, 1990, 1997, 2003; Shaffer 1968).

In addition, recent work in Europe, particularly that by Maes (1987, 1994, [2002], 2003, 2005), Leraut (1997, 2002, 2003a, 2003b, 2005a, 2005b, 2006a, 2006b, [2008],

Table 3. Number of Pyraloidea species reported in major North American lists.

| Source list                                      | Crambidae | Pyralidae | Total |
|--------------------------------------------------|-----------|-----------|-------|
| Grote 1882                                        | 248       | 79        | 327   |
| Fernald in Smith 1891                             | 294       | 280       | 574   |
| Fernald & Hulst in Dyar 1903 [1902]               | 356       | 323       | 679   |
| Barnes and McDunnough 1917                        | 501       | 455       | 956   |
| McDunnough 1939                                   | 604       | 531       | 1135  |
| Munroe & Klots in Hodges et al. 1983              | 807       | 567       | 1374  |
| Present list                                      | 861       | 681       | 1542  |
2012, 2014) and Nuss (1999, 2005), and work by contributors to the Global Information System on Pyraloidea (Nuss et al. 2003–2015), has clarified placement of many North American taxa and synonymized several genera with European genera.

We have made significant higher-order taxonomic and/or nomenclatural changes from the MONA check list to reflect Pyraloidea systematic research in the last 40 years. Most prominently this includes the removal of Thyrididae and Hyblaeidae from the Pyraloidea (Minet 1985), and splitting the Pyralidae (sensu lato) into two families, the Crambidae and Pyralidae (sensu stricto) (Minet 1982; Munroe 1983) used the informal terms of Series Crambiformes and Series Pyraliformes, but followed Minet’s division of two families in Munroe (1995a). We also have adopted the subfamily arrangement of Regier et al. (2012) based on recent molecular evidence that supported the morphological evidence or hypothesized new relationships and/or synonymies. The Pyralidae subfamilies remain the Chrysauginae, Galleriinae, Pyralinae, Epipaschiinae, and Phycitinae as in Munroe (1983), with the exception of the Peoriinae, now considered part of the Phycitinae (Minet 1982) and relegated to tribal status within the Phycitinae by Solis and Mitter (1992). In the Crambidae, there are several major changes from the MONA check list. 1) The subfamily Evergestinae is synonymized with Glaphyriinae, as the oldest name, based on Regier et al. (2012). 2) The genera in the tribe Dichogamini (in the Odontiinae in MONA) are placed in the Glaphyriinae (Munroe and Solis 1999). 3) The genera in the tribe Ambini (in the Nymphulinae in MONA) are placed in the Musotiminae (Speidel 1981). 4) The name Acentropinae is applied to the Nymphulinae (in MONA) as the oldest name for the group (Solis 1999; ICZN 2003). 5) The tribes Pyraustini and Spilomelini are elevated to subfamily level (Minet 1982). 6) The subfamily Cybalomiinae is deleted from the North American region, its lone species transferred to Glaphyriinae (Solis 2009). 7) The genera in the subfamily Ancylolomiinae (in MONA) are placed in the Crambinae (Landry 1995; Munroe 1995a). 8) The subfamily Lathrotelinae is recognized for the genus Sufetula (Minet 2015).

In this check list we give the complete synonymy as currently known for all species, and list known subspecies with synonyms, indicating where taxa are extralimital or introduced. We have reorganized many of the genera based on the NTCL (Munroe 1995a, b; Solis 1995; Solis, Becker and Munroe 1995; M. Shaffer and Solis 1995; J. Shaffer 1995) because it reflects a more recent concept of generic relationships. We have also followed Landry (1995) for the arrangement of genera in the Crambinae. We have not included the taxonomic rank of tribe because so many are not based on characters, or the tribal structure breaks down upon study of the tribe in other regions of the world. We also list described subgenera as synonyms because they are not universally applied to most of the list.

MAS has externally examined types or vouchers for much of the Western Hemisphere fauna, and we have confirmed vouchers for the recorded introductions. Researchers in other parts of the world have examined species, internally as well as externally, and, in some cases, synonymized some of the older generic names (e.g. Anania – Leraut 2005a; Tränker et al. 2009, Elophila – Yoshiyasu 1985; Speidel 2005, Hypsopygia – Leraut 2006a). In some cases when the genus was synonymized, new
combinations of species were not published. We include those combinations in this list based on the synonymies indicated in those publications. Citations for all species described since the MONA check list are included in the References, but citations for older species descriptions are not included. Taxa with a superscript number, e.g. 122, have a corresponding note in the Notes section explaining or clarifying information about that name (e.g. new synonymies, recent introductions, and discoveries regarding Neotropical taxa that extend northward). Authors and years in parentheses, e.g. (Walker 1859), indicate that the species was originally described in another genus. For all names, the original genus is listed in parentheses after the complete name (even when the same as the current genus). The original spelling of the specific epithet is used to maintain consistency with recent lists by Lafontaine and Schmidt (2010) and Poole (1996). By listing the original spelling, appropriate combinations can be formed by future authors based on the gender of any current or future generic placement following ICZN article 34.2 (ICZN 1999). Brackets around the year of publication, e.g. Walker, [1866], indicate that the year of publication has been determined to be different from that in the publication. Our synonymy includes only names associated with descriptions or emendations; we have eliminated misapplied names and misspellings that have often been listed in previous check lists. In several cases, the attribution of authorship has been corrected because the author of the name was not the same as the author of the overall publication. The most prominent of these are Ragonot, E. L. & Hampson, G. F. 1901 [November 22] (Fletcher and Nye 1984) and authorship by Cramer and/or Stoll (1779–1782) (Fletcher and Nye 1982). Nuss et al. (2003–2015) also indicate that authorship of Felder (1875) should actually be Felder, C., Felder, R. & Rogenhofer, A.F. (1875) (Fletcher and Nye 1979).

We opted not to create a new numbering system for the list, but have included the original MONA and NTCL numbers (even when a name is in new synonymy) for cross-reference to those lists. We anticipate a new numbering system will be in place when the entire North American check list becomes available on-line. When lists are numbered, the computer sorting and ordering of taxa phylogenetically becomes onerous, particularly as species are reassigned to genera or subfamilies and new species are described. In our database, we have assigned sequential numbers to superfamilies, families, subfamilies, tribes and genera, in addition to species (currently with MONA numbers and additions interpolated with decimals). Figure 2 shows a data record illustrating this system. These number assignments are for internal database use only and allow for correct hierarchical sorting to higher-level taxa while still retaining the original species numbers, allowing phylogenetic sorting rather than only alphabetic. This logic could easily be extended to subgenera or species groups, particularly for very large genera. This avoids complete renumbering of species in the database, and allows easy reference to the previous list. We intend to keep this database (maintained by BGS) current, including updates in GlobIZ (Nuss et al. 2003–2015). The database can generate an unformatted version of this check list, or export into Excel format.

We and our colleagues who study Pyraloidea are aware of other undescribed species, new synonymies, and new combinations, but we have not included these in the
Figure 2. Data record illustrating numbering system to enable phylogenetic sorting without new species numbers.

list pending publication. Molecular data have also recently been applied to species level questions in the Pyraloidea, (e.g. *Anania* – Yang et al. 2012) and we expect additional discoveries and changes to nomenclature. Small groups such as the Pyralinae, Epipaschiinae, and Galleriinae are likely to have just a handful of additional species when revised at the species level. Most future additions are likely to be in the largest subfamilies, the Spilomelinae, Crambinae, and Phycitinae where some genera remain to be described, larger genera are known to be polyphyletic (see misplaced species at the end of genera in the NTCL), and smaller genera may be paraphyletic to other gen-
era. Recent molecular work has largely supported previous morphological studies, but we expect generic concepts to experience significant changes in the future because most generic taxonomic groupings still require adequate investigation using morphological and molecular techniques.

We plan to continue updating this list, thus we welcome information on omissions, corrections, additions or updates.

### Check list

| MONA# | NTCL# |
|-------|-------|
| **PYRALOIDEA** | |
| **CRAMBIDAE** | |
| **PYRAUSTINAE** | |
| *Munroeodes* Amsel, 1957 | |
| *Munroeia* Amsel, 1956; preocc. by Marion, 1954 | |
| *thalesalis* (Walker, 1859); valid (*Botys*) | 4934 1373 |
| *Saurobotys* Munroe, 1976 | |
| *fumoferalis* (Hulst, 1886); valid (*Botis*) | 4935 |
| *futilalis* (Lederer, 1863); valid (*Botys*) | 4936 1374 |
| *a. inconstininalis* (Lederer, 1863); ssp. (*Botys*) | 4936 1374 |
| *Sarabotys* Munroe, 1964 | |
| *cupreicostalis* (Dyar, 1913); valid (*Phlyctaenodes*) | 1376 |
| *Nascia* Curtis, 1835 | |
| *acutellus* (Walker, 1866); valid (*Crambus*) | 4937 |
| *venalis* (Grote, 1878); syn. (*Botis*) | 4937 |
| *Sclerocona* Meyrick, 1890 | |
| *acutellus* (Eversmann, 1842); valid introduced (*Chilo*) | |
| *cilialis* (Herrich-Schäffer, 1849); syn. (*Duponchelia*) | |
| *tincticostellus* (Walker, 1863); syn. (*Crambus*) | |
| *a. sinensellus* (Walker, 1863); ssp. (*Crambus*) | |
| *Epicorsia* Hübner, 1818 | |
| *oedipodalis* (Guenée, 1854); valid (*Botys*) | 4938 1403 |
| *buthyrosa* (Butler, 1878); syn. (*Botys*) | 4938 1403 |
| *Pseudopyrausta* Amsel, 1956 | |
| *marginalis* (Dyar, 1914); valid (*Nacoleia*) | 1426 |
| *santatalis* (Barnes & McDunnough, 1914); valid (*Blepharomastix*) | 4939 1428 |
| *Oenobotys* Munroe, 1976 | |
| *vinotinctalis* (Hampson, 1895); valid (*Pionea*) | 4940 1433 |
texanalis Munroe & A. Blanchard, 1976; valid (Oenobotys) 4941 1434

Triuncidia Munroe, 1976
eupalusalis (Walker, 1859); valid (Botys) 4942 1436

Crocidophora Lederer, 1863
Crocidosema Lederer, 1863\(^5\)
Monocrocis Warren, 1895\(^5\)
pustuliferalis Lederer, 1863; valid (Crocidophora) 4943
serratissimalis Zeller, 1872; valid (Crocidophora) 4944
subdentalis (Grote, 1873); syn. (Botis) 4944
tuberculalis Lederer, 1863; valid (Crocidophora) 4945

Ostrinia Hübner, [1825]
Micractis Warren, 1892
Eupolemarcha Meyrick, 1937
Zeaphagus Agenjo, 1952
penitalis (Grote, 1876); valid (Botys) 4946 1438
nelumbialis (Smith, 1890); syn. (Pyrausta) 4946 1438
pyraustalis (Dyar, 1925); syn. (Tholeria) 4946 1438
a. brasiliensis Mutuura & Munroe, 1970\(^6\);
ssp. extralimital (Ostrinia) 1438
b. rubrifusa (Hampson, 1913); ssp. extralimital (Pyrausta) 1438
obumbratalis (Lederer, 1863); valid (Botys) 4947
obliteralis (Walker, [1866]); syn. (Botys) 4947
ainsliei (Heinrich, 1919); syn. (Pyrausta) 4947
marginalis (Walker, [1866]); valid (Scopula) 4948
stenopteralis (Grote, 1878); syn. (Botys) 4948
nubilalis (Hübner, 1796); valid (Pyralis) 4949
silacealis (Hübner, 1796); syn. (Pyralis) 4949
glabralis (Haworth, 1803)\(^5\); syn. (Pyralis)
appositalis (Lederer, 1858)\(^5\); syn. (Botys)
paulalis (Fuchs, 1900)\(^5\); syn. infrasubsp. (Botis)
fanalis (Costantini, 1923)\(^5\); syn. (Pyrausta)
rubescens (Kruilikovsky, 1928)\(^5\); syn. (Pyrausta)
ingnisis (Skala, 1928)\(^5\); syn. infrasubsp. (Pyrausta)
margarita (Skala, 1928)\(^5\); syn. infrasubsp. (Pyrausta)
flava (Dufrane, 1930)\(^5\); syn. infrasubsp. (Pyrausta)
mnior (Dufrane, 1930)\(^5\); syn. infrasubsp. (Pyrausta)
fuscalis (Romaniszyn, 1933)\(^5\); syn. infrasubsp. (Pyrausta)
a. mauretanica Mutuura & Munroe, 1970\(^5\);
ssp. extralimital (Ostrinia)
b. perscia Mutuura & Munroe, 1970\(^5\);
ssp. extralimital (Ostrinia)

Fumibotys Munroe, 1976
fumalis (Guéneté, 1854); valid (Ebulea) 4950
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orasalis (Walker, 1859); syn. (Scopula) 4950
badipennis (Grote, 1873); syn. (Botis) 4950

**Perispasta** Zeller, 1876
caeculalis Zeller, 1876; valid (Perispasta) 4951 1439
immixtalis Grote, 1881; syn. (Perispasta) 4951 1439

**Anania** Hübner, 1823

Palpita Hübner, 1806; rejected work, ICZN opinions 97 & 278
Phlyctaenia Hübner, 1825
Eurrhypara Hübner, 1825
Perinephela Hübner, 1825
Polycactenia Hübner, 1826
Ennychia Treitschke, 1828
Ebula Doubleday, 1849
Algedonia Lederer, 1863
Opsibotys Warren, 1890
Udonomeiga Mutuura, 1954
Trichovalva Amsel, 1956
Pronomis Munroe & Mutuura, 1968
Proteurrhypara Munroe & Mutuura, 1969
Tenerobotys Munroe & Mutuura, 1971
Mutuuraia Munroe, 1976
Nealgedonia Munroe, 1976
Ametasia M.O. Martin, 1986
Ethiobotys Maes, 1997

bortulata (Linnaeus, 1758); valid (Phalaena (Geometra)) 4952
urticata (Linnaeus, 1761); syn. (Phalaena (Geometra)) 4952
urticalis (Denis & Schiffermüller, 1775); syn. (Pyralis) 4952
flavicauda (Retzius, 1783); syn. (Phalaena)?
dissoluta (Skala, 1928); syn. infrasubsp. (Eurrhypara)
minor (Dufrane, 1957); syn. infrasubsp. (Eurrhypara)
crasipunctata (Dufrane, 1957); syn. (Eurrhypara)
tertialis (Guenée, 1854); valid (Ebula)
syringicola (Packard, 1870); syn. (Botys) 4953 1440
plectilis (Grote & Robinson, 1867); valid (Botys) 4953 1440
tennesseensis Yang, 2012; valid (Anania)
quebecensis (Munroe, 1954); valid (Phlyctaenia) 4954
leuschneri (Munroe, 1976); valid (Phlyctaenia) 4955 1441
extricalis (Guenée, 1854); valid (Botys)
intricatalis (Lederer, 1863); syn. (Botys) 4956
appilalis (Grote, 1880); syn. (Botis) 4956
a. dionalis (Walker, 1859); ssp. (Pionea)
nisoecalis (Walker, 1859); syn. (Spilodes) 4956
beddeci (Dyar, 1913); syn. (Pyrausta) 4956
mysippusalis (Walker, 1859); valid (Botys) 4957 1458
humilalis (Lederer, 1863); syn. (Botys) 4957 1458
funebris (Ström, 1768);
valid extralimital (Phalaena (Geometra)) 4958
octomaculata (Linnaeus, 1771);
syn. extralimital (Phalaena (Geometra)) 4958
funeraria (Müller, 1774); syn. extralimital (Geometra)
atralis (Fabricius, 1775); syn. extralimital (Phalaena) 4958
guttalis (Denis & Schiffermüller, 1775);
syn. extralimital (Pyralis) 4958
trigutta (Esper, 1791); syn. extralimital (Noctua) 4958
octomaculalis (Treitschke, 1829);
syn. emendation extralimital (Ennychia) 4958
assimilis (Butler, 1879); syn. extralimital (Ennychia)
astrifera (Butler, 1879); syn. extralimital (Ennychia)
reducta (Weber, 1945); syn. extralimital (Pionea)
a. glomeralis (Walker, 1859); ssp. (Ennychia) 4958
b. sabaudialis Leraut, 1996; ssp. extralimital (Anania)
labeculalis (Hulst, 1886); valid (Botis) 4959 1466
Aponia Munroe, 1964
aponianalis (H. Druce, 1899); valid (Pionea) 1478
Habnappisia Munroe, 1976
fordi (Capps, 1967); valid (Loxostege) 4960 1483
alpinensis (Capps, 1967); valid (Loxostege) 4961 1484
marculenta (Grote & Robinson, 1867); valid (Botys) 4962 1485
neomarculenta (Capps, 1967); valid (Loxostege) 4963
pseudobliteralis (Capps, 1967); valid (Loxostege) 4964 1486
neobliteralis (Capps, 1967); valid (Loxostege) 4965
jaralis (Schaus, 1920); valid (Phlyctaenodes) 4966 1487
mancalis (Lederer, 1863); valid (Botys) 4967 1488
pergilvalis (Hulst, 1886); valid (Botis) 4968 1489
cochisensis (Capps, 1967); valid (Loxostege) 4969 1490
coloradensis (Grote & Robinson, 1867); valid (Botys) 4970 1491
ramsdenalis (Schaus, 1920); valid (Phlyctaenodes) 4971 1492
huachucalis (Capps, 1967); valid (Loxostege) 4972 1493
mellinialis (Druce, 1899); valid (Epichronistis) 4973 1512
phrixalis (Dyar, 1914); syn. (Phlyctaenodes) 4973 1512
Achyra Guenée, 1849
Dosara Walker, 1859
Eurycreon Lederer, 1863
Tritaea Meyrick, 1884
bifidalis (Fabricius, 1794); valid (Phalaena) 4974 1521
centralis (Fabricius, 1794); (Phalaena)
inornatalis (Walker, [1866]); syn. (Phlyctaenodes) 4974 1521

evanidalis (Berg, 1875); syn. (Eurycreon) 4974 1521

obsoletalis (Berg, 1875); syn. (Eurycreon) 4974 1521

orbitalis (Hampson, 1899);

syn. not Felder, Felder & Rogenhofer, 1875 (Phlyctaenodes) 1521

stolidalis (Schaus, 1940); syn. (Loxostege) 4974 1521

rantalis (Guenée, 1854); valid (Nymphula) 4975 1526

siriusalis (Walker, 1859); syn. (Botys) 4975 1526

licealis (Walker, 1859); syn. (Botys) 4975 1526

murciali (Walker, 1859); syn. (Ebuulea) 4975 1526

nestusalis (Walker, 1859); syn. (Scopula) 4975 1526

diotimealis (Walker, 1859); syn. (Scopula) 4975 1526

crinisalis (Walker, 1859); syn. (Scopula) 4975 1526

intractella (Walker, 1863); syn. (Nephopteryx) 4975 1526

crinitalis (Lederer, 1863);

syn. invalid emendation (Botys (Eurycreon)) 4975 1526

posticata (Grote & Robinson, 1867); syn. (Botys) 4975 1526

subfulvalis (Herrich-Schäffer, 1871); syn. (Botys) 4975 1526

communis (Grote, 1876); syn. (Botis) 4975 1526

collucidalis (Möschler, 1890); syn. (Eurycreon) 4975 1526

visendalis (Möschler, 1890); syn. (Botys) 4975 1526

caffreii (Flint & Malloch, 1920); syn. (Pyrausta) 4975 1526

occidentalis (Packard, 1873); valid (Scopula) 4976 1527

Neobelvibotys Munroe, 1976

neobelvialis (Capps, 1967); valid (Loxostege) 4977 1532

arizonensis (Capps, 1967); valid (Loxostege) 4978 1531

polingi (Capps, 1967); valid (Loxostege) 4979 1534

Helvibotys Munroe, 1976

helvialis (Walker, 1859); valid (Spilodes) 4980 1539

thycesalis (Walker, 1859); syn. (Botys) 4980 1539

apertalis (Walker, [1866]); syn. (Botys) 4980 1539

citrina (Grote & Robinson, 1867); syn. (Botys) 4980 1539

harpalis (Herrich-Schäffer, 1871); syn. (Botys) 1539

pseudohelvialis (Capps, 1967); valid (Loxostege) 4981 1540

freemani Munroe, 1976; valid (Helvibotys) 4982 1541

pucilla (Druce, 1895); valid (Filodes) 4984 1542

subcostalis (Dyar, 1912); syn. (Lygropia) 4983 1542

Sitochroa Hübner, [1825]

Spilodes Guenée, 1849

aureolalis (Hulst, 1886); valid (Eurycreon) 4985 1544

cyralis (Druce, 1895); syn. (Pyrausta) 4985 1544

palealis (Denis & Schiffermüller, 1775) 13; valid introduced (Pyralis)
flaveolata (Hufnagel, 1767); syn. (Phalaena)  
stigmatalis (Villers, 1789); syn. (Phalaena Pyralis)  
selenalis (Hübner, 1796); syn. (Pyralis)  
algiralis (Allard, 1867); syn. (Spilodes)  
a. anaxisalis (Walker, 1859); ssp. extralimital (Botys)  
b. extremalis (Caradja, 1916); ssp. extralimital (Loxostege)  
dasconalis (Walker, 1859); valid (Spilodes)  
chortalis (Grote, 1873); valid (Eurycreon)  
Arenochroa Munroe, 1976  
flavalis (Fernald, 1894); valid (Loxostege)  
unipunctalis (Walter, 1928); syn. (Loxostege)  
Xanthostegia Munroe, 1976  
rosee terminalis (Barnes & McDunnough, 1914);  
valid (Loxostege)  
plana (Grote, 1883); valid (Prothyma)  
Sericoplaga Warren, 1892  
externalis Warren, 1892; valid (Sericoplaga)  
maclurae (Riley, 1893); syn. (Loxostege)  
Uresiphita Hübner, [1825]  
Uresiphoeta Agassiz, [1847]15; unjustified emendation  
Mecyna Guenée, 1854; preocc. Doubleday, 1849  
reversalis (Guenée, 1854); valid (Mecyna)  
hilaralis (Herrich-Schäffer, 1871); syn. (Botys)  
Paracorsia Marion, 1959  
repandalis (Denis & Schiffermüller, 1775)14;  
valid introduced (Pyralis)  
pallidalis (Hübner, 1796); syn. (Pyralis)  
Loxostege Hübner, [1825]  
Leimonia Hübner, [1825]15  
Margaritia Stephens, 18275  
Boreophila Duponchel, [1845]  
Cosmocrean Warren, 1892  
Maroa Barnes & McDunnough, 1914  
Polingia Barnes & McDunnough, 1914  
Meridiophila Marion, 196316  
Parasitochroa Hannemann, 1964  
albiceralis (Grote, 1878); valid (Botis)  
floridalis Barnes & McDunnough, 1913; valid (Loxostege)  
lepidalis (Hulst, 1886); valid (Prorasea)  
indentalis (Grote, 1883); valid (Prorasea)  
kearfottalis Walter, 1928; valid (Loxostege)  
terpnalis Barnes & McDunnough, 1918; valid (Loxostege)  
umicoloralis (Barnes & McDunnough, 1914); valid (Maroa)
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- **allectalis** (Grote, 1877); valid (Botis)  
  perplexalis (Fernald, 1885); syn. (Eurycreon)  
  **typhonalis** Barnes & McDunnough, 1914; valid (Loxostege)  
  **oberthuralis** Fernald, 1894; valid (Loxostege)  
  **egregialis** Munroe, 1976; valid (Loxostege)  
  **sticticalis** (Linnaeus, 1761); valid (Phalaena Pyralis)
  - lupulina (Clerck, 1764); syn. preocc. by L., 1758 (Pyralis)
  - miana (O.F. Müller, 1764)  
  - fuscalis (Hübner, 1796); syn. preocc. by D. & S., 1775 (Pyralis)
  - sylvata (Panzer, 1804); syn. (Pyralis)
  - tetragonalis (Haworth, 1811); syn. (Pyralis)
  - lupulinalis (Guenée, 1854); syn. emendation, part (Botys)
- **a. tenebrosa** Caradja, 1939; ssp. extralimital (Loxostege)
- **mojavealis** Capps, 1967; valid (Loxostege)  
- **kungi** Munroe, 1976; valid (Loxostege)  
- **annaphilalis** (Grote, 1881); valid (Botis)
- **immerens** (Harvey, 1875); valid (Annaphila)
  - triumphalis Grote, 1902; syn. (Loxostege)
- **quaestoralis** (Barnes & McDunnough, 1914); valid (Polingia)
  - **anartalis** (Grote, 1878); valid (Eurycreon)
    - **a. lustralis** (Hulst, 1886); ssp. (Botis)
    - **b. albertalis** Barnes & McDunnough, 1918; ssp. (Loxostege)
    - **c. saxicolalis** Barnes & McDunnough, 1918; ssp. (Loxostege)
    - **d. rainierensis** Munroe, 1976; ssp. (Loxostege)
- **ephippialis** (Zetterstedt, 1839); valid (Botys)
  - dubitaria (Zetterstedt, 1839); syn. (Psodos)
  - scandinavialis (Guenée, 1854); syn. (Boreophila)
  - frigidalis (Guenée, 1854); syn. (Boreophila)
- **thallophilalis** (Hulst, 1886); valid (Botis)
  - thrallophilalis Hulst, 1886; incorrect original spelling (Loxostege)
  - flavifimbrialis (Warren, 1892); syn. (Noctuelia)
- **brunneitincta** Munroe, 1976; valid (Loxostege)
- **offumalis** (Hulst, 1886); valid (Botis)
- **sierralis** Munroe, 1976; valid (Loxostege)
  - **a. internationalis** Munroe, 1976; ssp. (Loxostege)
  - **b. tularealis** Munroe, 1976; ssp. (Loxostege)
  - **c. sanpetealis** Munroe, 1976; ssp. (Loxostege)
- **commixtalis** (Walker, [1866]); valid (Scopula)
  - indotatellus (Walker, 1866); syn. (Crambus)
Botys Latreille, 1802

Heliaca Hübner, 1806; rejected by ICZN opinions 97 & 278
Haematia Hübner, 1818

Pyraustes Billberg, 1820; emendation
Botis Swainson, 1821; emendation

Heliaca Hübner, 1822

Tholeria Hübner, 1823

Porphyritis Hübner, [1825]
Syllythria Hübner, [1825]

Panstegia Hübner, [1825]

Perilypa Hübner, [1825]

Ostreophena Sodoffsky, 1837;
repl. name for Botis Swainson, 1821

Rhodaria Duponchel, 1844
Herbula Guenée, 1854

Synchronia Guenée, 1854
Cindaphia Lederer, 1863

Proteroeca Meyrick, 1884

Scirista Warren, 1890

Autocosmia Warren, 1892
Aplographe Warren, 1892

Anthocrypta Warren, 1892

Hyaloscia Dognin, 1908

Trigonuncus Amsel, 1952
Mardinia Amsel, 1952

Rattana Rose & Pajni, 1979

Demantrialis (Druce, 1895); valid (Blepharomastix)

Atrisquamalis Dognin, 1905; syn. (Pyrausta)

Monotonigra Amsel, 1956; syn. (Pyrausta)

Nexalis (Hulst, 1886); valid (Botis)

Concina (Warren, 1892); syn. (Autocosmia)

Sartoralis Barnes & McDunnough, 1914; valid (Pyrausta)

Roseivestalis Munroe, 1976; valid (Pyrausta)

Zonalis Barnes & McDunnough, 1918; valid (Pyrausta)

Napaealis (Hulst, 1886); valid (Paraedis)

Linealis (Fernald, 1894); valid (Loxostege)

Ochreicostalis Barnes & McDunnough, 1918; valid (Pyrausta)

Pilatealis Barnes & McDunnough, 1914; valid (Pyrausta)

Lethalis (Grote, 1881); valid (Botis)

Corinthalis Barnes & McDunnough, 1914; valid (Pyrausta)
volupialis (Grote, 1877); valid (Botis) 5029 1603
morenalis (Dyar, 1908); valid (Metasia) 5030 1605
atropurpurialis (Grote, 1877); valid (Botis) 5031 1607
nicalis (Grote, 1878); valid (Stemmatophora) 5032
uxorculalis (Hulst, 1886); syn. (Botis) 5032
subnicalis (Warren, 1892); syn. (Syllythria) 5032
grotei Munroe, 1976; valid repl. name (Pyrausta) 5033 1609
augustalis (Grote, 1881); syn. preocc. by Felder, Felder & Rogenhofer, 1875 (Botys) 5033 1609
signatalis (Walker, [1866]); valid (Rhodaria) 5034 1612
vinulenta (Grote & Robinson, 1867);
syn. repl. name (Botys) 5034 1612
medullalis (Snellen, 1899); syn. (Botys) 5035
pythialis Barnes & McDunnough, 1918; valid (Pyrausta) 5036
inveterascalis Barnes & McDunnough, 1918; valid (Pyrausta) 5036
inornatalis (Fernald, 1885); valid (Botis) 5037
rosa (Druce, 1895); syn. (Syllythria) 5037
shirleyae Munroe, 1976; valid (Pyrausta) 5038
coccinea Warren, 1892; valid (Pyrausta) 5039
bicoloralis (Guenée, 1854); valid (Asopia) 5040
augustalis (Felder, Felder & Rogenhofer, 1875); valid (Botys) 5041 1621
onythesalis (Walker, 1859); valid (Botys) 5042 1627
pseudonythesalis Munroe, 1976; valid (Pyrausta) 5043 1628
insignitalis (Guenée, 1854); valid (Rhodaria) 5044 1629
eratalis (Walker, 1859); syn. (Botys) 1629
largalis (Walker, 1859); syn. (Asopia) 1629
ordinatalis (Walker, [1866]); syn. (Scopula) 1629
aurea (Hampson, 1913); valid (Pachyzancla) 5045 1632
flavibrunnea Hampson, 1913; valid (Pyrausta) 5046 1639
klotsi Munroe, 1976; valid (Pyrausta) 5047 1641
flavofascialis (Grote, 1882); valid (Botis) 5048 1643
cardinalis (Guenée, 1854)\(^a\); valid (Sychromia) 1646
phoenicealis (Hübner) 1818; valid (Haematia) 5049 1649
flegialis (Walker, 1859); syn. (Rhodaria) 5049 1649
noraxalis (Walker, 1859); syn. (Rhodaria) 5049 1649
panopealis (Walker, 1859); valid (Rhodaria) 5050 1650
cocelialis (Walker, 1859); syn. (Botys) 5050 1650
probalis (Walker, 1859); syn. (Rhodaria) 5050 1650
ocellusalis (Walker, 1859); syn. (Rhodaria) 5050 1650
catenalis (Walker, [1866]); syn. (Rhodaria) 5050 1650
juncturalis (Walker, [1866]); syn. (Rhodaria) 5050 1650
concatenalis (Walker, [1866]); syn. (Rhodaria) 5050 1650
heliamma (Meyrick, 1885); syn. (Myriostephes) 5050 1650
rubricalis (Hübner, 1796); valid (Pyralis) 5051
  nescalis (Walker, 1859); syn. (Rhodaria) 5051
  similalis (Lederer, 1863); syn. (Botys) 5051
californicalis (Packard, 1873); valid (Botys) 5052 1652
  a. sierranalis Munroe, 1976; ssp. (Pyrausta) 5052
pseuderosnealis Munroe, 1976; valid (Pyrausta) 5053 1655
dapalis (Grote, 1881); valid (Botis) 5054 1656
bomonymalis Munroe, 1976; valid repl. name (Pyrausta) 5055
  submarginalis (Walker, [1866]);
    syn. preocc. by Walker, [1866] (Herbula?) 5055
gererosa (Grote & Robinson, 1867); valid (Botys) 5056 1657
subgererosa Munroe, 1976; valid (Pyrausta) 5057
orphbisalis Walker, 1859; valid (Pyrausta) 5058 1658
  ochosalis Dyar, 1903; syn. (Pyrausta) 5058 1658
tuolumnalis Barnes & McDunnough, 1918; valid (Pyrausta) 5059
insequalis (Guenée, 1854)20; valid (Herbula) 5060 1659
  subinsequalis (Guenée, 1854); syn. (Herbula) 5060 1659
  madetesalis (Walker, 1859); syn. (Isopteryx) 5060 1659
  repletalis (Walker, [1866]); syn. (Herbula) 5060 1659
  efficitalis (Walker, [1866]); syn. (Herbula?) 5060 1659
  graminalis (Herrich-Schäffer, 1871); syn. (Botys)
    matronalis (Grote, 1875); syn. (Botis) 5060 1659
    borealis Druce, 1895;
      syn. part, not Packard, 1867 (Pyrausta) 5060 1659
  a. plagalis Haimbach, 1908; ssp. (Pyrausta) 5060 1659
  b. fascetalis (Berg, 1874); ssp. extralimital (Botis)
    cespitalis Berg, 1875;
      syn. not D. & S., 1875 extralimital (Pyrausta) 5060 1659
  c. petaluma Munroe, 1976; ssp. (Pyrausta) 5060
borealis Packard, 186721; valid (Pyrausta) 5060
tatalis (Grote, 1877); valid (Botis) 5061 1662
retidiscalis Munroe, 1976; valid (Pyrausta) 5062 1666
andreil Munroe, 1976; valid (Pyrausta) 5063 1667
perrubralis (Packard, 1873); valid (Botys) 5064 1676
  a. saanichalis Munroe, 1951; ssp. (Pyrausta) 5064
  b. shastanalis Munroe, 1976; ssp. (Pyrausta) 5064 1676
scurralis (Hulst, 1886); valid (Botis) 5065 1677
  postrubralis Hampson, 1899; syn. (Pyrausta) 5065 1677
  a. awemealis Munroe, 1976; ssp. (Pyrausta) 5065
arizonicalis Munroe, 1976; valid (Pyrausta) 5066
  arizonensis Munroe, 1976;
    syn. preocc. by Munroe, 1957 (Pyrausta) 5066
  semirubralis (Packard, 1873); valid (Botys) 5067 1679
unifascialis (Packard, 1873); valid (Botys) 5068 1682
  obnigralis (Hulst, 1886); syn. (Botis) 5068 1682
  a. subolivalis (Packard, 1873); ssp. (Botys) 5068
  hircinalis (Grote, 1875); syn. (Botis) 5068
b. rindgei Munroe, 1957; ssp. (Pyrausta) 5068 1682
c. arizonensis Munroe, 1957; ssp. (Pyrausta) 5068 1682
tyralis (Guenée, 1854); valid (Rhodaria) 5069 1686
erosnealis Walker, 1859; syn. variety (Pyrausta) 5069 1686
agathalis (Walker, 1859); syn. (Rhodaria) 5069 1686
diffissa (Grote & Robinson, 1867); syn. (Botys) 5069 1686
bellulalis (Hulst, 1886); syn. (Botis) 5069 1686
idessa (Druce, 1895); syn. (Syllythria) 5069 1686
laticlavia (Grote & Robinson, 1867); valid (Botys) 5070 1687
cinerosa (Grote & Robinson, 1867); syn. form (Botys) 5070 1687
acrionalis (Walker, 1859); valid (Rhodaria) 5071 1688
acuphisalis (Walker, 1859); syn. (Rhodaria) 5071 1688
proceralis (Lederer, 1863); syn. (Botys) 5071 1688
rubicundalis (Lederer, 1863);
  unavailable name published in synonomy (Botys) 5071 1688
sumptuosalis Walker, [1866]; syn. (Pyrausta) 5071 1688
haruspica (Grote & Robinson, 1867); syn. (Botys) 5071 1688
rufifimbrialis (Grote, 1881); syn. (Botis) 5071 1688
obtusanalis Druce, 1899; valid (Pyrausta) 5072 1689
niveicilialis (Grote, 1875); valid (Botis) 5073
fodinalis (Lederer, 1863); valid (Botys) 5074
  a. monticola Munroe, 1976; ssp. (Pyrausta) 5074
  b. septentrionicola Munroe, 1976; ssp. (Pyrausta) 5074
socialis (Grote, 1877); valid (Botis) 5075
a. perpallidalis Munroe, 1976; ssp. (Pyrausta) 5075
antisocialis Munroe, 1976; valid (Pyrausta) 5076 1690

Hyalorista Warren, 1892
  Pyraustopsis Amsel, 1956
taeniolalis (Guenée, 1854); valid (Rhodaria) 5077 1713
directalis (Walker, [1866]); syn. (Rhodaria) 1713

Portentomorpha Amsel, 1956
  Apoecetes Munroe, 1956
  xanthialis (Guenée, 1854); valid (Botys) 5078 1717
  superbalis (Walker, [1866]); syn. (Botys) 5078 1717
  incalis (Snellen, 1875); syn. (Botys) 5078 1717
  rosealis (Möschler, 1890); syn. (Botys) 5078 1717

Daulia Walker, 185922
  Girtexta Swinhoe, 1890
  magdalena (Fernald, 1892); valid (Botys) 5295 2993
arizonensis Munroe, 1957; valid (Daulia)

Ecpyrrhorrhoe Hübner, [1825]
  Harpadispar Agenjo, 1952
  Pyraustegia Marion, 1963
  Yezobotys Munroe & Mutuura, 1969

puralis (South, 1901)\textsuperscript{23}; valid introduced (Pionea)

SPILOMELINAE\textsuperscript{24}

Phaedropsis Warren, 1890
  Trichognathos Amsel, 1956

  chromalis (Guenée, 1854); valid (Asopia)
  principialis (Lederer, 1863)\textsuperscript{25}; valid (Botys)
  stictigramma (Hampson, 1912); valid (Sylepta)

Diastictis Hübner, 1818
  Anomostictis Warren, 1892

  argyralis Hübner, 1818; valid (Diastictis)
  pseudargyralis Munroe, 1956; valid (Diastictis)
  ventralis (Grote & Robinson, 1867); valid (Botys)
    a. seamansi Munroe, 1956; ss. (Diastictis)
  fracturalis (Zeller, 1872); valid (Botis)
  holguinalis Munroe, 1956; valid (Diastictis)
  viridescens Munroe, 1956; valid (Diastictis)
  robustior Munroe, 1956; valid (Diastictis)
  sperryorum Munroe, 1956; valid (Diastictis)
  caecalis (Warren, 1892); valid (Anomostictis)

Framinghamia Strand, 1920\textsuperscript{26}

  helvalis (Walker, 1859); valid (Pionea)
    oscitalis (Grote, 1880); syn. (Botis)
    gyalis (Hulst, 1886); syn. (Botis)
    botys Strand, 1920; syn. (Framinghamia)

Lygropia Lederer, 1863
  Hyperthalia Warren, 1896\textsuperscript{27}

  fusalis Hampson, 1904\textsuperscript{28, 29, 30}; valid (Lygropia)
    hampsoni (Barnes & McDunnough, 1913); syn. (Nacoleia)
  tripunctata (Fabricius, 1794); valid (Phalaena)
    campalis (Guenée, 1854); syn. (Botys)
    cubanalis (Guenée, 1854); syn. (Botys)
  memmialis (Walker, 1859)\textsuperscript{31}; valid (Botys)
  plumbicostalis (Grote, 1871); valid (Botys)
  rivulalis Hampson, 1899\textsuperscript{29}; valid (Lygropia)
    nymphulalis (Haimbach, 1908); syn. (Blepharomastix)
  octonalis (Zeller, 1873)\textsuperscript{29, 30}; valid (Orobeta)
    sexmaculalis (Grote, 1876); syn. (Botis)

Lypotigris Hübner, [1825]
  reginalis (Stoll, 1781); valid (Phalaena)
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Microthyris Lederer, 1863

Crossophora Möschler, 1890; preocc. by Meyrick, 1883

Cyclocena Möschler, 1890

anormalis (Guenée, 1854); valid (Botys)

helcitalis (Walker, 1859); syn. (Botys)

orphnealis (Walker, 1859); syn. (Botys)

dracusalis (Walker, 1859); syn. (Botys)

subaequalis (Walker, [1866]); syn. (Botys)

prolongalis (Guenée, 1854); valid (Botys)

sectalis (Guenée, 1854); syn. (Botys)

eurytalis (Walker, 1859); syn. (Botys)

agenoralis (Walker, 1859); syn. (Botys)

lelex (Cramer, 1777); valid (Phalaena)

flexalis (Möschler, 1881); syn. (Botis)

janiralis (Möschler, 1886); syn. (Botys)

gestatalis (Möschler, 1890); syn. (Cyclocena)

foviferalis (Hampson, 1895); syn. (Haritala)

Pantographa Lederer, 1863

limata Grote & Robinson, 1867; valid (Pantographa)

suffusalis Druce, 1895; valid (Pantographa)

Phostria Hübner, [1819]

Vatica Walker, 1869

Plectroctena Snellen, 1881

Condega Moore, 1886

Saroscelis Meyrick, 1894

Plectrona Snellen, 1895

Hoplisa Snellen, 1899

Oedemataarcha Swinhoe, 1900

Parbokla Swinhoe, 1900

Antennodes Swinhoe, 1906

tedea (Stoll, 1780); valid (Phalaena Pyralis)

oajacalis (Walker, [1866]); valid (Botys)

pelialis (Felder, Felder & Rogenhofer, 1875); syn. (Botys)

Pleuroptya Meyrick, 1890

Loxoscia Warren, 1890

silicalis (Guenée, 1854); valid (Botys)

cypraealis (Walker, 1859); syn. (Botys)

sublatalis (Druce, 1895); syn. (Condylorrhiza)

sublatalis (Warren, 1889); syn. (Hapalia)

penumbralis (Grote, 1877); syn. (Sylepta)

fluctuosalis (Dyar, [1903]); syn. (Sylepta)

Syllepte Hübner, 1823

Sylepta Hübner, [1825]

Epherema Snellen, 1892
Arthriobasis Warren, 1896
Polycorys Warren, 1896
Haliotigris Warren, 1896
Nothosalbia Swinhoe, 1900
Haitufa Swinhoe, 1900
Neomabra Dognin, 1905
Troctoceras Dognin, 1905
Subhedylepta Strand, 1918

diacymalis Hampson, 1912\textsuperscript{29,30}; valid (Sylepte)

Cryptobotys Munroe, 1956
zoilusalis (Walker, 1859); valid (Botys)
hilaralis (Möschler, 1886); syn. (Botys)
micromphalis (Hampson, 1912); syn. (Syngamia)
masculinalis (Barnes & McDunnough, 1913);
syn. (Sylepta)

Herpetogramma Lederer, 1863
Pachyzancla Meyrick, 1884
Acharana Moore, [1885]
Stenomeles Warren, 1892
Piloptila Swinhoe, 1894
Pantoeocome Warren, 1896
Ptiloptila Hampson, 1899
Macrobotys Munroe, 1950
Coremataria Amsel, 1956
Culcitaria Amsel, 1957; nomen nudum

bipunctalis (Fabricius, 1794); valid (Phalaena)
detritalis (Guenée, 1854); syn. (Botys)
lycias (Walker, 1859); syn. (Botys)
philealis (Walker, 1859); syn. (Botys)
terricolas (Möschler, 1881); syn. (Botys)
repetitalis (Grote, 1882); syn. (Botys)
simplex Warren, 1892\textsuperscript{2}; syn. (Herpetogramma)?

fluctuosais (Lederer, 1863); valid (Botys)
ipomoealis (Capps, 1964); syn. (Pachyzancla)

phaeopteralis (Guenée, 1854); valid (Botys)
vecordalis (Guenée, 1854); syn. (Botys)
vestalis (Walker, 1859); syn. (Botys)
veloalas (Walker, 1859); syn. (Botys)
otreusalis (Walker, 1859); syn. (Botys)
triaria (Walker, 1859); syn. (Botys)
additalis (Walker, 1862); syn. (Botys)
plebejalas (Lederer, 1863); syn. (Botys)
cellatalas (Walker, [1866]); syn. (Botys)
inhonestalis (Walker, [1866])\textsuperscript{5}; syn. (Botys)
tridentalis (Snellen, 1872); syn. (Botys)
communalis (Snellen, 1875); syn. (Botys)
intricatalis (Möschler, 1890);
syn. preocc. by (Lederer, 1863) (Botys)
descripta (Warren, 1892)\textsuperscript{38}; syn. (Acharana)

\textit{pertextalis} (Lederer, 1863); valid (Botys)
thesealis (Zeller, 1872);
syn. part, not Lederer, 1863 (Botis)
gentilis (Grote, 1873); syn. (Botis)

\textit{abdominalis} (Zeller, 1872); valid (Botis)
fißalis (Grote, 1882); syn. (Botis)

\textit{thesealis} (Walker, 1859); valid (Botys)
magistralis (Grote, 1873); syn. (Botis)
gulosalis (Hulst, 1886); syn. (Botis)

centrostrigalis (Stephens, 1834)\textsuperscript{39}; valid (Margaritia)

\textit{theseusalis} (Walker, 1859); valid (Botys)
feudalis (Grote, 1875); syn. (Botis)
aeglealis (Walker, 1859); valid (Botys)
quinquelinealis (Grote, 1875); syn. (Botis)

\textit{sphingealis} Handfield & Handfield, 2011\textsuperscript{40};
valid (Herpetogramma)

\textbf{Hileithia} Snellen, 1875

magualis (Guenée, 1854)\textsuperscript{41}; valid (Isopteryx)
medealis (Walker, 1859); syn. (Samea)
belusalis (Walker, 1859); syn. (Botys)
curtalis (Walker, [1866]); syn. (Asopia)

decostalis (Guenée, 1854)\textsuperscript{42}; valid (Isopteryx)
melicertalis (Walker, 1859); syn. (Samea)
perseusalis (Walker, 1859); syn. (Zebronia)
appialis Snellen, 1875; syn. (Hileithia)

applicalis (Guenée, 1854)\textsuperscript{43}; valid (Isopteryx)
 xeniolalis (Hulst, 1886); syn. (Isopteryx)

rehamalis (Dyar, 1914)\textsuperscript{44}; valid (Bocchoris)
differentialis (Dyar, 1914)\textsuperscript{44}; valid (Bocchoris)

\textbf{Pilocrocis} Lederer, 1863

Anisoctena Meyrick, 1894\textsuperscript{5}
ramentalis Lederer, 1863; valid (Pilocrocis)
 perfuscalis (Hulst, 1886); syn. (Zinckenia)

\textbf{Choristostigma} Warren, 1892

Namangania Amsel, 1952

plumbosignalis (Fernald, 1888); valid (Botis)
zephyralis (Barnes & McDunnough, 1914); valid (Diasemia)
roseopennalis (Hulst, 1886); valid (Botis) 5130 1973
perpulcbralis (Hampson, 1899); valid (Ischnurges) 5131 1974
  chromophila (Dyar, 1914); syn. (Ischnurges) 5131 1974
  microchroia (Dyar, 1916); syn. (Ischnurges) 5131 1974
elegantalis Warren, 1892; valid (Choristostigma) 5132 1975
  argalis (Fernald, 1894); syn. (Metasia) 5132 1975
disputalis (Barnes & McDunnough, 1917); valid (Diasemia) 5133 1976
leucosalis (Barnes & McDunnough, 1914); valid (Diasemia) 5134 1978
Geshna Dyar, 1906
cannalis (Quaintance, 1898); valid (Hydrocampa) 5126 1980
Hydriris Meyrick, 1885
  Spanista Lederer, 1863; preocc. by Foerster, 1862
  Antiercta Amsel, 1956; repl. name
ornatalis (Duponchel, 1832); valid (Asopia) 5127 1982
  saturnalis (Treitschke, 1835); syn. (Nymphula) 5127 1982
  deciusalis (Walker, 1859); syn. (Pyralis) 5127 1982
  invenustalis (Walker, [1866]); syn. (Botys) 5127 1982
  fratema (Butler, 1875); syn. (Cataclysta) 5127 1982
  pulchellalis (Mabille, 1879)45; syn. (Stenia)
  bifascialis (Heeger, 1938); syn. (Nymphula) 5127 1982
  orientalis (Yamanaka, 1972)46; syn. (Ercta)
Lineodes Guenée, 1854
  Scoptonoma Zeller, 1873
  Ciraphorus Dyar, 1910
  fontella Walsingham, 1913; valid (Lineodes) 5106 1993
  integra (Zeller, 1873); valid (Scoptonoma) 5107 1999
  interrupta (Zeller, 1873); valid (Scoptonoma) 5108
  triangulalis Möschler, 189045; valid (Lineodes)
    cyclophora Hampson, 1913; syn. (Lineodes) 1989
  elcodes (Dyar, 1910)46; valid (Ciraphorus) 1991
  multisignalis Herrich-Schäffer, 186847; valid (Lineodes) 2006
  vulnifica Dyar, 191348; valid (Lineodes) 2016
Atomopteryx Walsingham, 1891
  Stenoptycha Zeller, 1863; preocc. by Agassiz, 1862
  Zellerina Torre y Callejas, 195849; repl. name
solanalis (Barnes & McDunnough, 1913); valid (Stenoptycha) 5110 2022
Lamprosema Hübner, 1823
  Orocala Walker, [1866]5
  lunulalis Hübner, 1823; valid (Lamprosema) 5103 2029
  victoriae Dyar, 1923; valid (Lamprosema) 5104 2032
  sinaloanensis Dyar, 1923; valid (Lamprosema) 5105 2033
  baracoalis Schaus, 192050; valid (Lamprosema) 2045
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**Neoleucinodes** Capps, 1948

*prophetica* (Dyar, 1914); valid (*Leucinodes*) 5102 2060

*minimalis* (Amsel, 1956); syn. (*Leucinodes*) 2060

*torvis* Capps, 194851; valid (*Neoleucinodes*) 2061

*pusilla* (Amsel, 1956); syn. (*Leucinodes*) 2061

**Udea** Guenée, [1845]

*Stantira* Walker, 1863

*Melanomecyna* Butler, 1883

*Mnesictena* Meyrick, 1884

*Protocolletis* Meyrick, 1888

*Protaulacistis* Meyrick, 1899

*Notophytis* Meyrick, 1932

*rubigalis* (Guenée, 1854); valid (*Scopula*) 5079 2122

*oblunalis* (Lederer, 1863); syn. (*Botys*) 5079 2122

*harveyana* (Grote, 1877); syn. (*Botis*) 5079 2122

**profundalis** (Packard, 1873); valid (*Botis*) 5080 2123

*washingtonalis* (Grote, 1882); valid (*Botis*) 5081

*invincitalis* (Hulst, 1886); syn. (*Botis*) 5081

*a. hollandi* Munroe, 1966; ssp. (*Udea*) 5081

*b. nomensis* Munroe, 1966; ssp. (*Udea*) 5081

*c. pribilofensis* Munroe, 1966; ssp. (*Udea*) 5081

*octosignalis* (Hulst, 1886); valid (*Botis*) 5082 2124

*straminea* (Warren, 1892); syn. (*Ebulea*) 5082 2124

*vacunalis* (Grote, 1881); valid (*Botis*) 5083 2125

*galactalis* (Dyar, 1925); syn. (*Pyrausta*) 5083 2125

*torvalis* (Möschler, 1864); valid (*Botys*) 5084

*gelida* (M’Lachlan, 1878); syn. (*Scoparia*) 5084

*alaskalis* (Gibson, 1920); valid (*Diasemia*) 5085

*inquinitalis* (Lienig & Zeller, 1846); valid (*Scopula*) 5086

*glacialis* (Packard, 1867); syn. (*Botis*) 5086

*albinalis* (Della Beffa, 1942); syn. (*Pionea*) 5086

**rusticalis** (Barnes & McDunnough, 1914);

valid (*Phlyctaenia*) 5087

**nordeggensis** (McDunnough, 1929); valid (*Phlyctaenia*) 5088

**berberalis** (Barnes & McDunnough, 1918);

valid (*Phlyctaenia*) 5089 2127

**indistinctalis** Warren, 1892; valid (*Udea*) 5090

*a. johnstoni* Munroe, 1966; ssp. (*Udea*) 5090

**sheppardi** (McDunnough, 1929); valid (*Phlyctaenia*) 5091

**saxifragae** (McDunnough, 1935); valid (*Phlyctaenia*) 5092

*brevipalpis* Munroe, 1966; valid (*Udea*) 5093

**cacuminicola** Munroe, 1966; valid (*Udea*) 5094

**beringialis** Munroe, 1966; valid (*Udea*) 5095
derasa Munroe, 1966; valid (*Udea*)

livida Munroe, 1966; valid (*Udea*)

turmalis (Grote, 1881); valid (*Botis*)

a. catronalis Munroe, 1966; ssp. (*Udea*)

b. tularensis Munroe, 1966; ssp. (*Udea*)

c. griseor Munroe, 1966; ssp. (*Udea*)

itysalis (Walker, 1859); valid (*Scoparia*)

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variegata (Walker, 1863); syn. (*Stantira*)

hyperborealis (Möschler, 1874); syn. (*Botys*)

similissima (Caradja, 1916); syn. form (*Pionea*)

a. mertensialis Munroe, 1966; ssp. (*Udea*)

b. tillialis (Dyar, 1904); ssp. (*Phlyctaenia*)

c. rindgeorum Munroe, 1966; ssp. (*Udea*)

d. kodiakensis Munroe, 1966; ssp. (*Udea*)

e. albimontanalis Munroe, 1966; ssp. (*Udea*)

f. durango Munroe, 1966; ssp. (*Udea*)

g. wasatchensis Munroe, 1966; ssp. (*Udea*)

b. clarkensis Munroe, 1966; ssp. (*Udea*)

i. marinensis Munroe, 1966; ssp. (*Udea*)

abstrusa Munroe, 1966; valid (*Udea*)

a. subarctica Munroe, 1966; ssp. (*Udea*)

b. cordilleralis Munroe, 1966; ssp. (*Udea*)

c. pullmanensis Munroe, 1966; ssp. (*Udea*)

radiosalis (Möschler, 1883); valid (*Botys*)

aenigmatica (Heinrich, 1931); valid (*Platytes*)

Anageshna Munroe, 1956

primordialis (Dyar, 1906); valid (*Gesbna*)

a. vividior Munroe, 1956; ssp. (*Anageshna*)

b. pallidior Munroe, 1956; ssp. (*Anageshna*)

Apogeshna Munroe, 1956

Euvalva Amsel, 1956

stenialis (Guenée, 1854); valid (*Isopteryx*)

australis (Hulst, 1886); syn. (*Hydrocampa*)

Blepharomastix Lederer, 1863

Sozoa Walker, [1866]

Ichthyoptyla Meyrick, 1936

ranalis (Guenée, 1854); valid (*Stenia*)

archiasalis (Walker, 1859); syn. (*Asopia*)

ofellusalis (Walker, 1859); syn. (*Botys*)

olliusalis (Walker, 1859); syn. (*Botys*)

strictalis (Walker, [1866]); syn. (*Botys*)

gracilis (Grote & Robinson, 1867); syn. (*Botys*)

datisalis Druce, 1895; syn. (*Blepharomastix*)

occidentalis Haimbach, 1908; syn. (*Blepharomastix*)
**pseudoranalis** (Barnes & McDunnough, 1914); valid (*Pyrausta*) 5183 2139

**potentialis** (Barnes & McDunnough, 1914)\(^{29}\); valid (*Pyrausta*) 5184

**achroalis** (Hampson, 1913)\(^{29,30}\); valid (*Pyrausta*) 5185 2217

**baedulalis** (Hulst, 1886)\(^{29,30}\); valid (*Botis*)

**astigmalis** (Hampson, 1899); syn. (*Nomophila*)

**irregularalis** (Dyar, 1913); syn. (*Nomophila*)

**schistisemalis** (Hampson, 1912)\(^{29,30}\); valid (*Nacoleia*) 5191 2215

**Desmia** Westwood, 1832

*Aediodes* Guenée, 1854

*Hyalitis* Guenée, 1854

*Arna* Walker, 1856; preocc. by Walker, 1855

**funeralis** (Hübner, 1796); valid (*Pyralis*) 5159 2245

**maculalis** Westwood, 1832; valid (*Desmia*) 5160 2246

**subdivalis** Grote, 1871; valid (*Desmia*)

**nominabilis** E. Herering, 1906; syn. (*Desmia*) 5161 2247

**ufeus** (Cramer, 1777); valid (*Phalaena Noctua*) 5162 2298

**orbalis** (Guenée, 1854); syn. (*Aediodes*)

**ufealis** (Guenée, 1854)

**prognealis** Walker, 1859; syn. (*Desmia*)

**bulisalis** Walker, 1859; syn. (*Desmia*)

**divisalis** Walker, [1866]\(^{53}\); syn. (*Desmia?*)

**viduatalis** Möschler, 1890; syn. (*Desmia*)

**tages** (Cramer, 1777); valid (*Phalaena Noctua*) 5164 2293

**tagesalis** (Guenée, 1854); syn. emendment (*Hyalitis*)

**sertorialis** Herrich-Schäffer, 1871; syn. (*Desmia*)

**stenizonalis** Hampson, 1912; valid (*Desmia*) 5165 2290

**deploralis** Hampson, 1912; valid (*Desmia*) 5166 2237

**ploralis** (Guenée, 1854); valid (*Aediodes*)

**propinqualis** Möschler, 1880\(^{54}\); syn. (*Desmia*)

**repandalis** Schaus, 1920; syn. (*Desmia*)

**desmialis** (Barnes & McDunnough, 1914); valid (*Ercta*)

**kaeberalis** (Haimbach, 1915); syn. (*Hymenia*)

**Diasemioniodes** Munroe, 1957

**janassialis** (Walker, 1859); valid (*Desmia*) 5172 2304

**hariolalis** (Hulst, 1886); syn. (*Botis*)

**nigralis** (Fernald, 1892); valid (*Pyrausta*) 5173 2303

**eudamidasalis** (Druce, 1899)\(^{29,30,55}\); valid (*Ischnurges*)

**Diasemiopsis** Munroe, 1957

**leodocusalis** (Walker, 1859); valid (*Lineodes*)

**Diatrausta** Lederer, 1863

**Tripodaula** Meyrick, 1933

**reconditalis** (Walker, 1859); valid (*Hymenia*) 5174
minualis (Walker, [1866]); syn. (Aediodes) 5174
octomaculalis Fernald, 1887; syn. (Diathrausta) 5174
**barlequinalis** Dyar, 1913; valid (Diathrausta) 5175 2312
  *a. montana* Haimbach, 1915; ssp. (Diathrausta) 5175
  *b. amaura* Munroe, 1956; ssp. (Diathrausta) 5175
  *c. lauta* Munroe, 1956; ssp. (Diathrausta) 5175 2312

**Ercta** Walker, 1859
  *vittata* (Fabricius, 1794); valid (Phalaena) 5111 2319
  *hemialis* (Gueneé, 1854); syn. (Stenia) 5111 2319
  *tipulalis* Walker, 1859; syn. (Ercta) 5111 2319
  *torquillalis* (Möschler, 1890); syn. (Euclasta) 2319
  *valsaynalis* (Kaye, 1925); syn. (Lineodes) 2319

**Hymenia** Hübner, [1825]
  *Zinckenia* Zeller, 1852
  *perspectalis* (Hübner, 1796); valid (Pyralis) 5169 2321
  *primordialis* (Zeller, 1852); syn. (Zinckenia) 5169 2321
  *exportalis* (Gueneé, 1854); syn. (Spoladea) 5169 2321
  *phrasiusalis* Walker, 1859; syn. (Hymenia) 5169 2321
  *rhinthonalis* (Walker, 1859); syn. (Desmia) 5169 2321
  *spilotalis* (Saalmüller, 1880); syn. (Spoladea) 5169 2321

**Spoladea** Gueneé, 1854
  *recurvalis* (Fabricius, 1775); valid (Phalaena) 5170 2322
  *fascialis* (Stoll, 1782); syn. (Phalaena (Pyralis)) 5170 2322
  *angustalis* (Fabricius, 1787); syn. (Phalaena) 5170 2322
  *recurvella* (Zincken, 1818); syn. emendation (Phycis) 2322
  *diffascialis* (Hübner, 1825); syn. (Hymenia) 5170 2322
  *albifacialis* (Boisduval, 1833); syn. (Hydrocampa) 5170 2322
  *animalis* Gueneé, 1854; syn. (Spoladea) 5170 2322
  *exodias* (Meyrick, 1904); syn. (Hymenia) 5170 2322
  *ancylosema* (Dognin, 1909); syn. (Nacoleia) 2322
  *formosana* (Shiraki, 1910); syn. (Odezia) 2322

**Loxostegopsis** Dyar, 1917
  *polle* Dyar, 1917; valid (Loxostegopsis) 5115 2323
  *xanthocrypta* (Dyar, 1913); valid (Pyrausta) 5116 2325
  *merrickalis* (Barnes & McDunnough, 1918); valid (Pyrausta) 5117
  *emigralis* (Barnes & McDunnough, 1918); valid (Pyrausta) 5118 2326
  *curialis* Barnes & McDunnough, 1918; valid (Loxostegopsis) 5119 2327

**Nacoleia** Walker, 1859
  *Semioceros* Meyrick, 1884
  *Aplomastix* Warren, 1890
  *Orthocona* Warren, 1896
  *charesalis* (Walker, 1859); valid introduced (Botys) 57
  *molusalis* (Walker, 1859); syn. (Botys)
vetustalis (Strand, 1918); syn. (Lampridia)
argillitis (Turner, 1937); syn. (Sylepta)
delhommealis (Legrand, 1966); syn. (Psara)

**Penestola** Möschler, 1890

- **bufalis** (Guenée, 1854); valid (Stenia) 5179 2328
  - plebeialis (Walker, [1866]); syn. preocc. by Lederer, 1863 (Botys) 2328
  - praeficalis Möschler, 1890; syn. (Penestola) 5179 2328
- **simplicialis** (Barnes & McDunnough, 1913); valid (Piletocera) 5180 2330

**Duponchelia** Zeller, 1847

- **fovealis** Zeller, 184758; valid introduced (Duponchelia)
  - canualalis (Millière, 1868); syn. (Stenia)
  - eanuisalis Millière, 1869; syn. (Duponchelia?) misspelling?
  - griseata (Butler, 1875); syn. (Hymenia)
  - uniflexalis (Mabille, 1879); syn. (Stenia)
  - komiensis (Ghesquiére, 1942); syn. (Decticogaster)
  - floeschlalis Legrand, 1965; syn. (Duponchelia)

**Steniodes** Snellen, 1875

- Heringia Hedemann, 1894; preocc. by Rondani, 1856
- Heringiella Berg, 1898; repl. name
- Scaecoerandra Meyrick, 1936

- mendica (Hedemann, 1894); valid (Heringia) 5178 2348
  - indianalis (Dyar, 1914); syn. (Stenia) 5178 2348
  - ceddalis (Schaus, 1924); syn. (Stenia) 2348

**Antigastra** Lederer, 1863

- catalaunalis (Duponchel, 1833); valid (Botys) 5181 2375
  - venosalis (Walker, [1866]); syn. (Botys) 5181 2375
  - sionensis Caradja, 1929; syn. infrasubsp. female (Antigastra) 2375

**Colomychus** Munroe, 1956

talis (Grote, 1878); valid (Botis) 5200 2379

**Condylorrhiza** Lederer, 1863

- vestigialis (Guenée, 1854); valid (Botyodes)
  - illutalis (Guenée, 1854); syn. (Botys) 2380
  - tritealis (Walker, 1859); syn. (Botys) 5215 2380
  - mestoralis (Walker, 1859); syn. (Botys) 5215 2380
  - oratalis (Hulst, 1886); syn. (Eudioptis) 5215 2380
  - syleptalis (Strand, [1920]); syn. (Agathodes) 2380

**Diaphania** Hübner, 1818

- Eudioptis Hübner, 1823
- Diaphania Stephens, 1829; preocc. Hübner, 1818
- Phakellura Guilding, 1830
Phacellura Agassiz, [1847]; emendation
Sestia Snellen, 1875
olealis (Felder, Felder & Rogenhofer, 1875);
valid (Eudioptis) 5201 2387
nitidalis (Stoll, 1781); valid (Phalaena Pyralis)
vitralis Hübner, 1818; syn. (Diaphania) 5202 2383
arguta (Lederer, 1863); valid (Phacellura) 5203 2410
hyalinata (Linnaeus, 1767); valid (Phalaena Geometra)
marginalis (Stoll, 1781); syn. (Phalaena Pyralis)
lucernalis (Hübner, 1796); syn. (Pyralis)
hyalinatalis (Guenée, 1854);
syn. emendation (Phakellura) 5204 2434
sapillitalis (Weyenbergh, 1873); syn. (Pyralis) 5204 2434
modialis (Dyar, 1912); valid (Glyphodes) 5205 2418
infimalis (Guenée, 1854); valid (Phakellura) 5206 2419
indica (Saunders, 1851); valid (Eudioptes)
hyalinis (Boisduval, 1833);
syn. not hyalinata L., 1767, emend. misident. (Botys) 5207 2432
capensis (Zeller, 1852); syn. (Eudioptis) 5207 2432
gazoiralis (Guenée, 1854); syn. (Phakellura) 5207 2432
zygaenalis (Guenée, 1854); syn. (Phakellura) 5207 2432
cucurbitalis (Guenée, 1862); syn. (Phakellura) 5207 2432
intermedialis (Dognin, 1904)3; syn. (Glyphodes)
lualis (Herrich-Schäffer, 1871); valid (Botys) 5208 2393
costata (Fabricius, 1775)30, 59; valid (Phalaena)
aurocostalis (Guenée, 1854); syn. (Margarodes) 5216 2458
imitalis (Guenée, 1854); syn. (Margarodes) 2458
Glyphodes Guenée, 1854
Caloptychia Hübner, 18255
Dysallacta Lederer, 186360
Morocosma Lederer, 1863
pyloalis Walker, 1859; valid (Glyphodes) 5197 2478
sylpharis Butler, 1878; syn. (Glyphodes) 5197 2478
sibillalis Walker, 1859; valid (Glyphodes) 5198 2479
impuralis (Herrich-Schäffer, 1871); syn. (Botys) 2479
batesi Felder, Felder & Rogenhofer, 187561;
syn. (Glyphodes) 2479
alitalis Hulst, 188662; syn. (Glyphodes)
a. berlandi Munroe, 1956; ssp. extralimital (Glyphodes) 2479
floridalis (Fernald, 1901); valid (Marasmia) 5199 2480
onychinalis (Guenée, 1854)63; valid introduced (Asopia)
brarealis (Walker, 1859); syn. not checked (Zebronia)
astomalis (Felder, Felder & Rogenhofer) 1875;
syn. (Lepyrodes)
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**Hoterodes** Guenée, 1854
- **ausonia** (Cramer, 1777); valid (*Phalaena*)
  - syn. repl. name (*Margaronia*)
- **canastralis** (Hübner, [1825]);
- **ausonialis** Guenée, 1854; syn. emendation (*Hoterodes*)

**Leucochroma** Guenée, 1854
- **corope** (Stoll, 1781); valid (*Phalaena*)
  - **splendidalis** (Stoll, 1781); syn. (*Phalaena*)
  - **corrivalis** (Hübner, [1825]); syn. repl. name (*Epipagus*)
- **coropealis** Guenée, 1854;
  - syn. emendation (*Leucochroma*)
- **selectalis** (Walker, [1866]); syn. (*Botys*)
- **minoralis** Warren, 1889; syn. (*Leucochroma*)

**Maruca** Walker, 1859
- **Siriocauta** Lederer, 1863
  - **vitrata** (Fabricius, 1787)*; valid (*Phalaena*)
  - **testulalis** (Geyer, 1832)*; syn. (*Crochiphora*)
  - **aquilis** (Guérin-Méneville, 1832); syn. (*Hydrocampe*)
  - **bifénestralis** (Mabille, 1880); syn. (*Botys*)
  - **simialalis** (Snellen, 1880)*
- **Omiodes** Guenée, 1854
  - **Lonchodes** Guenée, 1854; preocc. by Gray, 1835
  - **Spargeta** Lederer, 1863
  - **Coenostola** Lederer, 1863
  - **Hedylepta** Lederer, 1863
  - **Deba** Walker, [1866]
  - **Phycidicera** Snellen, [1880]
  - **Pelecyntis** Meyrick, 1884
  - **Charisma** Moore, 1888
  - **Loxocreon** Warren, 1892
  - **Merotoma** Meyrick, 1894
  - **indicata** (Fabricius, 1775)*; valid (*Phalaena*)
  - **vulgalis** (Guenée, 1854); syn. (*Asopia*)
  - **sabalas** (Walker, 1859); syn. (*Botys*)
  - **moeliusalis** (Walker, 1859); syn. (*Botys*)
  - **connexalis** (Walker, [1866]); syn. (*Botys*)
  - **reductalis** (Walker, [1866]); syn. (*Botys*)
  - **dolosalis** (Möschler, 1881); syn. (*Botys*)
  - **dnopheralis** Mabille, 1900*
  - **lionnetalis** (Legrand, 1966)
  - **miamialis** (Dyar, 1917); syn. (*Sylepta*)
  - **stigmosalis** (Warren, 1892); valid (*Boeotarcha*)
  - **exogrammalis** (Dyar, 1914)*

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| Species | Author | Year | Page | Code | Page | Code |
|---------|--------|------|------|------|------|------|
| Hoterodes ausonia | Guenée | 1854 | 5209 | 2495 |
| Hoterodes canastralis | Hübner | [1825] | 5209 | 2495 |
| Hoterodes ausonialis | Guenée | 1854 | 5209 | 2495 |
| Leucochroma corope | Stoll | 1781 | 5210 | 2498 |
| Leucochroma splendidalis | Stoll | 1781 | 5210 | 2498 |
| Leucochroma corrivalis | Hübner | [1825] | 5210 | 2498 |
| Leucochroma coropealis | Guenée | 1854 | 5210 | 2498 |
| Leucochroma selectalis | Walker | [1866] | 5210 | 2498 |
| Leucochroma minoralis | Warren | 1889 | 5210 | 2498 |
| Maruca vitrata | Fabricius | 1787 | 2504 |
| Maruca testulalis | Geyer | 1832 | 2504 |
| Maruca aquilis | Guérin-Méneville | 1832 | 2504 |
| Maruca bifénestralis | Mabille | 1880 | 2504 |
| Maruca simialalis | Snellen | 1880 | 2504 |
| Omiodes indicata | Fabricius | 1775 | 5212 | 2506 |
| Omiodes vulgalis | Guenée | 1854 | 5212 | 2506 |
| Omiodes sabalis | Walker | 1859 | 5212 | 2506 |
| Omiodes moeliusalis | Walker | 1859 | 5212 | 2506 |
| Omiodes connexalis | Walker | [1866] | 5212 | 2506 |
| Omiodes reductalis | Walker | [1866] | 5212 | 2506 |
| Omiodes dolosalis | Möschler | 1881 | 5212 | 2506 |
| Omiodes dnopheralis | Mabille | 1900* | 5212 | 2506 |
| Omiodes lionnetalis | Legrand | 1966 | 5212 | 2506 |
| Omiodes miamialis | Dyar | 1917 | 5212 | 2506 |
| Omiodes stigmosalis | Warren | 1892 | 5214 | 2511 |
| Omiodes exogrammalis | Dyar | 1914* | 5214 | 2511 |
martyralis (Lederer, 1863); valid (Coenostola) 2524
vulpina (Meyrick, 1936); syn. (Hedylepta) 2524
cervinalis Amsel, 1956; syn. (Omiodes) 2520

**simialis** Guenée, 1854; valid (Omiodes) 5211 2527
jasonalis (Walker, 1859); syn. (Botys) 5211 2527
orontesalis (Walker, 1859); syn. (Botys) 5211 2527
eruptalis (Lederer, 1863); syn. (Coenostola) 5211 2527

**Palpita** Hübner, [1808]

Hapalia Hübner, 1818
Conchia Hübner, 1821
Margaronia Hübner, [1825]
Paradosis Zeller, 1852
Margarodes Guenée, 1854; preocc. by Guilding, 1829
Tobata Walker, 18595
Sarothronota Lederer, 1863
Sebunta Walker, 1863
Lederereria Marschall, 1873; repl. name
Sylora Swinhoe, 190069
Hvidodes Swinhoe, 1900; repl. name
Apyrausta Amsel, 1951

**flegia** (Cramer, 1777); valid (Phalaena Pyralis) 5217 2552
virgnalis (Hübner, [1825]); syn. repl. name (Margaronia) 5217 2552
flegialis (Poey, 1832); syn. emendation (Pyralis) 5217 2552
villosalis (Zeller, 1852); syn. (Paradosis) 5217 2552
phantasmalis (Gueneé, 1854); syn. (Margarodes) 5217 2552
flegyalis (Gueneé, 1854); syn. emendation (Margarodes) 2552

**quadrirstginalis** (Gueneé, 1854); valid (Margarodes) 5218 2560
persimilis Munroe, 195970; valid introduced (Palpita) 2561
kimballi Munroe, 1959; valid (Palpita) 5219 2557
atrisquamalis (Hampson, 1912); valid (Glyphodes) 5220 2544
gracilalis (Hulst, 1886);
syn. preocc. by (H.-S., 1871) (Botis) 5220 2544
cincinnatalis Munroe, 1952; valid (Palpita) 5221
arsaltealis (Walker, 1859); valid (Botys) 5222
illibalis (Hübner, 1818); valid (Hapalia) 5223 2542
euphaesalis (Walker, 1859)71; syn. (Botys) 5224 2542
subjectalis (Lederer, 1863);
syn. repl. name for euphaesalis (Walker, 1859) (Botys) 5224 2542
maritima Sullivan & Solis 201372; valid (Palpita)
freemanalisis Munroe, 1952; valid (Palpita) 5225 2543
magniferalis (Walker, 1861); valid (Botys) 5226
fascialis (Walker, 1862); syn. (Scoparia) 5226
guttulosa (Walker, 1863); syn. (Sebunta) 5226
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**aenescentalis** Munroe, 1952; valid (*Palpita*) 5227

**Synclera** Lederer, 1863

- **jarbusalis** (Walker, 1859); valid (*Samea*) 5196 2581
  - **cottalis** (Walker, 1859); syn. (*Zebronia*) 5196 2581

**Agathodes** Guenée, 1854

- **Stenurges** Lederer, 1863
  - **designalis** Guenée, 1854; valid (*Agathodes*) 5240 2583
  - **a. monstralis** Guenée, 1854; ssp. (*Agathodes*) 5240 2583
    - **floridalis** (Hulst, 1886); syn. (*Stenurges*) 5240 2583

**Azochis** Walker, 1859

- **Catacteniza** Möschler, 1890
  - **rufidiscalis** Hampson, 1904; valid (*Azochis*) 5232 2600
  - **cubanalis** Hampson, 1913; syn. (*Azochis*) 2600

**Compacta** Amsel, 1956

- **capitalis** (Grote, 1881); valid (*Botis*) 5233 2602
  - **posticata** (Forbes, 1923);
    - syn. not G. & R., 1867 (*Polygrammodes*) 2602

- **hirtalis** (Guenée, 1854); valid (*Botys*) 5234 2603
  - **lybialis** (Walker, 1859); syn. (*Botys*) 5234 2603
  - **amatalis** (Walker, 1859); syn. (*Botys*) 5234 2603

- **hirtaloidalis** (Dyar, 1912); valid (*Polygrammodes*) 5235 2604

**Liopasia** Möschler, 1882

- **Terastiodes** Warren, 1892
  - **Dichotis** Warren, 1892

- **teneralis** (Lederer, 1863); valid (*Botys*) 5238 2636

**Polygrammodes** Guenée, 1854

- **Astura** Guenée, 1854
  - **Hilaopsis** Lederer, 1863
  - **Dichocrocopsis** Dyar, 1910

- **flavidalis** (Guenée, 1854); valid (*Botys*) 5228 2638
  - **lacoalis** (Walker, 1859); syn. (*Botys*) 5228 2638
  - **cinctipalis** (Walker, [1866]); syn. (*Botys*) 5228 2638

- **oxydalisis** (Guenée, 1854); syn. (*Polygrammodes*) 5228 2639

- **langdonalis** (Grote, 1877); valid (*Botis*) 5229

- **elevata** (Fabricius, 1777); valid (*Phalaena*) 5230 2689
  - **elevalis** (Guenée, 1854); syn. emendation (*Astura*) 5230 2689
  - **grandimacula** (Dognin, 1912); syn. (*Sylepta*) 5230 2689

- **sanguinalis** Druce, 1895; valid (*Polygrammodes*) 5231 2652

**Terastia** Guenée, 1854

- **meticulosalis** Guenée, 1854; valid (*Terastia*) 5239 2704
  - **quadratalis** (Walker, [1866])3; syn. (*Megaphysa*)
  - **coeligenalis** (Hulst, 1886); syn. (*Megaestes*) 5239 2704
Laniifera Hampson, 1899
   cyclades (Druce, 1895); valid (Pachynoa) 5236 2705

Loxomorpha Amsel, 1956
   Chrysobotys Munroe, 1956
   cambogialis (Guenée, 1854); valid (Botys) 5154 3050
   lucilla (Butler, 1878); syn. (Botys) 3050
   citralis (Möschler, 1890); syn. (Botys) 3050
   flavidissimalis (Grote, 1877); valid (Botis) 5155 3052

Maracayia Amsel, 1956
   chlorisalis (Walker, 1859); valid (Botys) 5298 3056

Eulepte Hübner, [1825]
   Acrospila Lederer, 1863
   anticostalis (Grote, 1871); valid (Botis) 5195 2719
   levalis (Hulst, 1886); syn. (Botis) 5195 2719

Ommatospila Lederer, 1863
   Thelda Walker, [1866]
   narcaeusalis (Walker, 1859); valid (Leucochroma) 5294 2729
   nummulalis Lederer, 1863; syn. (Ommatospila) 5294 2729
   venustalis (Walker, [1866]); syn. (Leucinodes) 5294 2729

Gonocausta Lederer, 1863
   sabinalis Dyar, 1914; valid (Gonocausta) 2732

Syllepis Poey, 1832
   bortalis (Walker, 1859); valid (Botys) 5283 2742

Aregenia Amsel, 1956
   ebulealis (Gueneé, 1854); valid (Samea) 5158 2749

Diacme Warren, 1892
   elealis (Walker, 1859); valid (Samea) 5142 2758
   taedialis (Walker, 1859); syn. (Samea) 5142 2758
   adipaloides (Grote & Robinson, 1867); valid (Botys) 5143 2759
   phyllisalis (Walker, 1859); valid (Samea) 5144 2761
   aulicalis (Möschler, 1886); syn. (Botys) 2761
   mopsalis (Walker, 1859); valid (Botys) 5145 2762
   mettiusalis (Walker, 1859); syn. (Botys) 5145 2762
   togalis (Lederer, 1863); syn. (Botys) 2762
   griseicintalis (Hampson, 1913); syn. (Paratalanta) 5145 2762

Epipagus Hübner, [1825]
   Stenophyes Lederer, 1863
   forsythae Munroe, 1955; valid (Epipagus) 5146 2770
   fenestralis (Hübner, 1796); valid (Pyralis) 5147 2766
   huronalis (Gueneé, 1854); syn. (Samea) 5147 2766
   serinalis (Walker, 1859); syn. (Phalangiodes) 5147 2766
   disparilis (Dyar, 1910); valid (Stenophyes) 5148 2768

Mecyna Doubleday, [1849]
   submedialis (Grote, 1876); valid (Botis) 5135 2774
dissectalis (Grote, 1880); syn. (Botis) 5135 2774
pilalis (Hulst, 1886); syn. (Botis) 5135 2774
fuscinaculalis (Grote, 1878); valid (Botis) 5136 2775
flavicolaralis (Grote, 1878); syn. (Botis?) 5136 2775
confovealis (Hulst, 1886); syn. (Botis) 5136 2775
mustelinalis (Packard, 1873); valid (Botys) 5137 2773
catenulalis (Grote, 1877); syn. (Botis) 5137 2773
monulalis (Hulst, 1886); syn. (Botis) 5137 2773
luscitialis (Barnes & McDunnough, 1914); valid (Pyrausta) 5138 2772

Mimophobetron Munroe, 1950
pyropsalis (Hampson, 1904); valid (Pyrausta) 5237 2776
rhodope (Hampson, 1913); syn. (Pyrausta) 5237 2776
liopasialis (Dyar, 1914); syn. (Pyrausta) 5237 2776
rhodopides (Strand, 1917); syn. infrasubspecific (Pyrausta) 5237 2776

Mimorista Warren, 1890
subcostalis (Hampson, 1913); valid (Sameodes) 5139 2784
trimaculalis (Grote, 1878); valid (Botis) 5140 2785
tristigmalis (Hampson, 1899); valid (Pilocrocis) 5141 2777
extremalis (Schaus, 1920); syn. (Psara) 2777

Nomophila Hübner, [1825]
Stenopteryx Duponchel, [1845]; preocc. by Meigen, 1830
Macronomeutis Meyrick, 1936
triticalis Berg, 18757; valid (Nomophila) 2792
squalidalis Hampson, 1913; syn. (Nomophila) 2792
nearctica Munroe, 1973; valid (Nomophila) 5156 2794

Samea Guenée, 1854
Isopteryx Guenée, 1854; preocc. by Pictet, 1841
Pterygisus Butler, 1886; repl. name
multiplicalis (Guenée, 1854); valid (Isopteryx) 5151 2801
discessalis Walker, [1866]; syn. (Samea) 5151 2801
baccatalis (Hulst, 1892); valid (Loxostege) 5152 2804
druchachalis Dyar, 192478; valid (Samea) 2810
ecclesialis Guenée, 1854; valid (Samea) 5150 2812
castellalis Guenée, 1854; syn. (Samea) 5150 2812
luccusalis Walker, 1859; syn. (Samea) 5150 2812
disertalis Walker, [1866]; syn. (Samea) 5150 2812

Niphograpta Warren, 1892
albiguttalis (Warren, 1889)79; valid introduced (Epichronistis) 5149 2816

Crocidocnemis Warren, 1889
Somatania Möschler, 189080
pellucidalis (Möschler, 1890); valid (Somatania) 5153 2818
suffusalis (Hampson, 1899); syn. (Sameodes) 2818
samealis (Dyar, 1914); syn. (Stenia) 2818
| Genus         | Species                  | Authors      | Year | Reference |
|--------------|--------------------------|--------------|------|-----------|
| Asciodes     | gordialis Guenée, 1854   | Guenée       | 1854 | 5267, 2823 |
|              | quietalis (Walker, 1859); syn. (Scoparia) | Guenée       | 1854 | 5267, 2823 |
|              | confusalis (Hulst, 1886); syn. (Desmia) | Guenée       | 1854 | 5267, 2823 |
| Psara        | quietalis (Walker, 1859); syn. (Scoparia) | Guenée       | 1854 | 5267, 2823 |
|              | confusalis (Hulst, 1886); syn. (Desmia) | Guenée       | 1854 | 5267, 2823 |
|              | obscuralis (Lederer, 1863); valid (Botys) | Guenée       | 1854 | 5268, 2851 |
|              | dryalis (Walker, 1859); valid (Botys) | Guenée       | 1854 | 5269, 2854 |
| Sathria      | internitalis (Guenée, 1854); valid (Asciodes) | Guenée       | 1854 | 5270, 2863 |
|              | stercoralis Lederer, 1863; syn. (Sathria) | Guenée       | 1854 | 5270, 2863 |
|              | serenalis (Walker, [1866]); syn. (Megaphysa) | Guenée       | 1854 | 5270, 2863 |
| Conchylodes  | internitalis (Guenée, 1854); valid (Asciodes) | Guenée       | 1854 | 5270, 2863 |
|              | stercoralis Lederer, 1863; syn. (Sathria) | Guenée       | 1854 | 5270, 2863 |
|              | serenalis (Walker, [1866]); syn. (Megaphysa) | Guenée       | 1854 | 5270, 2863 |
| Cnaphalocrocis| diphteralis (Geyer, 1832); valid (Lypotigris) | Guenée       | 1854 | 5290, 2867 |
|              | salamisalis Druce, 1895; valid (Conchylodes) | Guenée       | 1854 | 5291, 2871 |
|              | ovulalis (Guenée, 1854); valid (Spilomela) | Guenée       | 1854 | 5292, 2878 |
|              | concinnalis Hampson, 1899; valid (Conchylodes) | Guenée       | 1854 | 5293, 2879 |
| Cnaphalocrocis| trapezalis (Guenée, 1854); valid (Salbia) | Guenée       | 1854 | 5288, 2896 |
|              | creonalis (Walker, 1859); syn. (Botys) | Guenée       | 1854 | 5288, 2896 |
|              | neoclesalis (Walker, 1859); syn. (Botys) | Guenée       | 1854 | 5288, 2896 |
|              | suspicalis (Walker, 1859); syn. (Botys) | Guenée       | 1854 | 5288, 2896 |
|              | convectalis (Walker, [1866]); syn. (Botys) | Guenée       | 1854 | 5288, 2896 |
|              | bifurcalis Snellen, 1880; syn. (Cnaphalocrocis) | Guenée       | 1854 | 5288, 2896 |
|              | perinephes (Meyrick, 1886); syn. (Dolichosticha) | Guenée       | 1854 | 5288, 2896 |
|              | andresi (Rebel, 1912); syn. (Bradina) | Guenée       | 1854 | 5288, 2896 |
|              | cochrusalis (Walker, 1859); valid (Hydrocampa) | Guenée       | 1854 | 5289, 2895 |
|              | azionalis (Walker, 1859); syn. (Botys) | Guenée       | 1854 | 5289, 2895 |
|              | ruptalis (Walker, [1866]); syn. (Botys) | Guenée       | 1854 | 5289, 2895 |
|              | perspersalis Möschler, 1890; syn. (Cnaphalocrocis) | Guenée       | 1854 | 5289, 2895 |
| Salbia       | tytiusalis (Walker, 1859); valid (Botys) | Guenée       | 1854 | 5285, 2927 |
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*mizaralis* (Druce, 1899); valid (*Hedylepta*) 5286 2916

*haemorrhoidalis* Guenée, 1854; valid (*Salbia*) 5287 2929

*dircealis* (Walker, 1859); syn. (*Asopia*) 5287 2929

*futilalis* (Barnes & McDunnough, 1914);

syn. (*Hedylepta*) 5287 2929

**Syngamia** Guenée, 1854

*Ochlia* Hübner, 1823

*florella* (Stoll, 1781); valid (*Tinea*) 5284 2940

*vingualis* (Hübner, 1823); syn. (*Anania*) 5284 2940

*florellalis* Guenée, 1854; syn. emendation (*Syngamia*) 5284 2940

**Apilocrocis** Amsel, 1956

*brumalis* (Barnes & McDunnough, 1914); valid (*Sylepta*) 5112 2943

*pimalis* (Barnes & Benjamin, 1926); valid (*Sylepta*) 5113 2949

**Diaphantania** Möschler, 1890

*impulsalis* (Herrich-Schäffer, 1871); valid (*Botys*) 5114 2954

**Bicilia** Amsel, 1956

*iarchbasalis* (Walker, 1859); valid (*Botys*) 5271 2959

*differalis* (Walker, [1866]); syn. (*Pyralis*) 5271 2959

*concinnalis* (Möschler, 1890); syn. (*Botys*) 5271 2959

*vogli* Amsel, 1956; syn. (*Bicilia*) 5271 2959

*fuscalis* Amsel, 1956; syn. (*Bicilia*) 5271 2959

**Deuterophysa** Warren, 1889

*Gonopionea* Hampson, 1913

*fernaldi* Munroe, 1983; valid repl. name (*Deuterophysa*) 5123 3000

*costimaculalis* (Fernald, 1901);

syn. homonym preocc. by Warren, 1889 (*Pyrausta*) 5123 3000

**Cangetta** Moore, 1886

*micralis* (Hampson, 1907)³⁴; valid (*Deuterophysa*) 3003

**Eurrhyparodes** Snellen, 1880

*Molybdantha* Meyrick, 1884

*lygdami* Druce, 1902; valid (*Eurrhyparodes*) 5122 3022

*splendens* Druce, 1895³⁵; valid (*Eurrhyparodes*) 3024

**Hydropionea** Hampson, 1917³⁶

*oblectalis* (Hulst, 1886); valid (*Botis*) 5124 3038

*eumoros* (Dyar, 1917); syn. (*Clupeosoma*) 5124 3038

*fenestralis* (Barnes & McDunnough, 1914); valid (*Diasemia*) 5125 3037

**Microphysetica** Hampson, 1917

*Falc* Amsel, 1956; preocc. by Gouan, 1770

*Falcimorpha* Amsel, 1957³⁷; repl. name

*bermeasalis* (Walker, 1859); valid (*Isopteryx*) 3066

*nymphulalis* (Hampson, 1906); syn. (*Parthenodes*) 3056

*philogelos* (Dyar, 1922)³⁸; syn. (*Sufetula*) 5121 3066

*sinuosalis* (Amsel, 1956); syn. (*Falc*) 5121 3056
**Palpusia** Amsel, 1956
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- *goniopalpia* (Hampson, 1912); valid (*Pilocrocis*) 5297 3099

**Rhectocraspeda** Warren, 1892
- *Pilemia* Möschler, 1882; preocc. by Fairmaire, 1863
- *Rapoona* Hedemann, 1894
- *periusalis* (Walker, 1859); valid (*Botys*) 5157 3125
- *deformalis* (Möschler, 1882); syn. (*Pilemia*) 5157 3125
- *tristis* (Hedemann, 1894); syn. (*Rapoona*) 5157 3125

**Sisyracera** Möschler, 1890
- *Araschnopsis* Amsel, 1956
- *subulalis* (Guenée, 1854); valid (*Endotricha*) 5194 3127
- *preciosalis* (Möschler, 1882); syn. (*Leucinodes*) 5194 3127
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- *puertalis* (Barnes & McDunnough, 1912); valid (*Noctuelia*) 4831 1261
- *palinalis* (Barnes & McDunnough, 1918); valid (*Noctuelia*) 4832 1264
- *atascaderalis* (Munroe, 1951); valid (*Noctuelia*) 4833
- *aridalis* (Barnes & Benjamin, 1922); valid (*Noctuelia*) 4834 1265
  - *a. minimistricta* (Dyar, 1913); ss. extralimital (*Pyrausta*) 1266
- *rhodoxanthinalis* Munroe, 1974; valid (*Noctueliopsis*) 4836 1269
- *bububattalis* (Hulst, 1886); valid (*Botis*) 4837 1267
  - *tectalis* (Barnes & McDunnough, 1914); syn. (*Noctuelia*) 4837 1267
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**Chrismania** Barnes & McDunnough, 1914
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**Plumipalpiella** Munroe, 1995; repl. name
- *Plumipalpia* Munroe, 1961; preocc. by Hampson, 1898
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**Nannobotys** Munroe, 1961
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*egressalis* (Walker, [1866]); syn. (Cataclysta) 4896 799

*robinsonii* (Grote, 1871); syn. (Cataclysta) 4896 799

*discedalis* Möschler, 1890; syn. (Chalcoela) 4896 799

**Evergestis** Hübner, [1825]^{109}

*Homochroa* Hübner, [1825]

*Mesographe* Hübner, [1825]

*Scopolia* Hübner, [1825]

*Pionea* Duponchel, 1845

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*Aedis* Grote, 1878

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*Maelinoptera* Staudinger, 1893^{110}

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*Reskovitsia* Szent-Iványi, 1942^{111}

**pallidata** (Hufnagel, 1767); valid (Phalaena) 4897

*straminalis* (Hübner, 1793); syn. (Phalaena Pyralis) 4897

*elutalis* (Hübner, 1796); syn. (Pyralis) 4897

*stramentalis* (Hübner, 1825); syn. (Mesographe) 4897

*eunusalis* (Walker, 1859); syn. (Pionea) 4897

*rimosalis* (Guenée, 1854); valid (Pionea) 4898 1334

**consimilis** Warren, 1892; valid (Evergestis) 4899 1335

**aridalis** Barnes & McDunnough, 1914; valid (Evergestis) 4900 1336

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**lunulalis** Barnes & McDunnough, 1914; valid (Evergestis) 4902 1346

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**simulatilis** (Grote, 1880); valid (Aedis) 4904 1349

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**angustalis** (Barnes & McDunnough, 1918);
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* a. **catalinae** Munroe, 1974; ssp. (Evergestis) 4905

* b. **arizonae** Munroe, 1974; ssp. (Evergestis) 4905 1348

**vinctalis** Barnes & McDunnough, 1914; valid (Evergestis) 4906 1350

* a. **moricoloralis** Munroe, 1974; ssp. (Evergestis) 4906

**palousalis** Munroe, 1974^{112}; valid (Evergestis) 4907

* a. **obscuralias** Munroe, 1995; ssp. repl. name (Evergestis)

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**comstocki** Munroe, 1974; valid (Evergestis) 4908 1351

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* a. **insulalis** Barnes & McDunnough, 1914; ssp. (Evergestis) 4909
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*numeralis* (Zetterstedt, 1839); syn. (*Scopula*)  4703

*quadratella* (Zetterstedt, 1839); syn. (*Phycis*)  4703

*centurialis* (Guenée, 1854); syn. emendation (*Scoparia*)  4703

*confluella* (Krulikowsky, 1908);
syn. form infrasubspecific (*Scoparia*)  4703

*obscura* (Caradja, 1916);  5

syn. aberration infrasubspecific (*Scoparia*)

*a. borealis* (Duponchel, 1836); ssp. (*Eudorea*)  4703

*b. caecalis* (Walker, 1859); ssp. (*Hypena*)  4703

calginosalis (Walker, [1866]); syn. (*Scopula*)  4703

*c. beringiella* Munroe, 1972; ssp. (*Gesneria*)  4703

d. ninguidalis* (Hulst, 1886); ssp. (*Scoparia*)  4703

e. sachalinensis Matsumura, 1925;  5

ssp. extralimital (*Gesneria*)

rindgeorum Munroe, 1972; valid (*Gesneria*)  4704

Cosipara Munroe, 1972

*tricoloralis* (Dyar, 1904); valid (*Scoparia*)  4705  823

*modulalis* Munroe, 1972; valid (*Cosipara*)  4706  824

*chiricahucae* Munroe, 1972; valid (*Cosipara*)  4707  825

Scoparia Haworth, 1811

Scopea Haworth, 1828

Eudorea Curtis, 1827

Phegea Gistel, 1848;  5

Epileucia Stephens, 1852;  5

Tetraprosopus Butler, 1882

Xeroscopa Meyrick, 1884
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*Sineudonia* Leraut, 1986\(^{17}\)

**rigidalis** Barnes & McDunnough, 1912; valid (*Scoparia*) 4708 829

**denigata** Dyar, 1929; valid (*Scoparia*) 4709 830

**normalis** Dyar, 1904; valid (*Scoparia*) 4710 831

**palloralis** Dyar, 1906; valid (*Scoparia*) 4711 834

\(\text{obispalis} \) Dyar, 1906; syn. (*Scoparia*) 4711 834

\(\text{cervalis} \) McDunnough, 1927; syn. (*Scoparia*) 4711 834

**californialis** Munroe, 1972; valid (*Scoparia*) 4712 835

**apachealis** Munroe, 1972; valid (*Scoparia*) 4713 836

\(a\). **pinalensis** Munroe, 1972; ssp. (*Scoparia*) 4713 836

\(b\). **utalis** Munroe, 1972; ssp. (*Scoparia*) 4713

**ruidosalis** Munroe, 1972; valid (*Scoparia*) 4714 837

**blanchardi** Munroe, 1972; valid (*Scoparia*) 4715 838

**biplagialis** Walker, [1866]; valid (*Scoparia*) 4716

\(\text{libella} \) Grote, 1878; syn. (*Scoparia*) 4716

\(a\). **bellaeslæ** Munroe, 1972; ssp. (*Scoparia*) 4716

\(b\). **fernaldalis** Dyar, 1904; ssp. (*Scoparia*) 4716

\(c\). **pacificalis** Dyar, 1921; ssp. (*Scoparia*) 4716

\(d\). **alaskalis** Barnes & Benjamin, 1922; syn. (*Scoparia*) 4716

**penumbralis** Dyar, 1906; valid (*Scoparia*) 4717

**cinereomedia** Dyar, 1904; valid (*Scoparia*) 4718

\(\text{trunctatalis} \) McDunnough, 1923; syn. (*Scoparia*) 4718

**basalis** Walker, [1866]; valid (*Scoparia*) 4719

**dominicki** Munroe, 1972; valid (*Scoparia*) 4720

**huachucalis** Munroe, 1972; valid (*Scoparia*) 4721

**Eudonia** Billberg, 1820

*Boiea* Zetterstedt, 1839\(^5\)

*Eudoria* Chapman, 1912

*Witlesia* Chapman, 1912

*Dipleurina* Chapman, 1912\(^{118}\)

*Malageudonia* Leraut, 1989\(^{118}\)

*Viettina* Leraut, 1989\(^{118}\)

**rectilinea** (Zeller, 1874); valid (*Scoparia*) 4722 860

\(\text{refugalis} \) (Hulst, 1886); syn. (*Scoparia*) 4722 860

\(\text{nominatalis} \) (Hulst, 1886); syn. (*Scoparia*) 4722 860

**commortalis** (Dyar, 1921); valid (*Scoparia*) 4723

**expallidalis** (Dyar, 1906); valid (*Scoparia*) 4724 861

\(\text{rufitinctalis} \) (Hampson, 1907); syn. (*Scoparia*) 4724 861

**franciscalis** Munroe, 1972; valid (*Eudonia*) 4725

**torniplagalis** (Dyar, 1904); valid (*Scoparia*) 4726 862

\(a\). **alialis** (Barnes & McDunnough, 1912); ssp. (*Scoparia*) 4726 862

\(b\). **perfectalis** Munroe, 1972; ssp. (*Eudonia*) 4726 862
albertalis (Dyar, 1929); valid (Scoparia) 4727
vivida Munroe, 1972; valid (Eudonia) 4728
spaldingalis (Barnes & McDunnough, 1912); valid (Scoparia) 4729
spenceri Munroe, 1972; valid (Eudonia) 4730 863
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  borealis (Tengström, 1848); syn. (Eudorea)
  gracilalis (Stainton, 1855); syn. (Eudorea)
  lugubralis (Walker, [1866]); syn. (Scoparia) 4737
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  phycinalis (Dyar, 1929); syn. (Scoparia) 4737
  persimilalis (McDunnough, 1961); syn. (Eudoria) 4737
  japamalpina Inoue, 1982; syn. (Eudonia)
  a. madgei Munroe, 1972; ssp. (Eudonia) 4737
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  epia (Dyar, 1912); valid (Diatraea) 5507 187
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  cadarellus (Druce, 1896); valid (Crambus) 5338 1
  argenteonervella Hulst, 1900; syn. (Eufernaldia) 5338 1
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  santella Kearfott, 1908¹²²; valid (Surattha) 5326 7
  indentella Kearfott, 1908¹²²; valid (Surattha) 5327 6
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  Prionopteryx Zeller, 1863; emendation
  Nuarace Walker, 1863
  Pindicitora Walker, 1863⁵
  Calarina Walker, 1866
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Alloea Turner, 1947\textsuperscript{124}; preocc. by Haliday, 1833

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*aegophila* Stephens, 1834; valid (*Prionapteryx*)  5333  15
*aethiops* (Hulst, 1886)\textsuperscript{5}; syn. (*Crambus*)  5334  9
*cuneolalis* (Hulst, 1886); valid (*Crambus*)  5335  16
*serpentella* Kearfott, 1908; valid (*Prionapteryx*)  5336

**Mesonia** Ragonot, 1889

*Eugrotea* Fernald, 1896

*Euparolia* Dyar, 1914

*Deuterolia* Dyar, 1914

*baboquivarilla* (Kearfott, 1907); valid (*Prionapteryx*)  5328  20
*oraculella* Kearfott, 1908; valid (*Mesonia*)  5329  22
*buchacuacaella* Kearfott, 1908\textsuperscript{25}; valid (*Mesonia*)  5330  21
*incertellus* (Zincken, 1821); valid (*Chilo*)  5331  23
*olivella* (Grote, 1881); syn. (*Prionapteryx*)  5331  23
*dentella* (Fernald, 1896); syn. (*Eugrotea*)  5331  23

**Pseudoschoenobius** Fernald, 1891

*opalescalis* (Hulst, 1886); valid (*Schoenobius*)  5337  5
*griseosparsa* (Hampson, 1896); syn. (*Prionapteryx*)  5337  5

**Thopeutis** Hübner, 1818

*Tetrachila* Hübner, 1808\textsuperscript{6};

name rejected, ICZN Opinion 789

*Cephis* Ragonot, 1892

*Stenochilo* Hampson, 1896

*Hombergia* de Joannis, 1910

*forbesellus* (Fernald, 1896); valid (*Chilo*)  5473

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*panalope* (Dyar, 1917); valid (*Platytes*)  5500  143
*acerata* (Dyar, 1917); syn. (*Platytes*)  5500  143
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albisinuatella (Packard, 1867); syn. (Eudorea) 5406

tristis Kirpichnikova, 1994; syn. (Catoptria)

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\textit{nepos} (Rothschild, 1911)\textsuperscript{5}; syn. extralimital (Crambus)

\textit{kasyi} Ganev, 1983\textsuperscript{5}; syn. extralimital (Pediasia)

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| *cockleellus*                | Kearfort        | 1908 | (Crambus)             | 5353 |
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| *satrapellus* (Chilo)        | Zincken         | 1821 | (Chilo)               | 5372 |
| *elegantellus*               | Walker          | 1863 | (Crambus)             | 5372 |
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*Mirobriga* Walker, 1863

*Pseudochoireutes* Snellen, 1880

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*Perforadix* Sein, 1930163

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**Langessa** Munroe, 1972

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*Hydrocampus* Berthold, 1827

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Sironia Clemens, 1860; preocc. by Hübner, 1823

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  medicinalis (Grote, 1881); valid (Cataclysta) 4744 1104
  kimballi Lange, 1956; valid (Chrysendeton) 4745 1105
  imitabilis (Dyar, 1917); valid (Elophila) 4746 1106
  nigrescens Heppner, 1991\footnote{176}; valid (Chrysendeton)

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  drumalis (Dyar, 1906)\footnote{177}; valid (Elophila) 4770 1129

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  slossonalis (Dyar, 1906); valid (Elophila) 4769 1144

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  onyxalis (Hampson, 1897); valid (Cataclysta) 4767 1151
  cancellalis (Dyar, 1917); syn. (Elophila) 4767 1151
  brunnildalis (Dyar, 1906); valid (Elophila) 4768 1150

Petrophila Guilding, 1830

  Parargyractis Lange, 1956
    daemonalis (Dyar, 1907); valid (Elophila) 4771 1162
    capsps (Lange, 1956); valid (Parargyractis) 4772 1194
    kearfottalis (Barnes & McDunnough, 1917);
      valid (Cataclysta) 4773 1193
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        syn. infrasubspecific, nomen nudum (Elophila) 1193
    bifascialis (Robinson, 1869); valid (Cataclysta) 4774 1195
    jaliscalis (Schaus, 1906); valid (Cataclysta)
      satanalis (Dyar, 1917); syn. (Elophila) 4775 1231
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    fulicalis (Clemens, 1860); valid (Cataclysta)
      angulatalis (Lederer, 1863); syn. (Cataclysta) 4777 1228
    santafealis (Heppner, 1976); valid (Parargyractis)
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      truckeealis (Dyar, 1917); syn. (Elophila) 4780
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    cronialis (Druce, 1896); valid (Cataclysta) 4782 1223
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      valid (Petrophila) 1230
**Eoparargyractis** Lange, 1956

*Eoparargyractis* Lange, 1956; nomen nudum

**irroratalis** (Dyar, 1917); valid (*Elophila*)

**floridalis** Lange, 1956; valid (*Eoparargyractis*)

**plevie** (Dyar, 1917); valid (*Elophila*)

**Oxyelophila** Forbes, 1922

**callista** Forbes, 1922; valid (*Argyractis* (*Oxyelophila*))

**Acentria** Stephens, 1829

*Setina* Hübner, 1819; preocc. by Schrank, 1802

*Zancle* Stephens, 1833

*Acentropus* Curtis, 1834

**ephemerella** (Denis & Schiffermüller, 1775);
valid introduced (*Tinea*)

**nivea** (Olivier, 1791); syn. (*Phryganea*)

**sembris** (Hübner, 1809); syn. (*Bombys*)

**phryganea** (Hübner, 1809); syn. (*Bombys*)

**ephemera** (Hübner, 1819); syn. (*Setina*)

**hansoni** (Stephens, 1833); syn. (*Zancle*)

**garnonsii** (Curtis, 1834); syn. (*Acentropus*)

**nivosa** (Stephens, 1834); syn. (*Phryganea*)

**newae** (Kolenati, 1858); syn. (*Acentropus*)

**latipennis** (Möschler, 1860); syn. (*Acentropus*)

**badensis** (Nolcken, 1869); syn. (*Acentropus*)

**germanicus** (Nolcken, 1869); syn. (*Acentropus*)

**a. obscurus** (Tengström, 1869); ssp. extralimital (*Acentropus*)

**PYRALIDAE**

**CHRYSAUFINAE**

**Caphys** Walker, 1863

*Ugra* Walker, 1863

*Euexippe* Ragonot, 1891

**arizonensis** Munroe, 1970; valid (*Caphys*)

**Parachma** Walker, [1866]

*Zazaca* Walker, [1866]

*Perseis* Ragonot, 1891; preocc. by Gistl, 1848

*Perseistis* Strand, 1921; repl. name

*Artopsis* Dyar, 1908

**ochracealis** Walker, [1866]; valid (*Parachma*)

**auratalis** (Walker, [1866]); syn. (*Zazaca*)

**culiculalis** (Hulst, 1886); syn. (*Asopia*)

**borregalis** (Dyar, 1909); syn. (*Artopsis*)

**nua** (Dyar, 1914); syn. (*Artopsis*)
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1. **Basacallis** Cashatt, 1984
   - tarachodes (Dyar, 1914); valid (Parachma) 5540 3251

2. **Acallis** Ragonot, 1891
   - Pollocia Dyar, 1910
     - gripalis (Hulst, 1886); valid (Aglossa) 5541 3208
     - fernaldi Ragonot, 1891; syn. (Acallis) 5541 3208
     - angustipennis (Warren, 1891); syn. (Ugra) 5541 3208
     - centralis Dyar, 1910; syn. (Acallis) 5542 3207
   - alticolalis (Dyar, 1910); valid (Pollocia) 5543 3206

3. **Zaboba** Dyar, 1914
   - mitchelli (Dyar, 1914); valid (Acallis) 5544 3579
   - unicoloralis Munroe, 1970; valid (Zaboba) 5545 3581

4. **Anemosella** Dyar, 1914
   - Balidarcha Dyar, 1914
     - basilis Dyar, 1914; valid (Anemosella) 3215
       - polingalis Barnes & Benjamin, 1926; syn. (Anemosella) 5548 3218
     - nevalis (Barnes & Benjamin, 1925); valid (Lepidomys) 5546 3216
     - obliquata (Henry Edwards, 1886); valid (Earias) 5547 3217
       - albistrigalis (Barnes & McDunnough, 1913); syn. (Chalinitis) 5547 3217
     - viridalis (Barnes & McDunnough, 1912); valid (Chalinitis) 5549 3219
     - cuis (Dyar, 1914); syn. (Balidarcha) 5549 3219

5. **Lepidomys** Guenée, 1852
   - Chalinitis Ragonot, 1891
     - irrenosa Guenée, 1852; valid (Lepidomys) 5550 3400
     - olealis (Ragonot, 1891); syn. (Chalinitis) 5550 3400

6. **Epitamyra** Ragonot, 1891
   - albomaculalis (Möschler, 1890); valid (Tamyra) 3336

7. **Paragalasa** Cashatt, 2013
   - exospinalis Cashatt, 2013; valid (Paragalasa)

8. **Negalasa** Barnes & McDunnough, 1913
   - fulmatis Barnes & McDunnough; 1913; valid (Negalasa) 5551 3436
   - rubralis Barnes & McDunnough, 1913; spp. (Negalasa) 5551 3437

9. **Galasa** Walker, 1866
   - Cordylopeza Zeller, 1873
     - nigrinodis (Zeller, 1873); valid (Cordylopeza) 5552 3352
     - rubrana Fitch, 1891;
       - nomen nudum published in syn. (Galasa) 5552 3352
     - palmipes Grote & Robinson, 1891;
       - nomen nudum published in syn. (Galasa) 5552 3352
     - nigripunctalis (Barnes & McDunnough, 1913)
       - valid (Cordylopeza) 5553 3353
       - fulvusana Haimbach, 1915; syn. (Galasa) 5553 3353
**Penthesilea** Ragonot, 1891

*difficilis* (Felder, Felder & Rogenhofer, 1875); valid (*Amblyura*) 3475

*leucogramma* (Hampson, 1904)\(^{193}\); syn. (*Tetraschistis*) 5554 3475

*sacculalis* Ragonot, 1891; valid (*Penthesilea*) 5555 3476

*a. baboquivariensis* Cashatt, 2013\(^{194}\); ssp. (*Penthesilea*)

**Tosale** Walker, 1863

*Fabatana* Walker, [1866]
*Siparocera* Grote, 1875

*Callocera* Grote, 1875; unavailable (ICZN Art. 11d)

*Siparocera* Robinson, 1876; preocc. by Grote, 1875

*Restidia* Dyar, 1914

*oviplagalis* (Walker, [1866]); valid (*Fabatana*) 5556 3552

*anthoecioides* (Grote & Robinson, 1867); syn. (*Asopia*) 5556 3552

*nobilis* (Grote, 1875); syn. (*Siparocera*) 3552

*nobilis* (Robinson, 1876); syn. redescription (*Siparocera*) 5556 3552

*similalis* Barnes & Benjamin, 1924; valid (*Tosale*) 5557 3553

*aucta* Hampson, 1892; valid (*Tosale*) 5558 3544

**Salobrena** Walker, 1863

*Oectoperia* Zeller, [1876]

*Ballonicha* Möschler, 1886\(^{195}\)

*Teucronoma* Meyrick, 1936\(^{195}\)

*sincera* (Zeller, [1876]); valid (*Oectoperia*) 5559 3499

*recurvata* (Möschler, 1886); valid (*Ballonicha*) 3497

*rubiginea* (Hampson, 1897)\(^{196}\); syn. (*Abaera*) 5560 3497

*vacuana* (Walker, 1863); valid (*Rucuma*)

*birectalis* (Hampson, 1897)\(^{197}\); syn. (*Epitamyra*) 5561 3501

**Satole** Dyar, 1908

*ligniperdalis* Dyar, 1908; valid (*Satole*) 5562 3508

**Clydonopteron** Riley, 1880\(^{198}\)

*sacculana* (Bosc, [1800]); valid (*Pyralis*) 3306

*tecomae* Riley, 1880\(^{199}\); syn. (*Clydonopteron*) 5563 3306

**Bonchis** Walker, 1862

*Ethnistis* Lederer, 1863

*Gazaca* Walker, [1866]

*Vurna* Walker, [1866]

*Zarania* Walker, [1866]

*munitalis* (Lederer, 1863); valid (*Ethnistis*) 5564 3259

*instructalis* (Walker, [1866]); syn. (*Vurna*) 5564 3259

*cosalis* (Walker, [1866]); syn. (*Zarania*) 5564 3259

*dirutalis* (Walker, [1866]); syn. (*Gazaca*) 5564 3259

**Streptopalpia** Hampson, 1895

*minuscualis* (Möschler, 1890); valid (*Tamyra*) 5565 3524

*deera* (Druce, 1895); syn. (*Galasa*) 5565 3524
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**Arta** Grote, 1875
- *ustalis* Hampson, 1895; syn. (*Streptopalpia*) 5565 3524
- *Xantippides* Dyar, [1908]200
- *statalis* Grote, 1875; valid (*Arta*) 5566 3237
- *epicoenalis* Ragonot, 1891; valid (*Arta*) 5567 3231
  - *descansalis* (Dyar, [1908])201; syn. (*Xantippides*) 5567 3231
  - *beatifica* (Dyar, 1921)202; syn. (*Xantippe*) 5569 3564
- *brevivalvalis* Cashatt, 2013203; valid (*Arta*) 5568 3234
- *olivalis* Grote, 1878; valid (*Arta*) 5568 3234

**Condylolomia** Grote, 1873
- *participialis* Grote, 1873; valid (*Condylolomia*) 5571 3309

**Heliades** Ragonot, 1891
- *mulleolella* (Hulst, 1887); valid (*Pempelia*) 5574 3372
- *uranides* (Dyar, 1921)204; syn. (*Xantippe*) 5570 3578
- *lindae* Cashatt, 2013205; valid (*Heliades*) 5574 3372
- *huachucalis* (Haibach, 1915)206; valid (*Pyrausta*) 5574 3372

**GALLERIINAE**

**Galleria** Fabriucius, 1798
- *Adeona* Rafinesque, 18155
- *Cerioclepta* Sodoffsky, 1837
- *Vindana* Walker, 1866
- *mellonella* (Linnaeus, 1758); valid (*Phalaena Tinea*) 5622 3584
  - *cereana* (Blom, 1764); syn. (*Phalaena*) 5622 3584
  - *cerella* (Fabricius, 1775); syn. emendation (*Tinea*) 5622 3584
  - *cerea* (Haworth, 1811); syn. emendation (*Tinea*) 5622 3584
  - *cerealis* Hübner, 1825; syn. emendation (*Galleria*) 5622 3584
  - *obliquella* (Walker, 1866); syn. (*Vindana*) 5622 3584
  - *austrinia* Felder, Felder & Rogenhofer, 1875; syn. (*Galleria*) 5622 3584
  - *crombrugghella* Dufrane, 1930; syn. infrasubspecific, aberration (*Galleria*) 5622 3584

**Achroia** Hübner, [1819]
- *Meliphora* Guenée, 1845
- *Vobrix* Walker, 1864
- *grisella* (Fabricius, 1794); valid nomen protectum (*Tinea*) 5623 3585
  - *cinerana* (Fabricius, 1781); syn. supressed name (*Pyralis*) 5623 3585
  - *aluaria* (Fabricius, 1798); syn. (*Galleria*) 5623 3585
  - *cinereola* (Hübnér, 1802); syn. (*Bombyx*) 5623 3585
  - *aluera* (Haworth, 1811); syn. emendation (*Galleria*) 5623 3585
  - *aluearia* (Stephens, 1829)5; syn. unavailable name (*Galleria*) 5623 3585
  - *aluariella* (Guenée, 1845); syn. emendation (*Meliphora*) 5623 3585
  - *anticella* (Walker, 1863); syn. (*Tinea*) 5623 3585
  - *obscurevittella* Ragonot, 1901; syn. (*Achroia*) 5623 3585
major Dufrane, 1930;  
syn. infrasubspecific, aberration *(Achroia)*  
ifranelia Lucas, 1956;  
syn. infrasubspecific, variety *(Achroia)*

**Trachylepidia** Ragonot, 1887  
**Aganactesis** Dyar, 1921  
fructicassellia Ragonot, 1887; valid *(Trachylepidia)*  
indecora (Dyar, 1921); syn. *(Aganactesis)*

**Omphalocera** Lederer, 1863  
cariosa Lederer, 1863; valid *(Omphalocera)*  
dentosa Grote, 1881; syn. *(Omphalocera)*  
occidentalis Barnes & Benjamin, 1924; valid *(Omphalocera)*  
munroei Martin, 1956; valid emendation *(Omphalocera)*

**Thyridopyralis** Dyar, 1901  
gallaerandialis Dyar, 1901; valid *(Thyridopyralis)*

**Aphomia** Hübner, [1825]  
Ilithyia Berthold, 1827  
Melia Curtis, 1828; preocc. Bosc, 1813  
Melissoblaptes Zeller, 1839  
Aphomoea Agassiz, [1847]; emendation  
Arenipes Hampson, 1901

sociella (Linnaeus, 1758); valid *(Phalaena Tinea)*  
colonella (Linnaeus, 1758); syn. *(Tinea)*  
tribunella (Denis & Schiffermüller, 1775); syn. *(Tinea)*  
socia (Fabricius, 1798); syn. emendation *(Lithosia)*  
colonom (Fabricius, 1798); syn. emendation *(Crambus)*  
colonatus (Haworth, 1809); syn. emendation *(Crambus)*  
rusfinella Krulikowsky, 1909;  
syn. infrasubspecific *(Aphomia)*

grisea Turati, 1913; syn. *(Aphomia)*  
asiatica Caradja, 1916; syn. variety *(Aphomia)*  
virescens Skala, 1929; syn. infrasubspecific *(Aphomia)*  
minor Dufrane, 1930; syn. infrasubspecific *(Aphomia)*  
lanceolata Dufrane, 1930; syn. infrasubspecific *(Aphomia)*  
eritrella Della Beffa, 1941; syn. variety *(Aphomia)*  
pedemontella Della Beffa, 1941; syn. variety *(Aphomia)*

terrenella Zeller, 1848; valid *(Aphomia)*  
furellus (Zeller, 1873); syn. *(Melissoblaptes)*  
decorella (Hulst, 1892); syn. *(Paralipsa)*

fulminalis (Zeller, 1872); valid *(Melissoblaptes)*
gularis (Zeller, 1877); valid *(Melissoblaptes)*

modesta (Butler, 1879); syn. *(Paralipsa)*
tenebrosus (Butler, 1879); syn. (Melissoblaptes) 5632
ccephalonica (Stainton, 1866)\textsuperscript{210}; valid (Melissoblaptes) 5634 3594
oeconomellus (Mann, 1872); syn. (Melissoblaptes) 5634 3594
translineella (Ragonot, 1901); syn. (Corcyra) 5634 3594
theobroma (Dyar, 1913); syn. (Tineopsis) 5634 3594
lineata (Legrand, 1966); syn. (Anerastia) 3594

Epimorius Zeller, 1877
Athaliptis Schaus, 1913\textsuperscript{211}
testaceellus Ragonot, 1887\textsuperscript{212}; valid (Epimorius) 3598

Stenopaschia Hampson, 1906
Stenopaschia Dyar, 1914\textsuperscript{3}; preocc. by Hampson, 1906
Tapinolopha Dyar, 1918\textsuperscript{5}
trichopteris Dyar, 1914\textsuperscript{213}; valid (Stenopaschia) 3611
variegata (Dyar, 1918); syn. (Tapinolopha) 3611

Cacotherapia Dyar, 1904\textsuperscript{214}
Macrotheca Ragonot, 1891; preocc. by Waagen, 1880
interalbicalis (Ragonot, 1891); valid (Macrotheca) 5635 3621
vulnifera (Dyar, 1917); syn. (Macrotheca) 5635 3621
bilinealis (Barnes & McDunnough, 1918);
valid (Macrotheca) \textbf{comb. n.} 5636 3618
angulalis (Barnes & McDunnough, 1918);
valid (Macrotheca) \textbf{comb. n.} 5637 3617
unicoloralis (Barnes & McDunnough, 1913);
valid (Macrotheca) 5638 3627
unipuncta (Dyar, 1913); valid (Macrotheca) 5639 3628
ponda Dyar, 1907; valid (Cacotherapia) 5640 3626
nigrocinereella (Hulst, 1900); valid (Aurora) 5641 3624
flexilinealis Dyar, 1905; valid (Cacotherapia) 5642 3620
leucocope (Dyar, 1917); valid (Macrotheca) 5643 3623
lecerfialis (Barnes & Benjamin, 1925); valid (Macrotheca) 5644 3622

Alpheias Ragonot, 1891
Amestria Ragonot, 1891
vicarilis Dyar, 1913; valid (Alpheias) 5645 3636
transferens Dyar, 1913; valid (Alpheias) 5646 3635
querula Dyar, 1913; valid (Alpheias) 5647 3634
oculiferalis (Ragonot, 1891); valid (Amestria) 5648 3633

Alpheoides Barnes & McDunnough, 1912
parvulalis Barnes & McDunnough, 1912;
valid (Alpheoides) 5649 3637

Decaturia Barnes & McDunnough, 1912
pectinalis Barnes & McDunnough, 1912;
valid (Decaturia) 5650 3638
PHYCITINAE

Acrobasis Zeller, 1839

Conobathra Meyrick, 1886\textsuperscript{215}
Mineola Hulst, 1890
Seneca Hulst, 1890
Numonia Ragonot, 1893\textsuperscript{216}
Trachycera Ragonot, 1893\textsuperscript{215}
Acrocaula Hulst, 1900
Hylopylora Meyrick, 1933\textsuperscript{216}
Rhodophaeopsis Amsel, 1950\textsuperscript{216}
Catacrobasis Gozmány, 1958
Cyprusia Amsel, 1958\textsuperscript{5}
Cyphita Roesler, 1971\textsuperscript{217}

indigenella (Zeller, 1848); valid (Myelois) 5651

nebulo (Walsh, 1860); syn. (Phycita) 5651

nebulella Riley, 1872; syn. (Phycita (Acrobasis)) 5651
zelatella (Hulst, 1887); syn. (Myelois) 5651
grossbecki (Barnes & McDunnough, 1917)\textsuperscript{218};
syn. (Mineola) 5652

vaccinii Riley, 1884; valid (Acrobasis) 5653

amplexella Ragonot, 1887; valid (Acrobasis) 5654

tricolorella Grote, 1878; valid (Acrobasis) 5655 3922

scitulella (Hulst, 1900); syn. (Mineola) 5655 3922

comptella Ragonot, 1887; valid (Acrobasis) 5656 3923

kofa (Opler, 1977)\textsuperscript{219}; syn. (Rhodophae)

fria (Opler, 1977)\textsuperscript{219}; syn. (Rhodophae) 5697 3923
teva (Opler, 1977)\textsuperscript{219}; syn. (Rhodophae) 5700 3923

minimella Ragonot, 1889; valid (Acrobasis) 5657

nigrosignella Hulst, 1890; syn. (Acrobasis) 5657

palliolella Ragonot, 1887; valid (Acrobasis) 5659

albocapitella Hulst, 1888; syn. (Acrobasis) 5659

feltella Dyar, 1910\textsuperscript{220}; syn. (Acrobasis) 5658

caryalbella Ely, 1913; valid (Acrobasis) 5660

carylandis (LeBaron, 1872); valid (Phycita) 5661 3925

sylvie Ely, 1908; valid (Acrobasis) 5662

kylesi Neunzig, 1986\textsuperscript{221}; valid (Acrobasis)
tumidulella (Ragonot, 1887)\textsuperscript{222}; syn. (Cateremna)

kearfottella Dyar, 1905; syn. (Acrobasis) 5663
caryae Grote, 1881; valid (Acrobasis) 5664
carpinivorella Neunzig, 1970; valid (Acrobasis) 5665
elyi Neunzig, 1970; valid (Acrobasis) 5666
texana Neunzig, 1986\textsuperscript{221}; valid (Acrobasis)
nuxvorella Neunzig, 1970; valid (Acrobasis) 5667
djuglanivorella Neunzig, 1986\textsuperscript{221}; valid (Acrobasis)
caulivorella Neunzig, 1986 \(^{221}\); valid (Acrobasis)

evanescentella Dyar, 1908; valid (Acrobasis) 5668

stigmella Dyar, 1908; valid (Acrobasis) 5669

auvorella Ely, 1910; valid (Acrobasis) 5670

exsulella (Zeller, 1848); valid (Myelois) 5672

septentrionella Dyar, 1925; syn. (Acrobasis) 5672

peplifera Dyar, 1925 \(^{223}\); syn. (Acrobasis) 5671

angusella Grote, 1880; valid (Acrobasis) 5673

eliella Dyar, 1908; syn. (Acrobasis) 5673

demotella Grote, 1881; valid (Acrobasis) 5674

latifasciella Dyar, 1908; valid (Acrobasis) 5675

irrubriella Ely, 1908; valid (Acrobasis) 5676

normella Dyar, 1908; valid (Acrobasis) 5677

malipennella Dyar, 1908 \(^{224}\); syn. (Acrobasis) 5678

secundella Ely, 1913 \(^{224}\); syn. (Acrobasis) 5681

ostryella Ely, 1913; valid (Acrobasis) 5680

coryliella Dyar, 1908; valid (Acrobasis) 5682

cirroferella Hulst, 1892; valid (Acrobasis) 5684 3926

myricella Barnes & McDunnough, 1917 \(^{225}\); syn. (Acrobasis) 5692 3926

cunulae Dyar & Heinrich, 1929; valid (Acrobasis) 5685

caryivoirella Ragonot, 1887; valid (Acrobasis) 5686

comacornella (Hulst, 1900) \(^{226}\); syn. (Acrocaula) 5687

betulella Hulst, 1890; valid (Acrobasis) 5688

bebescella Hulst, 1890 \(^{227}\); syn. (Acrobasis) 5683

betulivorella Neunzig, 1975; valid (Acrobasis) 5689

rubrifasciella Packard, 1874; valid (Acrobasis) 5690

dyarella Ely, 1910 \(^{228}\); syn. (Acrobasis) 5679

alnella McDunnough, 1922; syn. (Acrobasis) 5690

comptoniella Hulst, 1890; valid (Acrobasis) 5691

blanchardorum Neunzig, 1973; valid (Acrobasis) 5694 3924

caliginella (Hulst, 1887) \(^{229}\); valid (Nephoteryx) 5695 3929

kaliginoidella (Dyar, 1905); syn. (Myelois) 5695 3929

cruza (Opler, 1977) \(^{230}\); syn. (Rhodophaea) 5696 3929

durata (Opler, 1977) \(^{230}\); syn. (Rhodophaea) 5698 3929

yuba (Opler, 1977) \(^{230}\); syn. (Rhodophaea) 5701 3929

suavella (Zincken, 1818) \(^{229}\); valid (Phycis) 5702

porphyrea (Stephens, 1834); syn. (Phycita) 5702

supposta (Heinrich, 1940); syn. (Mineola) 5702

pallicornella (Ragonot, 1887); valid (Rhodophaea) 5703 3930

Anabasis Heinrich, 1956

ochrodesma (Zeller, 1881); valid (Myelois) 5704 3931

crassiquamella (Hampson, 1901); syn. (Acrobasis) 5704 3931
Hypsipyla Ragonot, 1888
  grandella (Zeller, 1848); valid (Nephopteryx) 5705 3938
cnabella Dyar, 1914; syn. (Hypsipyla) 5705 3938
Anypsipyla Dyar, 1914
  univitella Dyar, 1914<sup>231</sup>; valid (Anypsipyla) 3964
Crocidomera Zeller, 1848
  imitata Neunzig, 1990<sup>232</sup>; valid (Crocidomera)
Cuniberta Heinrich, 1956
  subtinctella (Ragonot, 1887); valid (Nephopteryx) 5707
Adanarsa Heinrich, 1956
  intransitella (Dyar, 1905); valid (Rhodophaea) 5708
Bertelia Barnes & McDunnough, 1913
  grisella Barnes & McDunnough, 1913; valid (Bertelia) 5709 3954
dupla A. Blanchard, 1976; valid (Bertelia) 5710 3955
Hypargyria Ragonot, 1888
  slossonella (Hulst, 1900); valid (Salebria) 5711 3957
tenuella (Barnes & McDunnough, 1913); syn. (Acrobasis) 5711 3957
Chararica Heinrich, 1956
  annuliferella (Dyar, 1905); valid (Myelois) 5712 3959
hystriculella (Hulst, 1887); valid (Acrobasis) 5713 3958
bicolorella (Barnes & McDunnough, 1917); valid (Rhodophaea) 5714
Myelopsis Heinrich, 1956
  immundella (Hulst, 1890); valid (Myelois) 5717 3961
subtetricella (Ragonot, 1889); valid (Myelois) 5718
zonulella (Ragonot, 1889); syn. (Myelois) 5718
obnupsella (Hulst, 1890); syn. (Myelois) 5718
minutularia (Hulst, 1887)<sup>233</sup>; valid (Dioryctria) 5719 3960
coniella (Ragonot, 1887)<sup>234</sup>; syn. (Myelois) 5716 3960
nefas (Dyar, 1922)<sup>234</sup>; syn. (Rampylla) 5716 3960
alatella (Hulst, 1887); valid (Acrobasis) 5720 3962
rectistrigella (Ragonot, 1887); syn. (Myelois) 5720 3962
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Myelopsoides Neunzig, 1998<sup>235</sup>
  venustus Neunzig, 1998; valid (Myelopsoides)
Apomyelois Heinrich, 1956
  Ectomyelois Heinrich, 1956<sup>236</sup>
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bilineatella (Ragonot, 1887); syn. (Myelois) 5721
subcognata (Ragonot, 1887)<sup>3</sup>; syn. (Myelois)
neophanes (Durrant, 1915)<sup>3</sup>; syn. (Myelois)
ceratoniae (Zeller, 1839); valid (Myelois) 5723 3966
ceratoniella (F. v. Rösslerstamm, 1839); syn. (Phycis) 5723 3966
pryerella (Vaughan, 1870); syn. (Trachonitis) 5723 3966
tuerkheimiella (Sorhagen, 1881); syn. (Myelois) 5723 3966
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dentinellina (Hampson, 1896); syn. (Phycita) 3966
psarella (Hampson, 1903); syn. (Hypsipyla) 5723 3966
rivulalis (Warren & Rothschild, 1905);
syn. (Heterographis) 3966
oporedestella (Dyar, 1911); syn. (Myelois) 5723 3966
phoenicis (Durrant, 1915); syn. (Myelois) 5723 3966
durandi (Lucas, 1950); syn. (Laodamia) 3966
Amyelois Amsel, 1956
Paramyelois Heinrich, 1956
transitella (Walker, 1863); valid (Nephopteryx) 5724 3971
notatalis (Walker, 1863); syn. (Nephopteryx) 5724 3971
solitella (Zeller, 1881); syn. (Myelois) 5724 3971
duplipunctella (Ragonot, 1887); syn. (Myelois) 5724 3971
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cassiae (Dyar, 1917); syn. (Emporia) 5724 3971
Fundella Zeller, 1848
Ballovia Dyar, 1913
pellucens Zeller, 1848; valid (Fundella) 5725 4013
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eucasis Dyar, 1919; syn. (Fundella) 5726 4014
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ignobilis Heinrich, 1956²³⁸; valid (Fundella) 4016
Promylea Ragonot, 1887
lunigerella Ragonot, 1887; valid (Promylea) 5727
a. glendella (Dyar, 1906); ssp. (Myelois) 5727
Anadelosemia Dyar, 1919
texanella (Hulst, 1892); valid (Myelois) 5728 4035
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salmocolor A. Blanchard, 1970; valid (Dasypyga) 5731 4037
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dalera (Dyar, 1914); syn. (Homalopalpia) 5732 4046

Sarasota Hult, 1900
Cuba Dyar, 1919
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Atheloca Heinrich, 1956
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Triozosneura A. Blanchard, 1973
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Monoptilota Hult, 1900
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Zamagiria Dyar, 1914
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bumeliella (Barnes & McDunnough, 1913);
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deia Dyar, 1919; syn. (Zamagiria) 5739 4099
striella Dyar, 1919; syn. (Zamagiria) 5739 4099
arctella (Ragonot, 1887); valid (Phycita) 5740 4103
catharetes (Dyar, 1917); syn. (Anecephalesis) 5740 4103

Philocrototona Neunzig, 2003
kendalli (A. Blanchard, 1970); valid (Zamagiria) 5738 4102

Ancylostomia Ragonot, 1893
stercorea (Zeller, 1848); valid (Myelois) 5741 4105

ignobilis (Butler, 1878); syn. (Anerastia) 5741 4105
diffissella (Zeller, 1881); syn. (Pempelia) 5741 4105

Caristanius Heinrich, 1956
decoloralis (Walker, 1863); valid (Trachonitis) 5742 4110
metagrammalis (Walker, 1863); syn. (Nephopteryx) 5742 4110
furturella (Hult, 1887); syn. (Nephopteryx) 5742 4110
floridellus (Hult, 1890); syn. (Elasmopalpus) 5742 4110

minimus Neunzig, 1977; valid (Caristanius) 5743 4111

Etiella Zeller, 1839
Rhamphodes Guenée, 1845
Mella Walker, 1859
Alata Walker, 1863; preocc. by Linck, 1783
Arucha Walker, 1863
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**Modiana** Walker, 1863  
*zinckenella* (Treitschke, 1832); valid (*Phycis*) 5744 4113

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*etella* (Treitschke, 1835); syn. repl. name (*Phycis*) 5744 4113
*colonnellus* (Costa, [1836]); syn. (*Chilo*) 5744 4113
*majorellus* (Costa, [1836]); syn. (*Chilo*) 5744 4113
*dynmusalis* (Walker, 1859); syn. (*Mella*) 5744 4113
*heraldella* (Guenée, 1862); syn. (*Rhamphodes*) 5744 4113
*anticalis* (Walker, 1863); syn. (*Alata*) 5744 4113
*indicatalis* (Walker, 1863); syn. (*Arucha*) 5744 4113
*hastiferella* (Walker, 1866); syn. (*Alata*) 5744 4113
*decipiens* Staudinger, 1870;  
syn. infrasubspecific, aberration (*Etiella*) 5744 4113
*spartiella* Rondani, 1876; syn. (*Etiella*) 5744 4113
*sabulinus* (Butler, 1879); syn. (*Crambus*) 5744 4113
*madagascariensis* Saalmüller, 1880; syn. (*Etiella*) 5744 4113
*schisticolor* Zeller, 1881; syn. (*Etiella*) 5744 4113
*villosella* Hulst, 1887; syn. (*Etiella*) 5744 4113
*rubribasella* Hulst, 1890; syn. (*Etiella*) 5744 4113

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**Glyptocera** Ragonot, 1889
*consobrinella* (Zeller, 1872); valid (*Nephopteryx*) 5745
*busckella* (Dyar, 1904); syn. (*Ambesa*) 5745

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**Pima** Hulst, 1888
*boisduvaliella* (Guenée, 1845); valid (*Epischnia*) 5746
*farrella* (Curtis, 1850); syn. (*Anerastia*) 5746
*lafauryiella* (Constant, 1865); syn. (*Myelois*) 5746
*albiplagiatella* (Packard, 1874); valid (*Myelois*) 5747 4114
*occidentalis* Heinrich, 1956; valid (*Pima*) 5747 4114
*fosterella* Hulst, 1888; valid (*Pima*) 5748
*albocostalialis* (Hulst, 1886); valid (*Ephestia*) 5750 4115
*subcostella* (Ragonot, 1887); syn. (*Epischnia*) 5750 4115
*albocostalis* (Hulst, 1890); syn. emendation (*Epischnia*) 5750 4115
*fulvirugella* (Ragonot, 1887); valid (*Epischnia*) 5751
*vividella* (McDunnough, 1935); syn. (*Epischnia*) 5749
*granitella* (Ragonot, 1887); valid (*Epischnia*) 5752 4116
*piperella* (Dyar, 1904); syn. (*Megasis*) 5752 4116
*parkerella* (Schaus, 1924); valid (*Epischnia*) 5753
*fergusoni* Neunzig, 2003; valid (*Pima*)

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**Pimodes** A. Blanchard, 1976
*insularis* A. Blanchard, 1976; valid (*Pimodes*) 5754 4117
*caliginosus* Neunzig, 2003; valid (*Pimodes*)

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**Interjectio** Heinrich, 1956
*denticulella* (Ragonot, 1887); valid (*Pristophora*) 5755
ruderella (Ragonot, 1887)\textsuperscript{247}; syn. (Epischnia) 5757

columbiella (McDunnough, 1935); valid (Ambesa) 5756

niviella (Hulst, 1888); valid (Lipographis) 5758

**Ambesa** Grote, 1880

laetella Grote, 1880; valid (Ambesa) 5759

walsinghami (Ragonot, 1887); valid (Pristophora) 5760 4118

monodon Dyar, 1913; syn. (Ambesa) 5760 4118

mirabella Dyar, 1908\textsuperscript{48}; valid (Ambesa) 5760 4118

lallatai (Hulst, 1886); valid (Nephopteryx) 5761
dentifera Neunzig, 2003\textsuperscript{249}; valid (Ambesa)

**Catastia** Hübner, 1825

Diosia Duponchel, 1832

bistriatella (Hulst, 1895); valid (Pyla) 5762

incorruscella (Hulst, 1895); valid (Pyla) 5763

actualis (Hulst, 1886); valid (Nephopteryx) 5764

subactualis Neunzig, 2003\textsuperscript{250}; valid (Catastia)

**Glyphocystis** A. Blanchard, 1973

viridivallis A. Blanchard, 1973; valid (Glyphocystis) 5765 4119

**Immyrla** Dyar, 1906

nigrovittella Dyar, 1906; valid (Immyrla) 5766

**Oreana** Hulst, 1888

unicolorrella (Hulst, 1887); valid (Dioryctria) 5767

leucophaella (Hulst, 1892); syn. (Myelois) 5767

**Olybria** Heinrich, 1956

aliculella (Hulst, 1887); valid (Myelois) 5768 4120

oberthuriella (Ragonot, 1887); syn. (Salebria) 5768 4120

furciferella (Dyar, 1904); valid (Salebria) 5769

**Salebriacus** Heinrich, 1956

odosella (Hulst, 1887); valid (Nephopteryx) 5770 4121

bakerella (Dyar, 1904); syn. (Salebria) 5770 4121

yumaella (Dyar, 1905); syn. (Salebria) 5770 4121

**Salebriaria** Heinrich, 1956

ademptandella (Dyar, 1908)\textsuperscript{251}; valid (Salebria) 5771

turpidella (Ragonot, 1888); valid (Salebria) 5771

nubiferella (Ragonot, 1887); valid (Salebria) 5772

boadalis Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)

chisosensis Neunzig, 1988\textsuperscript{252}; valid (Salebriaria) 4122

geneli (Dyar, 1906); valid (Salebria) 5773

roseopunctella Neunzig, 2003\textsuperscript{253}; valid (Salebriaria)

fasciata Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)

rufimaculatella Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)

annulosella (Ragonot, 1887); valid (Nephopteryx) 5774

robustella (Dyar, 1908)\textsuperscript{251}; valid (Salebria) 5774
bella Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)
fergusonella (A. Blanchard & Knudson, 1983)\textsuperscript{254, 255}; valid (Psorosina)
grandidentalis Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)\textsuperscript{4124}
tenebrosella (Hulst, 1887); valid (Nephoptynx)\textsuperscript{5775}
  quercicolella (Ragonot, 1887); syn. (Nephoptynx)\textsuperscript{5775}
  heinrichalis (Dyar, 1917); syn. (Salebria)\textsuperscript{5775}
equivoca Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)\textsuperscript{4123}
integra Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)
maximella Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)
simpliciella Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)
carolynae Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)
kanaubha Neunzig, 2003\textsuperscript{253}; valid (Salebriaria)
squamopalpiella Neunzig, 1988\textsuperscript{252}; valid (Salebriaria)
floridana Neunzig, 2003\textsuperscript{253}; valid (Salebriaria)
pallidella Neunzig, 2003\textsuperscript{253}; valid (Salebriaria)
pumilella (Ragonot, 1887); valid (Salebria)\textsuperscript{5776}
  georgiella (Hulst, 1895); syn. (Salebria)\textsuperscript{5776}
Quasisalebria Heinrich, 1956
  atratella (A. Blanchard & Knudson, 1985)\textsuperscript{256, 257}; valid (Salebriaria)
  fructetella (Hulst, 1892)\textsuperscript{257}; valid (Myelois)\textsuperscript{5777}
    rectistrigella (Dyar, 1908); syn. (Salebria)\textsuperscript{5777}
  occidentalis (Neunzig, 1988)\textsuperscript{257, 258}; valid (Salebriaria)
  admixa Heinrich, 1956; valid (Quasisalebria)\textsuperscript{5779} \textsuperscript{4125}
Ortholepis Ragonot, 1887
  Metriostola Ragonot, 1893
  jugosella Ragonot, 1887; valid (Ortholepis)\textsuperscript{5780}
  myricella McDunnough, 1958; valid (Ortholepis)\textsuperscript{5781}
  baloghi Neunzig, 2003\textsuperscript{259}; valid (Ortholepis)
  rhodorella McDunnough, 1958; valid (Ortholepis)\textsuperscript{5782}
  pasadamia (Dyar, 1917); valid (Immyrla)\textsuperscript{5783}
Polopeustis Ragonot, 1893
  arctiella (Gibson, 1920); valid (Pyla)\textsuperscript{5784}
Meroptera Grote, 1882
  Emmerita Hampson, 1930
  mirandella Ragonot, 1893; valid (Meroptera)\textsuperscript{5785} \textsuperscript{4127}
  anaimella A. Blanchard & Knudson, 1985\textsuperscript{260}; valid (Meroptera)\textsuperscript{4126}
  nevadensis Neunzig, 2003\textsuperscript{261}; valid (Meroptera)
  cviatella Dyar, 1905; valid (Meroptera)\textsuperscript{5786}
  pravella (Grote, 1878); valid (Pempelia)\textsuperscript{5787}
  abditiva Heinrich, 1956; valid (Meroptera)\textsuperscript{5788}
**Sciota** Hulst, 1888\(^{262}\)

- *Denticera* Amsel, 1961
- *Apodentinodia* Roesler, 1969
- *Clasperopsis* Roesler, 1969
- *Paranephopterix* Roesler, 1969

- *subfuscella* (Ragonot, 1887); valid (*Salebria*) 5789
- *semiobscurella* (Hulst, 1890); syn. (*Salebria*) 5789
- *delassalis* (Hulst, 1886); valid (*Nephopteryx*) 5790
- *purpurella* (Hulst, 1892); syn. (*Salebria*) 5790
- *pudibundella* (Ragonot, 1893); syn. (*Salebria*) 5790
- *fraudifera* (Heinrich, 1956)\(^{263, 264}\); valid (*Nephopteryx*)
- *rubescentella* (Hulst, 1900); valid (*Mineola*) 5791
- *fernaldi* (Ragonot, 1887); valid (*Salebria*) 5792
- *dammersi* (Heinrich, 1956); valid (*Nephopteryx*) 5793 4128
- *floridensis* (Heinrich, 1956)\(^{264}\); valid (*Nephopteryx*) 5793
- *vetustella* (Dyar, 1904); valid (*Salebria*) 5794
- *inconditella* (Ragonot, 1893); valid (*Salebria*) 5795 4129
- *subcaesiella* (Clemens, 1860); valid (*Pempelia*) 5796
- *contatella* (Grote, 1880); syn. (*Pempelia*) 5796
- *virgatella* (Clemens, 1860); valid (*Pempelia*) 5797
- *quinquepunctella* (Grote, 1880); syn. (*Pempelia*) 5797
- *carneella* (Hulst, 1887); valid (*Nephopteryx*) 5798
- *inquinellina* (Ragonot, 1887); syn. (*Nephopteryx*) 5798
- *basilaris* (Zeller, 1872); valid (*Nephopteryx*) 5799
- *tarmitalis* (Hulst, 1886)\(^{265}\); valid (*Pempelia*) 5800
- *levigatella* (Hulst, 1892)\(^{264}\); valid (*Salebria*) 5800
- *californiana* Neunzig, 2003\(^{266}\); valid (*Sciota*)
- *yuconella* (Dyar, 1925)\(^{264}\); valid (*Salebria*) 5800
- *bifasciella* (Hulst, 1887); valid (*Nephopteryx*) 5801 4130
- *nogalesella* (Dyar, 1905); syn. (*Salebria*) 5801 4130
- *uvinella* (Ragonot, 1887); valid (*Meroptera*) 5802
- *afflictella* (Hulst, 1900); syn. (*Salebria*) 5802
- *liquidambarella* (Dyar, 1904); syn. (*Meroptera*) 5802
- *celtidella* (Hulst, 1890); valid (*Salebria*) 5803 4131
- *rubrisparsella* (Ragonot, 1887); valid (*Pristophora*) 5804
- *rufibasella* (Ragonot, 1887); syn. (*Nephopteryx*) 5804
- *croceella* Hulst, 1888; syn. (*Sciota*) 5804
- *texanella* (Hulst, 1900); syn. (*Psorosa*) 5804
- *gilvibasella* (Hulst, 1890); valid (*Nephopteryx*) 5805 4132
- *lacteella* (Hulst, 1900); syn. (*Salebria*) 5805 4132
- *quassisubfuscella* Neunzig, 2003\(^{266}\); valid (*Sciota*)
- *crassifasciella* (Ragonot, 1887); valid (*Nephopteryx*) 5806
- *decipientella* (Dyar, 1905); syn. (*Nephopteryx*) 5806
crataegella (Barnes & McDunnough, 1917); syn. (Nephopteryx)

Tlascala Hulst, 1890
reductella (Walker, 1863); valid (Nephopteryx) 5808 4134
gleditschiella (Fernald, 1881); syn. (Pempelia) 5808 4134

Tulsa Heinrich, 1956
finitella (Walker, 1863); valid (Nephopteryx) 5809 4135
melanellus (Hulst, 1890); syn. (Elasmopalpus) 5809 4135
umbriperennis (Hulst, 1895); valid (Pinipestis) 5810
gillettella (Dyar, 1904); syn. (Ortholepis) 5810
oregonella (Barnes & McDunnough, 1918); valid (Tlascala) 5811

Telethusia Heinrich, 1956
ovalis (Packard, 1873); valid (Pempelia) 5812
latisfasciatella (Packard, [1874]); syn. (Nephopteryx) 5812
rhypodella (Hulst, 1887)267; syn. (Glyptoteles) 5813
geminipunctella (Ragonot, 1893); syn. (Nephopteryx) 5812
modestella (Hulst, 1900); syn. (Nephopteryx) 5812

Phobus Heinrich, 1956
brucei (Hulst, 1895); valid (Dioryctria) 5814
funerella (Dyar, 1925); valid (Salebria) 5815
curvatella (Ragonot, 1887); valid (Nephopteryx) 5816 4139
incertus Heinrich, 1956; valid (Phobus) 5817

Actrix Heinrich, 1956
nyssaeocollella (Dyar, 1904); valid (Tacoma) 5818
dissimulatrix Heinrich, 1956; valid (Actrix) 5819

Stylopalpia Hampson, 1901
scobiella (Grote, 1880); valid (Nephopteryx) 5820 4141
decimerella (Hulst, 1888); syn. (Lipographis) 5820 4141

Hypochalcia Hübner, 1825
AraPLEX Stephens, 1834
abenella (Denis & Schiffermüller, 1775); valid (Tinea)
aeneella (Hübner, 1796); syn. (Tinea)
obscuratus (Haworth, 1796); syn. (Crambus)
tetrix (Haworth, 1811); syn. (Palparia)
rubiginella (Treitschke, 1832); syn. (Phycis)
bistrigella (Duponchel, 1836); syn. (Phycis)
fulginella (Duponchel, 1836); syn. (Phycis)
arduella (Bruand, 1848); syn. (Oncocera)
luridella (Schläger, 1848); syn. (Phycis)
bruneo-violaceella (Bruand, 1850); syn. (Phycis)
ghilianii Staudinger, 1870; syn. (Hypochalcia)
fasciatella Staudinger, 1881; syn. (Hypochalcia)
hulstiella Ragonot, 1887\textsuperscript{270}; valid (Hypochalcia) 5821
caucasica Ragonot, 1893; syn. (Hypochalcia)
lugubrella E. M. Hering, 1924; syn. (Hypochalcia)
robustella Toll, 1938; syn. (Hypochalcia)

**Pyla** Grote, 1882

*Pyla* Ragonot, 1887\textsuperscript{5}

*Matilella* Leraut 2001\textsuperscript{5}

*fasciolalis* (Hulst, 1886); valid (*Pinipestis*) 5822

*impostor* Heinrich, 1956; valid (*Pyla*) 5823

*aequivoca* Heinrich, 1956; valid (*Pyla*) 5824

*gaspeensis* McDunnough, 1958\textsuperscript{271}; syn. (*Pyla*) 5825

*araeneola* Balogh & Wilterding, 1998\textsuperscript{272}; valid (*Pyla*) 5826

*insinuatrix* Heinrich, 1956; valid (*Pyla*) 5827

*aenigmatica* Heinrich, 1956; valid (*Pyla*) 5828

*cridella* Dyar, 1907; valid (*Pyla*) 5829

*fusca* (Haworth, 1811); valid (*Phycis*) 5829

*spadicella* (Zincken, 1818); syn. (*Phycis*) 5829

*carbonariella* (F. v. Röslerstamm, 1834–1843); syn. (*Phycis*) 5829

*janthinella* (Duponchel, 1836); syn. (*Phycis*) 5829

*posticella* (Zetterstedt, 1839)\textsuperscript{273}; syn. (*Phycis*) 5829

*annulatella* (Zetterstedt, 1839)\textsuperscript{275}; syn. (*Phycis*) 5829

*bilineata* (Curtis, 1850)\textsuperscript{273}; syn. (*Phycita*) 5829

*moestella* (Walker, 1863); syn. (*Nephopteryx*) 5829

*procellariana* (Walker, 1863); syn. (*Paedisca*) 5829

*frigidella* (Packard, 1867); syn. (*Eudorea*) 5829

*cacabella* (Hulst, 1887); syn. (*Pinipestis*) 5829

*triplagiatella* (Dyar, 1904); syn. (*Salebria*) 5829

**hypochalciella** (Ragonot, 1887); valid (*Nephopteryx*) 5830

*blackmorella* Dyar, 1921; syn. (*Pyla*) 5830

*banhamella* Dyar, 1904; valid (*Pyla*) 5831

*westerlandi* Wilterding & Balogh, 2002\textsuperscript{274}; valid (*Pyla*) 5832

**scintillans** (Grote, 1881); valid (*Nephopteryx*) 5832

*feella* Dyar, 1921; syn. (*Pyla*) 5832

*sylphiella* Dyar, 1921; syn. (*Pyla*) 5832

**longispina** Neunzig, 2003\textsuperscript{275}; valid (*Pyla*) 5833

**serrata** Neunzig, 2003\textsuperscript{275}; valid (*Pyla*) 5834

*rainierella* Dyar, 1904; valid (*Pyla*) 5835

*aeneella* Hulst, 1895; valid (*Pyla*) 5836

*aeneoviridella* Ragonot, 1887; valid (*Pyla*) 5837

*metalicella* Hulst, 1895; valid (*Pyla*) 5838

**fusciella** Barnes & McDunnough, 1917; valid (*Pyla*) 5839

*nigricula* Heinrich, 1956; valid (*Pyla*) 5839
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viridisuffusella Barnes & McDunnough, 1917; valid (Pyla) 5839

Utah Ferris, 2012

sanrafaelensis Ferris, 2012; valid (Utah)

Phycitopsis Ragonot, 1887

flavicornella Ragonot, 1887; valid identity uncertain (Phycitopsis) 5840

Dioryctria Zeller, 1846

Pinipestis Grote, 1878

Dioryctroides Mutuura & Munroe, 1974

Ocrisia Ragonot, 1893

abietivorella (Grote, 1878); valid (Pinipestis) 5841 4145

reniculella (Grote, 1880); syn. (Pinipestis) 5841 4145

elegantella (Hulst, 1892); syn. (Myelois) 5841 4145

taedae Schaber & Wood, 1971; valid (Dioryctria) 5842

reniculelloides Mutuura & Munroe, 1973; valid (Dioryctria) 5843

pseudotsugella Munroe, 1959; valid (Dioryctria) 5844

rossi Munroe, 1959; valid (Dioryctria) 5845 4154

auranticella (Grote, 1883); valid (Nephopteryx) 5846 4151

miniatella Ragonot, 1887; syn. (Dioryctria) 5846 4151

xanthaenobares Dyar, 1911; syn. (Dioryctria) 5846 4151

disclusa Heinrich, 1953; valid (Dioryctria) 5847

erythropasa (Dyar, 1914); valid (Pinipestis) 5848 4152

pygmaeella Ragonot, 1887; valid (Dioryctria) 5849

ponderosae Dyar, 1914; valid (Dioryctria) 5850

okanaganella Mutuura, Munroe & Ross, 1969; valid (Dioryctria) 5851

hodgesi Neunzig, 2003; valid (Dioryctria)

zimmermani Grote, 1877; valid (Nephopteryx (Dioryctria))

austriana (Cosens, 1906); syn. (Retinia) 5852

resinosella Mutuura, 1982; valid (Dioryctria)

delectella (Hulst, 1895); valid (Salebria) 5852

amatella (Hulst, 1887); valid (Nephopteryx) 5853

yatesi Mutuura & Munroe, 1979; valid (Dioryctria)

cambiicola (Dyar, 1914); valid (Pinipestis) 5854

tumicolella Mutuura, Munroe & Ross, 1969; valid (Dioryctria) 5855

contortella Mutuura, Munroe & Ross, 1969; valid (Dioryctria) 5856

monticolella Mutuura, Munroe & Ross, 1969; valid (Dioryctria) 5857

banksiella Mutuura, Munroe & Ross, 1969; valid (Dioryctria) 5858
albovittella (Hulst, 1890); valid (Pinipestis) 5859
westerlandi Donahue & Neunzig, 2002282; valid (Dioryctria)
fordi Donahue & Neunzig, 2002282; valid (Dioryctria)
mutuurai Neunzig, 2003278; valid (Dioryctria)
baumhoferi Heinrich, 1956; valid (Dioryctria) 5860
pentictonella Mutuura, Munroe & Ross, 1969;
valid (Dioryctria) 5861
muricativorella Neunzig, 2003278; valid (Dioryctria)
vancouverella Mutuura, Munroe & Ross, 1969280;
valid (Dioryctria) 5861
durangoensis Mutuura & Neunzig, 1986283;
valid (Dioryctria) 4160
gulosella (Hulst, 1890); valid (Acrobasis) 5862
subtracta Heinrich, 1956; valid (Dioryctria) 5863
clarioralis (Walker, 1863); valid (Nephopteryx) 5863.1
brunneella (Dyar, 1904); syn. (Ulophora) 5863.1
inyoensis Neunzig, 2003278; valid (Dioryctria)
sierra Neunzig, 2003278; valid (Dioryctria)
caesirufella A. Blanchard & Knudson, 1983284;
valid (Dioryctria)
ebeli Mutuura & Munroe, 1979281; valid (Dioryctria)
merkeli Mutuura & Munroe, 1979281; valid (Dioryctria)
taedivorella Neunzig & Leidy, 1989285; valid (Dioryctria)
Oryctometopia Ragonot, 1888
fossulatella Ragonot, 1888; valid (Oryctometopia) 5864 4162
meschleri (Ragonot, 1888); syn. (Phycita) 5864 4162
Sarata Ragonot, 1887
edwardsialis (Hulst, 1886); valid (Megaphycis) 5865
polyphemella (Ragonot, 1887); syn. (Megaphycis) 5865
pullatella (Ragonot, 1887); valid (Megasis) 5866
punctella (Dyar, 1914); valid (Megasis) 5867 4165
septentrionaria Heinrich, 1956286; syn. (Sarata) 5867 4165
incanella Hulst, 1895; valid (Sarata) 5868
aridella (Dyar, 1905); syn. (Megasis) 5868
atrella (Hulst, 1890); valid (Megasis) 5869
caudellella (Dyar, 1904)287; valid (Megasis) 5870
dophnerella Ragonot, 1887; valid (Sarata) 5871
nigrifasciella Ragonot, 1887; valid (Sarata) 5872
cinereella Hulst, 1900; valid (Sarata) 5873
rubrithoracella (Barnes & McDunnough, 1913);
valid (Megasis) 5874
tephrella Ragonot, 1893; valid (Sarata) 5875
alpha Heinrich, 1956286; valid unassociated female (Sarata) 5876
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**beta** Heinrich, 1956; valid unassociated female (Sarata) 5877

**gamma** Heinrich, 1956; valid unassociated female (Sarata) 5878

**iota** Heinrich, 1956; valid unassociated female (Sarata) 5879

**perfuscalis** (Hulst, 1886); valid (Nephopteryx) 5880

  *excantalis* (Hulst, 1886); syn. (Anerastia) 5880

**epsilon** Heinrich, 1956; valid unassociated female (Sarata) 5881

**phi** Heinrich, 1956; valid unassociated female (Sarata) 5882

**kappa** Heinrich, 1956; valid unassociated female (Sarata) 5883

**delta** Heinrich, 1956; valid unassociated female (Sarata) 5884

**Philodema** Heinrich, 1956

  *rholiella* (Dyar, 1904); valid (Sarata) 5885

**Lipographis** Ragonot, 1887

  *fenestrella* (Packard, 1873); valid (Pempelia) 5886 4166

    *leoninella* (Packard, 1873)\(^{288}\); syn. (Pempelia) 5887

    *humilis* Ragonot, 1887; syn. (Lipographis) 5886 4166

    *pallidella* (Dyar, 1904); syn. (Pyla) 5887

  *trunccatella* (W. S. Wright, 1916); valid (Hypochalcia) 5888 4167

  *umbrella* (Dyar, 1908); valid (Sarata) 5889 4168

  *unicolor* Ferris, 2012\(^{289}\); valid (Lipographis)

**Quasisarata** Neunzig, 2003\(^{290}\)

  *subosseella* (Hulst, 1892)\(^{291}\); valid (Lipographis) 4169

**Adelphia** Heinrich, 1956

  *petrella* (Zeller, 1846); valid (Pempelia) 5890 4170

    *rubiginella* (Walker, 1863); syn. (Nephopteryx) 5890 4170

    *rufinalis* (Walker, 1863); syn. (Nephopteryx) 5890 4170

    *hapsella* (Hulst, 1887); syn. (Nephopteryx) 5890 4170

**Pseudadelphia** Neunzig, 2003\(^{292}\)

  *ochripunctella* (Dyar, 1908); valid (Salebria) 5891 4171

**Ufa** Walker, 1863

  *lithosella* (Ragonot, 1887); valid (Selagia) 5892 4173

    *luteella* (Hulst, 1900); syn. (Honora) 5892 4173

    *roseitinctella* (Dyar, 1912)\(^{293}\); syn. (Ancylostomia) 5893 4174

  *senta* Heinrich, 1956; valid (Ufa) 5894 4175

  *rubedinella* (Zeller, 1848); valid (Pempelia) 5895 4176

    *translucida* (Walker, 1863); syn. (Acrobasis) 5895 4176

    *rufescentalis* (Walker, 1863); syn. (Nephopteryx) 5895 4176

    *minualis* (Walker, 1863); syn. (Nephopteryx) 5895 4176

    *deprivalis* (Walker, 1863); syn. (Nephopteryx) 5895 4176

    *venezuelalis* Walker, 1863; syn. (Ufa) 5895 4176

    *pyrrhochrellus* (Ragonot, 1888); syn. (Elasmopalpus) 5895 4176

**Elasmopalpus** Blanchard, 1852

  *lignosellus* (Zeller, 1848); valid (Pempelia) 5896 4178

    *angustellus* Blanchard, 1852; syn. (Elasmopalpus) 5896 4177
tartarella (Zeller, 1872); syn. (Pempelia) 5896 4178
incautella (Zeller, 1872); syn. (Pempelia) 5896 4178
major (Zeller, 1874); syn. (Pempelia) 5896 4178
anthracellus Ragonot, 1888; syn. (Elasmopalpus) 5896 4178
carbonella (Hulst, 1888); syn. (Daspyga) 5896 4178
puer Dyar, 1919; syn. (Elasmopalpus) 5896 4178

**Acroncosa** Barnes & McDunnough, 1917
albiflavella Barnes & McDunnough, 1917; valid (Acroncosa) 5897
minima Neunzig, 2003294; valid (Acroncosa)
castrella Barnes & McDunnough, 1917295; valid (Acroncosa) 5897
similella Barnes & McDunnough, 1917; valid (Acroncosa) 5898

**Passadena** Hulst, 1900
flavidorsella (Ragonot, 1887); valid (Anoristia) 5899 4179
canescentella (Hulst, 1890); syn. (Meropera) 5899 4179
constantella Hulst, 1900; syn. (Passadena) 5899 4179
cinctella (Hulst, 1900); syn. (Megas) 5899 4179

**Passadenoides** Neunzig, 2003296
donabuei Neunzig, 2003; valid (Passadenoides)
pullus Neunzig, 2003; valid (Passadenoides)
montanus Ferris, 2004297; valid (Passadenoides)

**Chorrera** Dyar, 1914
extrincica (Dyar, 1919)298; valid (Rhodophaea) 4185

**Ulophora** Ragonot, 1890
Acromeseres Dyar, 1919
groteii Ragonot, 1890; valid (Ulophora) 5900
tephrosiella Dyar, 1904; syn. (Ulophora) 5900

**Tacoma** Hulst, 1888
feriella Hulst, 1888; valid (Tacoma) 5901 4187
submedianella Dyar, 1913; syn. (Tacoma) 5901 4187

**Ragonotia** Grote, 1888; repl. name
Ciris Ragonot, 1887; preocc. by Koch, 1846
Psammia Hampson, 1930
dotalis (Hulst, 1886); valid (Anerastia) 5902 4188
discigerella (Ragonot, 1887); syn. (Ciris) 5902 4188
olivella (Hulst, 1888); syn. (Anoristia) 5902 4188
saganella Hulst, 1890; syn. (Ragonotia) 5902 4188
indianella (Dyar, 1923); syn. (Megas) 5902 4188
megasis (Dyar, 1923)5; syn. (Megas)
flavipicta (Hampson, 1930); syn. (Psammia) 5902 4188

**Martia** Ragonot, 1887
Urula Hulst, 1900
arizonella Ragonot, 1887; valid (Martia) 5903 4190
incongruella (Hulst, 1900); syn. (Urula) 5903 4190
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Eumysia Dyar, 1925
- **mysiella** (Dyar, 1905); valid (**Yosemitia**) 5904 4193
- **maidella** (Dyar, 1905); valid (**Yosemitia**) 5905 4194
- **palpipedennella** (Hulst, 1895)\(^{299}\); valid (**Volusia**) 4195
- **fuscatella** (Hulst, 1900); valid (**Zophodia**) 5906 4196
- **semicana** Heinrich, 1956; valid (**Eumysia**) 5907
- **idahoensis** Mackie, 1958; valid (**Eumysia**) 5908

Arcola Shaffer, 1995
- **Vogtia** Pastrana, 1961; preocc. by (Kölliker, 1853)
- **malloi** (Pastrana, 1961)\(^{300}\); valid introduced (**Vogtia**) 4202

Macrorrhinia Ragonot, 1887
- **Dolichorrhinia** Ragonot, 1888; repl. name
- **Ocala** Hulst, 1892\(^{301}\)
- **Divitiaca** Barnes & McDunnough, 1913\(^{301}\)
- **ochrella** (Barnes & McDunnough, 1913); valid (**Divitiaca**) 5909 4198
  - **simulella** (Barnes & McDunnough, 1913)\(^{302}\);
    - syn. (**Divitiaca**) 5910 4199
- **parvulella** (Barnes & McDunnough, 1913); valid (**Divitiaca**) 5911 4197
  - **a. consociata** (Heinrich, 1956)\(^{3}\); ssp. extralimital (**Divitiaca**) 5912 4203
- **aureofasciella** Ragonot, 1887; valid (**Macrorrhinia**) 5914 4207
- **endonephle** (Hampson, 1918)\(^{303}\); valid (**Rinaphe**) 4200
  - **ignetincta** (Hampson, 1918)\(^{303, 304}\); syn. (**Rinaphe**) 4201
  - **signifera** A. Blanchard, 1976\(^{304}\); syn. (**Macrorrhinia**) 5913 4203
- **dryadella** (Hulst, 1892); valid (**Ocala**) 5914 4207
- **platanella** (Grossbeck, 1917); syn. (**Dolichorrhinia**) 5914 4207

Maricopa Hulst, 1890\(^{305}\)
- **Valdivia** Ragonot, 1888; preocc. by White, 1847
- **lativittella** (Ragonot, 1887); valid (**Ciris**) 5915 4209
  - **aureomaculella** (Dyar, 1903); syn. (**Zophodia**) 5915 4209

Protaadia Heinrich, 1956
- **mirabilicornella** (Dyar, 1908)\(^{306}\); valid (**Valdivia**) 4211

Ancylosis Zeller, 1839
- **Heterographis** Ragonot, 1885\(^{5}\)
- **Staudingeria** Ragonot, 1887\(^{307}\)
- **Hedemannia** Ragonot, 1887\(^{5}\)
- **Syria** Ragonot, 1887\(^{5}\)
- **Mona** Hulst, 1888; preocc. by Reichenbach, 1863
- **Cabotia** Ragonot, 1888\(^{5}\)
- **Hypographia** Ragonot, 1890\(^{5}\)
- **Hypogryphia** Ragonot, 1890\(^{5}\); unnecessary replac. name
- **Enystia** Hampson, 1901
- **Hulstia** Hampson, 1901\(^{5}\)
- **Harnocha** Dyar, 1914\(^{5}\)
Acornigerula Amsel, 1935
Cornigerula Amsel, 1935
Iransharia Amsel, 1959

Pseudocabotia A. Blanchard & Knudson, 1985

morrisonella (Ragonot, 1887); valid (Heterographis)
  coloradensis (Ragonot, 1887); syn. (Heterographis)  5916 4212
  olbiella (Hulst, 1888); syn. (Mona)  5916 4212
  ignistrigella (Ragonot, 1901); syn. (Heterographis)  5916 4212
  palloricostella (Walter, 1928); syn. (Honora)  5916 4212

albipenella (Hulst, 1887); valid (Pempelia)
  olivacella (Dyar, 1904); syn. (Staudingeria)  5917 4213
  perluteella (Dyar, 1904); syn. (Staudingeria)  5917 4213

undulatella (Clemens, 1860); valid (Nephoteryx)
  rubiginalis (Walker, [1866]); syn. (Scoparia)  5918 4214
  obispella (Hulst, 1888); syn. (Honora)  5918 4214
  oblitella (Ragonot, 1889);
    syn. not Zeller, 1848 (Heterographis)  5918 4214
  fimosella (Hulst, 1900); syn. (Honora)  5918 4214

bonhoti (Hampson, 1901); valid (Encystia)  4225

balconiensis (A. Blanchard & Knudson, 1985); valid (Pseudocabotia)  4226

Honora Grote, 1878

mellinella Grote, 1878; valid (Honora)  5919 4215
  ochrimaculella Ragonot, 1887; syn. (Honora)  5919 4215

subsciurella Ragonot, 1887; valid (Honora)  5920

sciurella Ragonot, 1887; valid (Honora)  5921
dotella Dyar, 1910; valid (Honora)  5922 4216

montinatatella (Hulst, 1887); valid (Spermatophthora)
  canicostella Ragonot, 1887; syn. (Honora?)  5923

perdubiella (Dyar, 1905); valid (Zophodia)  5924
dulciella Hulst, 1900; valid (Honora)  5925

Canarsia Hulst, 1890

Canarsiana Strand, 1920

ulmiarrosorella (Clemens, 1860); valid (Nephoteryx)  5926 4227
  pneumatella (Hulst, 1887); syn. (Stenoptycha)  5926 4227
  ulmella (Ragonot, 1887); syn. (Psorosa)  5926 4227
  fuscatella (Hulst, 1888); syn. (Honora)  5926 4227
  gracilella Hulst, 1900; syn. (Canarsia)  5926 4227
  feliculella Dyar, 1907; syn. (Canarsia)  5926 4227
  discocellularis (Strand, 1920); syn. (Canarsiana)  5926 4227

Eurythmidia Hampson, 1901

ignidorsella (Ragonot, 1887); valid (Eurythmia)  5927 4230

Wunderia Grossbeck, 1917

neaeriatella Grossbeck, 1917; valid (Wunderia)  5928 4231
Diviana Ragonot, 1888
   Dannemora Hulst, 1890
   **eudoreella** Ragonot, 1888; valid (Diviana) 5929
   **edentella** (Hulst, 1890); syn. (Dannemora) 5929

Palatka Hulst, 1892
   **Palatka** Hulst, 1891; nomen nudum
   **nymphaeella** (Hulst, 1892); valid (Diviana) 5930 4234
   **verecuntella** (Grossbeck, 1917); syn. (Diviana) 5930 4234
   **powelli** Neunzig & Solis, 1996311; valid (Palatka)

Psorosina Dyar, 1904
   **hammondi** (Riley, 1872); valid (Pempelia) 5931
   **angulella** Dyar, 1904; syn. (Psorosina) 5931

Patriciola Heinrich, 1956
   **semicana** Heinrich, 1956; valid (Patriciola) 5932

Anderida Heinrich, 1956
   **sonorella** (Ragonot, 1887); valid emendation (Euzophera)
   **senorella** (Ragonot, 1887); syn. incorrect original spelling (Euzophera)
   **placidella** (Dyar, 1908); syn. (Euzophera) 5933 4239
   **peorinella** A. Blanchard & Knudson, 1985312; valid (Anderida) 4240

Cassiana Heinrich, 1956
   **malacella** (Dyar, 1914)313; valid (Vitula) 4241

Mescinia Hampson, 1901
   **estrella** Barnes & McDunnough, 1913; valid (Mescinia) 5934 4245
   **berosa** Dyar, 1914314; valid (Mescinia) 4250
   **parvula** (Zeller, 1881)315; valid (Ephestia)
      **neoparvula** Neunzig & Dow, 1993316; syn. (Mescinia) 4248
   **texitanica** Neunzig, 1997317; valid (Mescinia)

Phestinia Hampson, 1930
   **costella** Hampson, 1930318; valid (Phestinia) 4256

Comotia Dyar, 1914
   **torsicornis** Dyar, 1914319; valid (Comotia) 4257

Homoeosoma Curtis, 1833
   **Phycidea** Zeller, 1839
   **Lotria** Guenée, 1845
   **Anhomo eosoma** Roesler, 19655

   **electella** (Hulst, 1887); valid (Anerastia)
      **opalescella** (Hulst, 1887); syn. (Ephestia) 5935 4267
      **texitanella** Ragonot, 1887; syn. (Homoeosoma) 5935 4267
      **tenniu punctella** Ragonot, 1887; syn. (Homoeosoma) 5935 4267
      **differtella** Barnes & McDunnough, 1913; syn. (Homoeosoma) 5935 4267
phaeoboreas Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma)

*strypticella* Grote, 1878; valid (Homeosoma) 5936

*striatellum* Dyar, 1905; valid (Homoeosoma) 5937 4274

  *breviplicitum* Heinrich, 1956\textsuperscript{21}; syn. (Homoeosoma) 5938 4274

  *imitator* Heinrich, 1956\textsuperscript{21}; syn. (Homoeosoma) 5940 4274

*asylonnastes* Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma)

*oslarellum* Dyar, 1905; valid (Homoeosoma) 5938 4270

*parvalbum* A. Blanchard & Knudson, 1985\textsuperscript{322}; valid (Homoeosoma) 4272

*oxy cercus* Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma) 4271

*illuv 1 la* Ragonot, 1888; valid (Homoeosoma) 5939 4269

  *candidella* Hulst, 1888; syn. (Homoeosoma) 5939 4269

*emendator* Heinrich, 1956\textsuperscript{23}; valid (Homoeosoma) 5939

*albescentella* Ragonot, 1887; valid (Homoeosoma) 5941 4266

  *elongellum* Dyar, 1903; syn. (Homoeosoma) 5941 4266

*im pressalis* Hulst, 1886; valid (Homeosoma) 5942

*inornatella* (Hult, 1900); valid (Euzophera) 5943

*n anoph asma* Neunzig, 1997\textsuperscript{324}; valid (Homoeosoma)

*uncanalis* (Hult, 1886); valid (Nephoptyx) 5936

*deceptorium* Heinrich, 1956; valid (Homoeosoma) 5944

*ammonastes* Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma)

*pedionnastes* Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma) 4273

*er emoph asma* Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma) 4268

*ardaloniphas* Goodson & Neunzig, 1993\textsuperscript{320}; valid (Homoeosoma)

*Patagonia* Ragonot, 1901

 *pere grinum* (Heinrich, 1956); valid (Homoeosoma) 5945 4294

*Phycitodes* Hampson, 1917\textsuperscript{325}

  *Rotru 1 da* Heinrich, 1956

  *mucidella* (Ragonot, 1887)\textsuperscript{326}; valid (Homoeosoma) 5946 4295

  *re liequellum* (Dyar, 1904)\textsuperscript{526}; valid (Homoeosoma) 5946 4295

*Unadilla* Hulst, 1890

  *Str ymax* Dyar, 1914

  *mat urella* (Zeller, 1881); valid (Homoeosoma) 4299

  *flori densis* Heinrich, 1956\textsuperscript{327}; syn. (Unadilla) 5947 4301

  *error nell 1 a* (Zeller, 1881); valid (Homoeosoma) 4298

  *ubacensis* (Zeller, 1881); syn. (Homoeosoma) 4298

  *nasutella* Hulst, 1890\textsuperscript{328}; syn. (Unadilla) 5948

  *bipunctella* (Hampson, 1901); syn. (Ephestia) 4298
dorae (Dyar, 1914); syn. (Strymax) 4298
pyllis (Dyar, 1914); syn. (Strymax) 4298

Laetilia Ragonot, 1889
coccidivora (J. H. Comstock, 1879); valid (Dakruma) 5949 4304
  a. cardini Dyar, 1918; ssp. (Laetilia) 4304
dilatifasciella (Ragonot, 1887)329; valid (Zophodia) 5949 4304
bulstii Cockerell, 1897329; valid (Laetilia)
  quadricolorrella (Dyar, 1904); syn. (Atascosa) 5949 4304
zamacrella Dyar, 1925; valid (Laetilia) 5950
myersella Dyar, 1910; valid (Laetilia) 5951
ephesiella (Ragonot, 1887); valid (Dakruma)
  lustrella (Dyar, 1903); syn. (Maricopa) 5952
fiskeella Dyar, 1904; valid (Laetilia) 5953
cinerosella Neunzig, 1997330; valid (Laetilia)
bellivorella Neunzig, 1997330; valid (Laetilia)

Rostrolaetilia A. Blanchard & Ferguson, 1975
placidella (Barnes & McDunnough, 1918);
  valid (Parramatta) 5954
minimella A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5955
placidissima A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5956
utabensis A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5957
coloradella A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5958
eureka A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5959
nigromaculella (Hulst, [1901]); valid (Aurora) 5960 4310
ardiferella (Hulst, 1888); valid (Altoona) 5961 4311
texanella A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5962 4312
pinalensis A. Blanchard & Ferguson, 1975;
  valid (Rostrolaetilia) 5963 4313

Welderella A. Blanchard, 1978
parvella (Dyar, 1906); valid (Ollia) 5964 4314

Baphala Heinrich, 1956
pallida (J. H. Comstock, 1880)333; valid (Dakruma)
  basimaculatella (Ragonot, 1887); syn. (Vitula) 5965
eremiiella (Dyar, 1910)333; valid (Laetilia)
phaeolella Neunzig, 1997333; valid (Baphala)

Rhagea Heinrich, 1956
packardella (Ragonot, 1887); valid (Zophodia) 5966 4322
orobanchella (Dyar, 1904); syn. (Zophodia) 5966 4322
*stigmella* (Dyar, 1910); valid (*Zophodia*)

*maculicula* (Dyar, 1913); syn. (*Yosemitia*)

**Zophodia** Hübner, [1825]

*Dakruma* Grote, 1878

*grossulariella* (Hübner, [1809]); valid (*Tinea*)

*convolutella* (Hübner, 1796); syn. (*Tinea*)

*grossularialis* Hübner, 1825; syn. emendation (*Zophodia*)

*grossulariae* (Riley, 1869); syn. (*Pempelia*)

*turbatella* (Grote, 1878); syn. (*Dakruma*)

*franconiella* (Hulst, 1890); syn. (*Euzophera*)

*bella* Hulst, 1892; syn. (*Zophodia*)

*pallidella* Lambillon, 1921; syn. (*Zophodia*)

*ihouna* Dyar, 1925; syn. (*Zophodia*)

*dilativitta* Dyar, 1925; syn. (*Zophodia*)

*magnificans* Dyar, 1925; syn. (*Zophodia*)

**epischnioides** Hulst, 1900; valid misplaced (*Zophodia*)

**multistriatella** (A. Blanchard & Knudson, 1981); valid (*Ozamia*)

**Melitara** Walker, 1863

*Megaphycis* Grote, 1882

*Olycella* Dyar, 1928

*prodenialis* Walker, 1863; valid (*Melitara*)

*bollii* (Zeller, 1872); syn. (*Zophodia*)

*dentata* (Grote, 1876); valid (*Zophodia*)

*texana* Neunzig, 1997; valid (*Melitara*)

*doddalis* Dyar, 1925; valid (*Melitara*)

*apicigrammella* A. Blanchard & Knudson, 1985; valid (*Melitara*)

*junctolineella* Hulst, 1900; valid (*Melitara*)

*a. pectinatella* (Hampson, 1901); ssp. extralimita? (*Olyca*)

*subumbrella* (Dyar, 1925); valid (*Olyca*)

**Alberada** Heinrich, 1939

*parabates* (Dyar, 1913); valid (*Melitara*)

*bidentella* (Dyar, 1908); valid (*Zophodia*)

*holochlora* (Dyar, 1925); syn. (*Zophodia*)

*californiensis* Neunzig, 1997; valid (*Alberada*)

*franclemonti* Neunzig, 1997; valid (*Alberada*)

*candida* Neunzig, 1997; valid (*Alberada*)

**Cactoblastis** Ragonot, 1901

*Neopyralis* Brèthes, 1920

*cactorum* (Berg, 1885); valid introduced (*Zophodia*)

**Cahela** Heinrich, 1939

*ponderosella* (Barnes & McDunnough, 1918); valid (*Olyca*)
purgatoria (Dyar, 1925); syn. (Zophodia) 5977 4339
interstitialis (Dyar, 1925); syn. (Cactobrosis) 5977 4339
phoenicis (Dyar, 1925); syn. (Cactobrosis) 5977 4339

Rumatha Heinrich, 1939
glaucatella (Hulst, 1888); valid (Honora) 5978 4340
bibinda (Dyar, 1922); valid (Zophodia) 5979 4342
jacumba Neunzig, 1997\textsuperscript{342}; valid (Rumatha) 5980 4341
polingella (Dyar, 1906); valid (Zophodia) 5980 4341

Yosemitia Ragonot, 1901
graciella (Hulst, 1887); valid (Spermatophthora) 5981 4343
longipennella (Hulst, 1888)\textsuperscript{343}; syn. (Zophodia) 5982 4344
fieldiella (Dyar, 1913); valid (Zophodia) 5983

Eremberga Heinrich, 1939
leuconips (Dyar, 1925); valid (Cactobrosis) 5984 4349
creabates (Dyar, 1923); valid (Olyca) 5985 4350
insignis Heinrich, 1939; valid (Eremberga) 5986 4351

Ozamia Hampson, 1901
fuscomaculella (W. S. Wright, 1916); valid (Euzophera) 5987 4359
  heliophila Dyar, 1925; syn. (Ozamia) 5987 4359
clarefacta Dyar, 1919\textsuperscript{344}; valid (Ozamia) 5987 4359
thalassophila Dyar, 1925; valid (Ozamia) 5988 4360
lucidalis (Walker, 1863)\textsuperscript{345}; valid (Trachonitis) 4358

Cactobrosis Dyar, 1914
fernaldialis (Hulst, 1886); valid (Megaphycis) 5989 4366
gigantella (Ragonot, 1888); syn. (Euzophera) 5989 4366
cinereella (Hulst, 1900); syn. (Honora) 5989 4366

Echinocereta Neunzig, 1997\textsuperscript{346}
strigalis (Barnes & McDunnough, 1912); valid (Euzophera) 5991 4370

Lascelina Heinrich, 1956
canens Heinrich, 1956; valid (Lascelina) 5992 4373

Metepehestia Hampson, 1901
simplicula (Zeller, 1881); valid (Ephesia) 5993 4374

Selga Heinrich, 1956
arizonella (Hulst, 1900); valid (Heterographis) 5994 3963
californica Neunzig, 1990\textsuperscript{347}; valid (Selga)

Pseudocabima Heinrich, 1956
arizonensis Heinrich, 1956\textsuperscript{348}; valid (Pseudocabima) 3994

Euzophera Zeller, 1867; repl. name
  Stenoptycha Heinemann, 1865; preocc. by Agassiz, 1862
  Melia Heinemann, 1865;
    preocc. by Bosc [in Risso], 1813, repl. name
  Pistogenes Meyrick, 1937
  Ahwazia Amsel, 1949
Cymbalorissa Gozmány, 1958

Longignathia Roesler, 1965

Quadrempista Roesler, 1973

semifuneralis (Walker, 1863); valid (Nephopteryx)

aglaeella Ragonot, 1887; valid (Euzophera)

babrella Neunzig, 1990; valid (Euzophera)

vinnulella Neunzig, 1990; valid (Euzophera)

magnolialis Capps, 1964; valid (Euzophera)

ostricolerella Hulst, 1890; valid (Euzophera)

nigricantella Ragonot, 1887; valid (Euzophera)

griselda Dyar, 1913; syn. (Euzophera)

Eulogia Heinrich, 1956

ochrifrontella (Zeller, [1876]); valid (Ephestia)

ferruginella (Ragonot, 1887); syn. (Euzophera)

Ephestiodes Ragonot, 1887

gilvescentella Ragonot, 1887; valid (Ephestiodes)

infimella Ragonot, 1887; valid (Ephestiodes)

monticolus Neunzig, 1990; valid (Ephestiodes)

erythrella Ragonot, 1887; valid (Ephestiodes)

coloradella (Hulst, 1900); syn. (Eurythmia)

benjaminella Dyar, 1904; syn. (Ephestiodes)

mignonella Dyar, 1908; valid (Ephestiodes)

griseus Neunzig, 1990; valid (Ephestiodes)

erasa Heinrich, 1956; valid (Ephestiodes)

Australaphestiodes Neunzig, 1990

stictella (Hampson, 1901); valid (Unadilla)

uniformella (Hampson, 1901); syn. (Ephestiodes)

granulella (Hampson, 1901); syn. (Ephestiodes)

Moodnodes Neunzig, 1990

plorella (Dyar, 1914); valid (Ephestiodes)

vestilla (Dyar, 1914); syn. (Eurythmia)

Moodna Hulst, 1890

ostrinella (Clemens, 1860); valid (Ephestia)

obtusangulella (Ragonot, 1887); syn. (Hornigia)

pelviculella Hulst, 1890; syn. (Moodna)

pallidostrinella Neunzig, 1990; valid (Moodna)

bisinuella Hampson, 1901; valid (Moodna)

Vitula Ragonot, 1887

Hornigia Ragonot, 1887; preocc. by Ragonot, 1885

Manhatta Hulst, 1890

edmandsii (Packard, 1865); valid (Nephopteryx)

dentosella Ragonot, 1887; syn. (Vitula)
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edmandsae Heinrich, 1956; syn. emendation (Vitula) 6007

serratilineella Ragonot, 1887\textsuperscript{358, 359}; valid (Vitula) 6007

bombylicolella (Amsel, 1955); syn. (Moodna) 6007

pinei Heinrich, 1956; valid (Vitula) 6009

aeegerella Neunzig, 1990\textsuperscript{360}; valid (Vitula) 4415

insula Neunzig, 1990\textsuperscript{360}; valid (Vitula)

coconinoana Neunzig, 1990\textsuperscript{360}; valid (Vitula) 4416

setonella (McDunnough, 1927); valid (Moodna) 6010

broweri (Heinrich, 1956); valid (Manhatta) 6011

Volatica Heinrich, 1956

gallivorella Neunzig, 1990\textsuperscript{361}; valid (Volatica) 4425

Caudellia Dyar, 1904

apyrella Dyar, 1904; valid (Caudellia) 6012

albovittella Dyar, 1904\textsuperscript{362}; syn. (Caudellia) 6013

floridensis Neunzig, 1990\textsuperscript{363}; valid (Caudellia) 4431

nigrella (Hulst, 1890); valid (Ephestia) 6014 4427

arizonella (Walter, 1928); syn. (Ephestia) 6014 4427

Sosipatra Neunzig, 1990\textsuperscript{364}

rileyella (Ragonot, 1887); valid (Ephestia) 6015 4436

anthophsila (Dyar, 1925); valid (Eurythmia) 6016 4437

proximanthophsila Neunzig, 1990\textsuperscript{364}; valid (Sosipatra)

thurberiae (Dyar, 1917); valid (Eurythmia) 6017 4438

knudsoni Neunzig, 1990\textsuperscript{364}; valid (Sosipatra) 4439

nonparilella (Dyar, 1904); valid (Ephestia) 6018 4440

Heinrichiessa Neunzig, 1990\textsuperscript{365}

sanpetella Neunzig, 1990; valid (Heinrichiessa)

Ribua Heinrich, 1940

drooozi Neunzig, 1990\textsuperscript{366}; valid (Ribua)

innoxia Heinrich, 1940\textsuperscript{366}; valid (Ribua) 4445

Bethulia Ragonot, 1888

championella Ragonot, 1888\textsuperscript{368}; valid (Bethulia) 4444

Plodia Guenée, 1845

interpunctella (Hübner, [1813]); valid (Tinea) 6019 4448

interpunctalis (Hübner, 1825); syn. (Tinea) 6019 4448

zeae (Fitch, 1856); syn. (Tinea) 6019 4448

castaneella Reutti, 1898; syn. (Plodia) 6019 4448

latercula (Hampson, 1901); syn. (Unadilla) 6019 4448

glycinivora (Matsumura, 1917); syn. (Ephestia) 6019 4448

Ephestia Guenée, 1845

Hyphantidium Scott, 1859

Anagasta Heinrich, 1956\textsuperscript{369}

kuebniella Zeller, 1879; valid (Ephestia) 6020 4452

fuscofasciella Ragonot, 1887; syn. (Ephestia) 6020 4452

gitonella Druce, 1896; syn. (Ephestia) 6020 4452
ischnomorpha (Meyrick, 1931)\textsuperscript{370}; syn. (Homoeosoma) 4452

\textit{alba} Roesler, 1966;

syn. form infrasubspecific (\textit{Ephestia} (\textit{Anagasta})) 4452

\textit{nigra} Roesler, 1966;

syn. form infrasubspecific (\textit{Ephestia} (\textit{Anagasta})) 4452

\textbf{columbiella} Neunzig, 1990\textsuperscript{371}; valid (\textit{Ephestia})

\textit{elutella} (Hübner, 1796); valid (\textit{Tinea}) 6021 4451

\textit{aquella} (Denis & Schiffermüller, 1775)\textsuperscript{372}; syn. (\textit{Tinea}) 4451

\textit{elutea} (Haworth, [1811]); syn. emendation (\textit{Phycis}) 6021 4451

\textit{semirufa} (Haworth, [1811]); syn. (\textit{Phycis}) 6021 4451

\textit{angusta} (Haworth, [1811]); syn. (\textit{Phycis}) 6021 4451

\textit{rufa} (Haworth, [1811]); syn. (\textit{Phycis}) 6021 4451

\textit{sericarium} (Scott, 1859); syn. (\textit{Hyphantidium}) 6021 4451

\textit{roxburghii} Gregson, 1871; syn. (\textit{Ephestia}) 6021 4451

\textit{infumatella} Ragonot, 1887; syn. (\textit{Ephestia}) 6021 4451

\textit{affisella} (Ragonot, 1888); syn. (\textit{Homoeosoma}) 6021 4451

\textit{icosiella} Ragonot, 1888; syn. (\textit{Ephestia}) 6021 4451

\textit{amarella} Dyar, 1904; syn. (\textit{Ephestia}) 6021 4451

\textit{uniformata} Dufrane, 1942;

syn. infrasubspecific, aberration (\textit{Ephestia}) 6021 4451

\textit{pterogrisella} Roesler, 1965\textsuperscript{373}; syn. (\textit{Ephestia}) 4451

\textbf{Uncitruncata} Neunzig, 2000\textsuperscript{374}

\textbf{leuschneri} Neunzig, 2000; valid (\textit{Uncitruncata})

\textbf{Cadra} Walker, 1864

\textit{Xenephestia} Gozmány, 1958

\textit{cautella} (Walker, 1863); valid (\textit{Pempelia}) 6022 4453

\textit{defectella} Walker, 1864; syn. (\textit{Cadra}) 6022 4453

\textit{desuetella} (Walker, 1866); syn. (\textit{Nephopteryx}) 6022 4453

\textit{passulella} (Barrett, 1875); syn. (\textit{Ephestia}) 6022 4453

\textit{formosella} (Wileman & South, 1918);

syn. (\textit{Cryptoblabes}) 6022 4453

\textit{rotundatella} (Turati, 1930); syn. (\textit{Ephestia}) 6022 4453

\textit{pelopis} (Turner, 1947); syn. (\textit{Ephestia}) 4453

\textit{irakella} (Amsel, 1959); syn. (\textit{Ephestia}) 6022 4453

\textbf{figulilella} (Gregson, 1871); valid (\textit{Ephestia}) 6023 4454

\textit{ficulella} (Barrett, 1875); syn. emendation (\textit{Ephestia}) 6023 4454

\textit{milleri} (Zeller, [1876]); syn. (\textit{Ephestia}) 6023 4454

\textit{gypsella} (Ragonot, 1887); syn. (\textit{Ephestia}) 6023 4454

\textit{venosella} (Turati, 1926); syn. (\textit{Ephestia}) 6023 4454

\textit{ernestinella} (Turati, 1927); syn. (\textit{Ephestia}) 6023 4454

\textit{halfaella} Roesler, 1966;

syn. form infrasubspecific (\textit{Cadra}) 4454

\textbf{Bandera} Ragonot, 1887

\textit{Nasutes} Hampson, 1930
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- **binotella** (Zeller, 1872); valid (Anerastia) 6024 4455
  - **subluteella** Ragonot, 1887; syn. (Bandera) 6024 4455
- **cupidinella** Hulst, 1888; valid (Bandera) 6025 4456
  - **conspersella** (Ragonot, 1901); syn. (Anerastia) 6025 4456
  - **venata** (Hampson, 1930); syn. (Nasutes) 6025 4456
- **virginella** Dyar, 1908; valid (Bandera) 6026 4457

- **Wakulla** Shaffer, 1968
  - **carneella** (Barnes & McDunnough, 1913); valid (Bandera) 6027 4458

- **Tampa** Ragonot, 1887
  - **dimediatella** Ragonot, 1887; valid (Tampa) 6028 4459

- **Varneria** Dyar, 1904
  - **postremella** Dyar, 1904; valid (Varneria) 6029
  - **atrifasciella** Barnes & McDunnough, 1913; valid (Varneria) 6030 4463

- **Eurythmia** Ragonot, 1887
  - **hospitella** (Zeller, [1876]); valid (Ephestia) 6031 4464
  - **angulella** Ely, 1910; valid (Eurythmia) 6032
    - **diffusella** Ely, 1910; syn. (Eurythmia) 6032
  - **furnella** Ely, 1910; valid (Eurythmia) 6033
  - **spaldingella** Dyar, 1905; valid (Eurythmia) 6031
  - **yavapaella** Dyar, 1906; valid (Eurythmia) 6031 4465

- **Erelieva** Heinrich, 1956
  - **quantulella** (Hulst, 1887); valid (Pempelia) 6034 4466
    - **santiagella** (Dyar, 1919); syn. (Eurythmia) 6034 4466
  - **parvulella** (Ely, 1910); valid (Eurythmia) 6035

- **Barberia** Dyar, 1905
  - **affinitella** Dyar, 1905; valid (Barberia) 6036 4469

- **Bema** Dyar, 1914
  - **Relmis** Dyar, 1914
    - **neuricella** (Zeller, 1848); valid (Ephestia) 4261
      - **myja** Dyar, 1914; syn. emendation (Bema) 4261

- **Cabnia** Dyar, 1904
  - **myronella** Dyar, 1904; valid (Cabnia) 6037

- **Anerastia** Hübner, 1825
  - **Prinanerastia** Hampson, 1918
    - **lotella** (Hübner, 1813); valid (Tinea) 6038
      - **miniosella** (Zincken, 1818); syn. (Phycis) 6038

- **Coenochroa** Ragonot, 1887
  - **Petaluma** Hulst, 1888
    - **Alamosa** Hampson, 1901
      - **californiella** Ragonot, 1887; valid (Coenochroa) 6039 4472
        - **inspergella** Ragonot, 1887; syn. (Coenochroa) 6039 4472
        - **monomacula** Dyar, 1914; syn. (Coenochroa) 4472
        - **miasticata** (Hampson, 1918); syn. (Metacrateria) 4472
      - **illibella** (Hulst, 1887); valid (Anerastia) 6040 4473
puricostella Ragonot, 1887; syn. (Coenochroa) 6040 4473
piperatella (Hampson, 1901); syn. (Alamosa) 6040 4473
bipunctella (Barnes & McDunnough, 1913); valid (Alamosa) 6041 4474

**Peoria** Ragonot, 1887

*Aurora* Ragonot, 1887
*Statina* Ragonot, 1887
*Ceara* Ragonot, 1888
*Calera* Ragonot, 1888
*Altoona* Hulst, 1888
*Cayuga* Hulst, 1888
*Volusia* Hulst, 1890; preocc. by Robineau-Desvoidy, 1830
*Wekiva* Hulst, 1890
*Osceola* Hulst, 1891; nomen nudum
*Chipeta* Hulst, 1892
*Trivolusia* Dyar, [1903]; repl. name
*Ollia* Dyar, 1904

*longipalpella* (Ragonot, 1887); valid (Aurora) 6042
*bipartitella* Ragonot, 1887; valid (Peoria) 6043

*roseopennella* (Hulst, 1890); syn. (Volusia) 6043

tetradella (Zeller, 1872); valid (Anerastia) 6044 4550
*opacella* (Hulst, 1887); valid (Anerastia) 6045 4544
dichroeella (Ragonot, 1889); syn. (Saluria) 6045 4544

*floridella* Shaffer, 1968; valid (Peoria) 6046

*padreella* A. Blanchard, 1980\(^{578}\); valid (Peoria) 6047

*rostrella* (Ragonot, 1887); valid (Saluria) 6048

gemmatella (Hulst, 1887); valid (Spermatophthora) 6048 4541

*bistriatella* (Hulst, 1890); syn. (Cayuga) 6048 4541
*pamponerella* (Dyar, 1908); syn. (Pectinigera) 6048 4541

*roseotinctella* (Ragonot, 1887); valid (Statina) 6049 4547
*punctilimbella* (Ragonot, 1888); syn. (Calera) 6049 4547
*bifasciella* (Hampson, 1901); syn. (Statina) 6049 4547

*johnstoni* Shaffer, 1968; valid (Peoria) 6050 4543

*santaritella* (Dyar, 1904); valid (Ollia) 6051 4548

*holoponerella* (Dyar, 1908); valid (Ollia) 6052 4542

*approximella* (Walker, 1866); valid (Eurhodope) 6053

*haematica* (Zeller, 1872); syn. (Anerastia) 6053
*roseatella* (Packard, 1873); syn. (Nephopteryx) 6053
*cremoricosta* (Hampson, 1918); syn. (Hypsotropa) 6053

*luteicostella* (Ragonot, 1887); valid (Hypsotropa) 6054

*nodosella* (Hulst, 1890); syn. (Wekiva) 6054
*perlepidellus* (Smith, 1891);
syn. nomen nudum (Osceola)
*perlepidella* (Hulst, 1892); syn. (Chipeta) 6054
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**punctata** Shaffer, 1976; valid (Peoria) 6055

**insularis** Shaffer, 2003\(^{379}\); valid (Peoria)

**gaudiella** (Hulst, 1890)\(^{29}\); valid (Statina) 6056

**Tolima** Ragonot, 1888

**cincaidella** Dyar, 1904\(^{29}\); valid (Tolima) 6057

**Navasota** Ragonot, 1887

**bebetella** Ragonot, 1887\(^{29}\); valid (Navasota) 6058

**Anacostia** Shaffer, 1968

**tribulella** Shaffer, 1968; valid (Anacostia) 6059

**Arivaca** Shaffer, 1968

**pimella** (Dyar, 1906); valid (Poujadia) 6060 4509

**linella** Shaffer, 1968; valid (Arivaca) 6061

**ostreella** (Ragonot, 1887); valid (Saluria)

**discostrigella** (Dyar, 1904); syn. (Peoria) 6062 4507

**poohella** Shaffer, 1968; valid (Arivaca) 6063 4508

**albidella** (Hulst, [1901]); valid (Peoria) 6064 4505

**artella** Shaffer, 1968; valid (Arivaca) 6065 4506

**albicostella** (Grossbeck, 1917); valid (Calera) 6066 4504

**Atascosa** Hulst, 1890

**Eumoorea** Dyar, 1917

**glareosella** (Zeller, 1872); valid (Anerastia) 6067 4511

**bicolorrella** Hulst, 1890; syn. (Atascosa)

**albocostella** (Hulst, 1900); syn. (Maricopa) 6067 4511

**chejelis** (Dyar, 1919); syn. (Poujadia) 4511

**heitzmani** Shaffer, 1980\(^{380}\); valid (Atascosa)

**Homosassa** Hulst, 1890

**ella** (Hulst, 1887); valid (Ephestia) 6068 4534

**platellla** Shaffer, 1968; valid (Homosassa) 6069 4535

**incudella** Shaffer, 1968; valid (Homosassa) 6070

**blanchardi** Shaffer, 1976; valid (Homosassa) 6071

**Reynosa** Shaffer, 1968

**floscella** (Hulst, 1890); valid (Atascosa) 6072 4551

**Goya** Ragonot, 1888

**Atopothoures** A. Blanchard, 1975

**stictella** (Hampson, 1918); valid (Saluria) 6073 4533

**ovaliger** (A. Blanchard, 1975); valid (Atopothoures) 6074 4531

**Uinta** Hulst, 1888\(^{29}\)

**oreadella** Hulst, 1888; valid (Uinta) 6075

**EPIPASCHIINAE**

**Macalla** Walker, [1859]

**Aradrapha** Walker, [1866]; preocc. by Walker, [1866]

**Mochlocera** Grote, 1876

**Pseudomacalla** Dognin, 1908
thyrsalis Walker, [1859]; valid (Macalla) 5575 3771

mixtalis (Walker, [1866]); syn. (Aradrapha) 5575 3771

phaeobasalis Hampson, 1916; valid (Macalla) 5576 3769

zelleri (Grote, 1876)\textsuperscript{381}; valid (Mochlocera) 5579 3772

Epipaschia Clemens, 1860

superatalis Clemens, 1860; valid (Epipaschia) 5577

borealis (Grote, 1870); syn. (Deuterolyta) 5577

olivalis (Hulst, 1886); syn. (Tetralopha) 5577

Cacozelia Grote, 1878

pemphusalis (Druce, 1899); valid (Pococera) 3658

albomedialis (Barnes & Benjamin, 1924)\textsuperscript{382};

syn. (Epipaschia) 5578 3658

basiochrealis Grote, 1878; valid (Cacozelia) 5580 3655

interruptella (Ragonot, 1888)\textsuperscript{383}; valid (Epipaschia)

dentilineella (Hulst, 1900); syn. (Jocara (Toripalpus)) 5586 3657

elegans (Schaus, 1912)\textsuperscript{383}; valid (Pococera)

neotropa (Amsel, 1956)\textsuperscript{384}; syn. (Tioga) 3656

Milgithea Schaus, 1922

alboplagialis (Dyar, 1905)\textsuperscript{385}; valid (Cacozelia) 5581 3792

trilinearis (Hampson, 1906)\textsuperscript{386}; valid (Jocara) 3796

Toripalpus Grote, 1878\textsuperscript{387}

Yuma Hulst, 1889\textsuperscript{388}

breviornatalis Grote, 1878; valid (Toripalpus) 5584 3886

trabalis Grote, 1881; valid (Toripalpus) 5585 3887

adulatalis Hulst, 1887\textsuperscript{389}; syn. (Toripalpus) 5585 3887

Deuterollyta Lederer, 1863\textsuperscript{390}

Winona Hulst, 1888

Oedonia Dognin, 1906

Ajocara Schaus, 1925

Ajacania Schaus, 1925

majuscula Herrich-Schäffer, 1871; valid (Deuterollyta)

incrustalis (Hulst, 1887); syn. (Toripalpus) 5582 3725

infectalis Möschler, 1890; syn. (Deuterollyta) 3725

ferrifusalis (Hampson, 1906); syn. (Jocara) 3725

obscuralis (Schaus, 1912); syn. (Jocara) 3725

perseella (Barnes & McDunnough, 1913)\textsuperscript{391}; syn. (Jocara) 5583 3725

musettalis (Schaus, 1934); syn. (Jocara) 3725

Oneida Hulst, 1889

lunulalis (Hulst, 1887); valid (Toripalpus) 5588

luniferella Hulst, 1895; valid (Oneida) 5589 3799

diploa Dyar, 1920\textsuperscript{392}; syn. (Oneida) 3799

pallidalis Barnes & Benjamin, 1924\textsuperscript{390};
syn. infrasubspecific? (Oneida) 5589 3799
grisiella Solis, 1991\(^{393}\); valid (Oneida)

**Pococera** Zeller, 1848

* Tetralopha Zeller, 1848\(^{394}\)  
* Lanthaphe Clemens, 1860  
* Hemimataia Lederer, 1863  
* Benta Walker, 1863  
* Auradisa Walker, [1866]  
* Saluda Hulst, 1888  
* Katona Hulst, 1888  
* Loma Hulst, 1888  
* Wanda Hulst, 1888  
* Tioga Hulst, 1888  
* Attacapa Hulst, 1889  
* Afra Ghesquière, 1942\(^5\)

**robustella** (Zeller, 1848); valid (*Tetralopha*)  
  
  **diluculella** (Grote, 1880); syn. (*Tetralopha*)  

**scortealis** (Lederer, 1863); valid (*Hemimataia*)  
  
  **slossi** (Hulst, 1895); syn. (*Benta*)  

**melanogrammos** (Zeller, 1872); valid (*Tetralopha*)  

**texanella** Ragonot, 1888; valid (*Pococera*)  

**callipeplella** (Hulst, 1888); valid (*Tetralopha*)  

**speciosella** (Hulst, 1900); valid (*Benta*)  

**floridella** (Hulst, 1900); valid (*Benta*)  

**subcanalis** (Walker, 1863); valid (*Nephopteryx*)  
  
  **taleolalis** (Hulst, 1886); syn. (*Toripalpus*)  
  
  **querciella** (Barnes & McDunnough, 1913);  
  
  syn. (*Tetralopha*)  

**maritimalis** (McDunnough, 1939); valid (*Tetralopha*)  

**militella** (Zeller, 1848); valid (*Tetralopha*)  
  
  **platanella** (Clemens, 1860); syn. (*Lanthaphe*)  

**aplastella** (Hulst, 1888); valid (*Tioga*)  

**asperatella** (Clemens, 1860); valid (*Lanthaphe*)  

**vacciniivora** (Munroe, 1963); valid (*Tetralopha*)  

**expandens** (Walker, 1863); valid (*Benta*)  
  
  **nepheletella** (Hulst, 1888); syn. (*Loma*)  
  
  **clemensalis** (Dyar, 1904);  
  
  syn. infrasubspecific (*Tetralopha*)  

**spaldingella** (Barnes & Benjamin, 1924); valid (*Tetralopha*)  

**dolorosella** (Barnes & Benjamin, 1924); valid (*Tetralopha*)  

**provoella** (Barnes & Benjamin, 1924); valid (*Tetralopha*)  

**arizonella** (Barnes & Benjamin, 1924); valid (*Tetralopha*)  

**thoracicella** (Barnes & Benjamin, 1924); valid (*Tetralopha*)  

**griseella** (Barnes & Benjamin, 1924); valid (*Tetralopha*)
fuscolotella (Ragonot, 1888); valid (Tetralopha)
    nigricans (Hulst, 1900)\textsuperscript{395}; new synonym (Salebria)

tiltella (Hulst, 1888); valid (Wanda)

humerella (Ragonot, 1888); valid (Tetralopha)
    formosella (Hulst, 1900); syn. (Tetralopha)

geidalis (Walker, [1866]); valid (Auradisa)
    subalbella (Walker, 1866); syn. (Myelois)
    tertiella Dyar, 1905\textsuperscript{394}; syn. (Pococera)
    irrortata Schaus, 1912; syn. (Pococera)

baptisiella (Fernald, 1887); valid (Tetralopha)

euphemella (Hulst, 1888); valid (Katona)
    variella Ragonot, 1888; syn. (Pococera)
    melanographella Ragonot, 1888; syn. (Pococera)

Tallula Hulst, 1888
    atrifascialis (Hulst, 1886); valid (Tetralopha)
    watsoni Barnes & McDunnough, 1917; valid (Tallula)
    baboquivarialis Barnes & Benjamin, 1926; valid (Tallula)
    beroella Schaus, 1912\textsuperscript{397}; valid (Tallula)
    bunniotis (Dyar, 1913); syn. (Tioga)
    fieldi Barnes & McDunnough, 1913; valid (Tallula)

Phidotricha Ragonot, [1889]\textsuperscript{398}
    Eutrichocera Hampson, 1904
    Jocarula Dyar, 1925
    erigens Ragonot, [1889]; valid (Phidotricha)
    dryospila (Meyrick, 1936); syn. (Auradisa)

Incertae sedis
    glastianalis Schaus, 1922\textsuperscript{399}; valid (Macalla)

PYRALINAE

Pyralis Linnaeus, 1758
    Aletes Rafinesque, 1815; nomen nudum
    Ceropsina Rafinesque, 1815; nomen nudum
    Spyrella Rafinesque, 1815; nomen nudum
    Asopia Treitschke, 1828
    Sacatia Walker, 1863
    Eutrichodes Warren, 1891
    farinalis Linnaeus, 1758\textsuperscript{400}; valid (Pyralis)
        erecta (Fourcroy & Geoffroy, 1785); syn. (Phalaena)
        farinatus (Haworth, 1803); syn. (Crambus)
        domesticalis (Zeller, 1847); syn. (Asopia)
        fraterna Butler, 1879; syn. (Pyralis)
        tenerifensis Rebel, 1906; syn. variety, aberration (Pyralis)
        infumata Rebel, 1940;
            syn. aberration infrasubspecific (Pyralis)
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a. *meridionalis* Schmidt, 1934; ssp. extraliminal (*Pyralis*) 5510 3199
b. *orientalis* Amsel, 1961; ssp. extraliminal (*Pyralis*) 5510 3199

*manihotalis* Guenée, 1854406; valid (*Pyralis*) 5515 3200
vetusalis Walker, [1859]; syn. (*Pyralis*) 5515 3200
gerontesalis Walker, [1859]; syn. (*Pyralis*) 5515 3200
laudatella (Walker, 1863); syn. (*Sacati*) 5515 3200
despectalis Walker, [1866]; syn. (*Pyralis*) 5515 3200
miseralis Walker, [1866]; syn. (*Pyralis?*) 5515 3200
achatina Butler, 1877; syn. (*Pyralis*) 5515 3200
haematinalis (Saalmüller, 1880); syn. (*Asopia*) 3200
gerontialis (Meyrick, 1888); syn. emendation (*Asopia*) 5515 3200
centripuctalis (Gaede, 1916); syn. (*Endotricha*) 3200
pupalis Strand, 1919; syn. (*Pyralis*) 3200
compsobathra Meyrick, 1932; syn. (*Pyralis*) 3200

*Aglossa* Latreille, [1796]
Euclita Hübner, [1825]401
Oryctocera Ragonot, 1891402
Crocalia Ragonot, 1892402
Agriope Ragonot, 1894402
costiferalis (Walker, 1866)403; valid repl. name (*Pyralis*) 5511 3160
costigeralis (Walker, [1865]);
syn. preocc. by Walker, 1862 (*Pyralis*) 5511 3160
disciferalis (Dyar, 1908)403; valid (*Pyralis*) 5512 3162
electalis Hulst, 1886403; valid (*Aglossa*) 5513 3163
cacamica (Dyar, 1914)403; valid (*Pyralis*) 5514 3158

*inguinalis* (Linnaeus, 1758)404; valid (*Phalaena (*Pyralis*)) 5516 3167
marmorella (Goze, 1783); syn. (*Phalaena*) 3167
pinguedinis (Retzius, 1783); syn. (*Phalaena*) 3167
marmoratella (Villers, 1789); syn. (*Phalaena*) 3167
pinguis (Fabricius, 1799); syn. (*Crambus*) 3167
pinguiculatus (Haworth, 1809); syn. (*Crambus*) 3167
streatfieldii Curtis, 1833; syn. (*Aglossa*) 5516 3167
guicciardii Constantinio, 1922; syn. (*Aglossa*) 3167
maroccalma Schmidt, 1934; syn. (*Aglossa*) 3167
caprealis (Hübner, [1809])404; valid (*Pyralis*) 5517 3159
capreolatus (Haworth, 1811)3; syn. (*Crambus*) 5517 3159
aenalis (Costa, 1836); syn. (*Pyralis*) 3159
domalis Guenée, 1854; syn. (*Aglossa*) 5517 3159
incultella (Walker, 1866); syn. (*Acrobasis*) 3159
eutealis (Hulst, 1886); syn. (*Tetralopha*) 5517 3159

cuprina (Zeller, 1872); valid (*Pyralis*) 5518 3161
acallalis Dyar, 1908; valid (*Aglossa*) 5519 3156
baba Dyar, 1914; valid (*Aglossa*) 5520 3157
**Hypopygia** Hübner, [1825]

*Dolichomia* Ragonot, 1891

*Herculia* Walker, 1859

*Cisse* Walker, 1863

*Busala* Walker, 1863

*Ocrasa* Walker, [1866]

*Bejuda* Walker, 1866

*Pseudasopia* Grote, 1873

*Bleone* Ragonot, 1890

*Orthopygia* Ragonot, 1890

*Parasopia* Möschler, 1890

*costalis* (Fabricius, 1775); valid (*Phalaena*)

*costalis* (Fabricius, 1775); valid (*Phalaena*)

*fimbrialis* (Denis & Schiffermüller, 1775);

*purpurana* (Thunberg, 1784); syn. (*Tortrix*)

*hyllalis* (Walker, 1859); syn. (*Pyralis*)

rubrocalialis (Staudinger, 1870);

syn. aberration infrasubspecific (*Asopia*)

*a. syriaca* Zerny, 1914; ssp. extralimital (*Hypopygia*)

*planalis* (Grote, 1880); valid *comb. n.* (*Asopia*)

*anniculalis* (Hulst, 1886); syn. (*Asopia*)

*occidentalis* (Hulst, 1886); syn. (*Asopia*)

*intermedialis* (Walker, 1862); valid (*Pyralis*)

*sodalis* (Walker, 1869); syn. (*Pyralis*)

*squamealis* (Grote, 1873); syn. (*Pseudasopia*)

*phoezalis* (Dyar, 1908); valid *comb. n.* (*Herculia*)

*cohortalis* (Grote, 1878); valid *comb. n.* (*Asopia*)

*florencealis* (Blackmore, 1920); syn. (*Herculia*)

*thymetusalis* (Walker, 1859); valid *comb. n.* (*Botys*)

*devialis* (Grote, 1875); syn. (*Asopia*)

*binodalalis* (Zeller, 1872); valid (*Asopia*)

*nostralalis* (Guenée, 1854); valid (*Pyralis*)

*helenensis* (Wollaston, 1879); syn. (*Pyralis*)

*tenuis* (Butler, 1880); syn. (*Pyralis*)

*dis similalis* (Möschler, 1890); syn. (*Parasopia*)

*sordidalis* (Barnes & McDunnough, 1913); syn. (*Herculia*)

*psammioxantha* (Dyar, 1917); syn. (*Herculia*)

*venezuelensis* (Amsel, 1956); syn. (*Herculia*)

*olinalis* (Guenée, 1854); valid (*Pyralis*)

*trentonalis* (Lederer, 1863); syn. (*Asopia*)
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Species not included or removed from the North American list

MUSOTIMINAE

*Austromusotima* Solis & Yen, 2004

*camptozonale* (Hampson, 1897); valid introduced not established (*Oligostigma*)

CHRYSAUGINAE

*Blepharocerus* Blanchard, 1852

*rosellus* Blanchard, 1852; valid (*Blepharocerus*)

*rufulalis* Lederer, 1863; syn. (*Asopia*)

*ignitalis* Hampson, 1906; valid (*Blepharocerus*)

GALLERIINAE

*Aphomia* Hübner, [1825]

*fuscolimbella* (Ragonot, 1887); valid (*Melissoblaptes*)

PHYCITINAE

*Crocidomera* Zeller, 1848

*turbidella* Zeller, 1848; valid (*Crocidomera*)

*Cryptoblakes* Zeller, 1848

*Albinia* Briosi, 1877; preocc. by Robineau-Desvoidy, 1830

*gnidiella* (Millière, 1867); valid (*Ephestia*)

*aliena* Swezey, 1909; syn. (*Cryptoblakes*)

*Aponymelois* Heinrich, 1956

*Ectomyelois* Heinrich, 1956

*Spectrobates* Roesler, 1956 (not Meyrick, 1935)

*decolor* (Zeller, 1881); valid (*Myelois*)

*ephestiella* (Hampson, 1901); syn. (*Nephopteryx*)

*Creobota* Turner, 1931

*grossipunctella* (Ragonot, 1888); valid, introduction not established (*Myelois*)

*coccophthora* Turner, 1931; syn. (*Creobota*)
**Phycitodes** Hampson, 1917

**Rotruda** Heinrich, 1956

*albatella* (Ragonot, 1887)\(^3\); valid (*Homoeosoma*) 5946 4295

*parvum* (Gerasimov, 1930); syn. (*Homoeosoma*) 5946 4295

*pseudonimbella* (Bentinck, 1937)\(^3\); syn. (*Homoeosoma*)

*dierli* Roessler, 1973; syn. (*Phycitodes*)

**Cactobrosis** Dyar, 1914

*longipennella* (Hampson, 1901)\(^3\); valid (*Euzophera*) 5990 4367

*elongatella* (Hampson, 1901); syn. (*Moodna*) 5990 4367

**Vitula** Ragonot, 1887

*Hornigia* Ragonot, 1887; preocc. by Ragonot, 1885

*Manhatta* Hulst, 1890

*biviella* (Zeller, 1848); valid (*Ephestia*)

*lugubrella* Ragonot, 1887\(^3\); syn. (*Vitula*) 6008

**EPIPASCHIIINAE**

**Coenodomus** Walsingham, 1888\(^3\)

*Dyaria* Neumoegen, 1893

*Alippa* Aurivillius, 1894

*bockingi* Walsingham, 1888; valid (*Coenodomus*) 5621

*singularis* (Neumoegen, 1893); syn. (*Dyaria*) 5621

*anomala* (Aurivillius, 1894); syn. (*Alippa*) 5621

**Tallula** Hulst, 1888

*atramentalis* (Lederer, 1863)\(^3\); valid (*Hemimatia*) 5590 3865

**Notes**

1. *Sarabotys cupreicostalis* is here reported for the first time in the United States from Arizona by MAS. Five specimens are deposited in the NMNH (National Museum of Natural History, Washington, DC): Babquivari Mts., Pima Co., 1–15 Sept. 1923 (2 specimens); Huachuca Mts., Aug. 16–23, Barnes Coll. (1 specimen); and Huachuca Mts., Miller Canyon, 5000’, Cochise Co., 18 July 1974, J. G. Franclemont (2 specimens).

2. *Sclerocona acutellus* was first reported in the United States from Connecticut, Massachusetts, Maryland, and Rhode Island by Wagner et al. (2003).

3. Leraut (2012) recognized *sinensellus* as a subspecies.

4. *Pseudopyrausta marginalis* was first reported in the United States from Texas by Bordelon and Knudson (2010) in the 2009 Season Summary and discussed again in Bordelon and Knudson (2011).

5. These names were recognized as synonyms by Nuss et al. (2003–2015).

6. Many new synonyms and several subspecies were recognized in Munroe (1995a,b). If not specifically footnoted, this is true in all cases where we do not list a MONA #, but do list an NTCL #.
7. An expanded concept of *Anania* is recognized as in Leraut (2005a) and Tränker et al. (2009).
8. *Mutuuraia* and *Nealgedonia* were synonymized with *Algedonia* in Maes (2005).
9. *Anania tertialis* and *plectilis* were elevated to species status in Yang et al. (2012).
10. *Anania tennesseensis* was described in Yang et al. (2012).
11. *Aponia aponianalis* was first reported in the United States from Texas, by Bordelon (2011) in the 2010 Season Summary and discussed in Bordelon and Knudson (2011).
12. *Dosara* was synonymized with *Achyra* in Maes (1987).
13. *Sitochroa palealis* was first reported in the United States from Illinois, Indiana, Michigan, and Wisconsin by Passoa et al. (2008).
14. *Paracorsia repandalis* is here reported for the first time in the United States from Indiana by Jim Vargo. Specimens at the FMNH (Florida Museum of Natural History): Mishawaka, 41°37′46.2″N -86°08′13.9″, St. Joseph Co. on 11 Aug 2010 and again on 14 Aug 2012. Identification by James Hayden.
15. *Leimonia* was synonymized with *Loxostege* in Maes (1994).
16. *Meridiophila* was synonymized with *Loxostege* in Leraut (2005a).
17. *Proteroeca* was synonymized with *Pyrausta* in Maes (1994).
18. *Mardinia* was synonymized with *Pyrausta* in Maes (2002).
19. *Pyrausta cardinalis* was first reported in the United States from Florida by Hayden et al. (2011).
20. *Pyrausta insequalis* replaced *subsequalis* as the accepted name in Munroe (1995a).
21. *Pyrausta borealis* was recognized as a distinct species in Poole and Lewis (1996).
22. *Daulia* was moved to the Pyraustinae by Nuss et al. (2003–2015) based on structure of the genitalia and tympanum.
23. *Ecpyrrhorrhoe puralis* was first reported in the United States from Alabama, Georgia, Kentucky, Maryland, Mississippi, Pennsylvania, South Carolina, Tennessee, and West Virginia by Solis et al. (2010).
24. Spilomelinae was recognized as a subfamily in Minet [1982], Solis and Maes (2002), and Regier et al. (2012).
25. *Phaedropsis principalis* was recognized as a new combination in Munroe (1995a).
26. *Framinghamia* was synonymized with *Phlyctaenia* (Maes 1994), and then subsequently with *Anania* (Leraut 2005a) in the Pyraustinae, but Hayden (pers. comm.) places it back in the Spilomelinae as in Munroe (1983) based on the morphology of the genitalia.
27. *Hyperthalia* was synonymized with *Lygropia* in Vári, Kroon and Krüger (2002).
28. *Lygropia fusalis* was first reported in the United States by Munroe (1995a) through synonymy of *Nacoleia hampsoni*.
29. This species is indicated as misplaced in Munroe (1983).
30. This species is indicated as misplaced in Munroe (1995a).
31. *Lygropia memmialis* was recognized as a species in Munroe (1995a), but its new status was not indicated.
32. *Cyclocena* was synonymized with *Microthyris* in Hayden and Dickel (2014).
33. *Microthyris lelex* was first reported in the United States by Hayden and Dickel (2014).

34. *Pantographa suffusalis* was first reported in the United States in Texas by Bordelon (2009) and discussed in Bordelon and Knudson (2009).

35. *Pleuroptya penumbralis* was synonymized with *P. silicalis* in Munroe (1995a).

36. *Herpetogramma ipomeidisalis* was synonymized with *Pleuroptya fluctuosalis* (Lederer), which was transferred to *Herpetogramma* in Munroe (1995a).

37. *Botys oreusalis* was synonymized with *Herpetogramma phaeopteralis* in Vári, Kroon and Krüger (2002).

38. *Acharana descripta* was synonymized with *Herpetogramma phaeopteralis* in Solis (2010).

39. The identity of *Herpetogramma centrostrigalis* was confirmed in Solis (2010).

40. *Herpetogramma sphingealis* was described in Handfield and Handfield (2011).

41. *Blepharomastix magualis*, *aplicalis*, *rehamalis*, and *differentialis* were transferred to *Hileithia* in Munroe (1995a).

42. *Hileithia decostalis* was first reported in the United States from Mississippi by Mather and Munroe (1992).

43. *Stenia pulchellalis* was synonymized with *Hydriris ornatalis* in Viette (1990).

44. *Ercta ornatalis orientalis* was synonymized with *Ercta ornatalis ornatalis* in Inoue (1982).

45. *Lineodes triangulalis* was reported in the United States from Florida and Texas by Hayden and Dickel (2014), although it had been previously reported from Florida by Dyar (1901).

46. *Lineodes elcodes* was first reported in the United States from California by Epstein (2004).

47. *Lineodes multisignalis* was first reported in the United States from Florida by Covell and Hayden (2014).

48. *Lineodes vulnifica* was first reported in the United States by Annand (1945) (Hayden pers comm.).

49. *Zellerina* (replacement name for *Stenoptycha*) was synonymized with *Atomopteryx* in Munroe (1995a).

50. *Lamprosema baracoalis* was first reported in the United States from Texas by Blanchard and Knudson (1985a).

51. *Neoleucinodes torvis* was first reported in the United States from Florida by Dickel (1985) and discussed in Hayden and Dickel (2014).

52. *Udea aenigmatica* was transferred from *Platytis* and recognized as a distinct species by Landry (1991).

53. *Desmia divisalis* was synonymized with *D. ufeus* in Munroe (1995a), but its status as a new synonym was not indicated.

54. *Desmia propinqualis* was synonymized with *D. ploralis* in Munroe (1995a).

55. *Blepharomastix eudamidasalis* was transferred to *Diasemiodes* in Munroe (1995a).

56. *Hymenia exodias* was synonymized with *Spoladea recurvalis* in Zimmerman (1958).
57. *Nacoleia charesalis* was first reported in the United States from Florida by Hayden in Dixon and Anderson (2014a) and later discussed in Hayden and Troubridge (2015).

58. *Duponchelia fovealis* was first reported in the United States from California by Epstein (2004), and later discussed by Brambila and Stocks (2010) and Heppner and Brambila (2010).

59. *Stemorrhages costata* was transferred to *Diaphania* in Munroe (1995a), but its status as a new combination was not indicated; it was indicated as misplaced.

60. *Dysallacta* was synonymized with *Glyphodes* in Inoue (1982).

61. *Glyphodes batesi* was removed from synonymy with *G. sibillalis* by Nuss et al. (2003–2015). Comparison of the type specimen of *G. batesi* shows that it is a junior synonym of *G. sibillalis* and is included in this list.

62. Spelling corrected (misspelled in MONA as *atlitalis*); *Glyphodes alitalis* Hulst, 1886 (type locality USA) was synonymized with *Glyphodes bivitralis* Guenée, 1854 (from India) by Nuss et al. (2003–2015). After a comparison of a photo of the type of *G. alitalis* at the AMNH and the description of *G. bivitralis* we found that Munroe was correct in 1983 when he noted *G. bivitralis* as “authors, part, not Guenee 1854” so we exclude *G. bivitralis* from this list.

63. *Glyphodes onychinalis* was first reported in the United States from California by Solis (2008). It had been sighted and sent to MAS by Don Sterba who collected it in Culver City (Los Angeles Co.) as early as 2007; Ron Leuschner had seen it in his backyard in Manhattan Beach as early as 2006. Leuschner (2009) reported it from Los Angeles Co., Manhattan Beach.

64. *Maruca vitrata* was first reported in the United States from Florida by Dickel (1981).

65. *Maruca testulalis*, a pest of legume crops, was first synonymized with *Maruca vitrata* in Munroe (1995a), although not explicitly stated as a new synonym (Solis 2003).

66. The names *fortificalis* (Möschler, 1890) and *pigralis* (Dognin, 1909) listed in Munroe (1995a) were found to be synonyms of *Omiodes metricalis* (Möschler, 1881) by Gentili and Solis (1998) and are excluded here.

67. *Omiodes exogrammalis* was synonymized with *O. stigmosalis* in Munroe (1995a).

68. *Omiodes martyralis* was first reported in the United States from Louisiana by Brou (1985) and discussed in Brou (1994).

69. *Sylora* was synonymized with *Palpita* in Shaffer et al. (1996).

70. *Palpita persimilis* was first reported in the United States from Florida by Hayden and Buss (2012).

71. *Palpita euphaesalis* was synonymized with *P. illibalis* in Munroe (1995a).

72. *Palpita maritima* was described in Sullivan and Solis (2013).

73. *Polygrammodes oxydalis* was recognized as a species distinct from *P. flavidalis* in Munroe (1995a), but its new status was not indicated.

74. *Loxomorpha* and *Maracayia* were recognized as part of the *Siga* group and moved to near *Laniifera* by Landry, Roque-Albelo, and Hayden (2011).

75. *Gonocausta sabinalis* was omitted from Munroe (1983) but included in Munroe (1995a) from Texas.
76. *Epipagis fenestralis* was recognized as an unused senior synonym for *E. huronalis* in Munroe (1995a) (see Note 143: 171 in Munroe (1995a) for a full explanation of the status of *E. fenestralis*).

77. *Nomophila triticalis* was first reported in the United States from Florida by Heppner (2011) and discussed in Hayden and Dickel (2014).

78. *Samea druchachalis* was first reported in the United States from Texas by Bordelon and Knudson (2011).

79. *Sameodes albiguttalis* was transferred to *Niphograpta* in Munroe (1995a).

80. *Somatania* was recognized as a synonym of *Crocidocnemis* in Munroe (1995a).

81. *Marasmia* was synonymized with *Cnaphalocrocis* in Shaffer et al. (1996).

82. *Bradina andresi* was synonymized with *Cnaphalocrocis trapezalis* in Vári, Kroon and Krüger (2002).

83. *Salbimorpha* was synonymized with *Salbia* in Munroe (1995a).

84. *Cangetta micralis* was first reported in the United States from Florida by Hayden and Dickel (2014).

85. *Eurrhyparodes splendens* was first reported in the United States from Texas by Blanchard and Knudson (2007), but also reported as a new state record from Arizona by Bordelon (2007) in the same 2006 Season Summary.

86. *Hydropionea* was included in Munroe (1995a) under “Unplaced Genera”; its placement needs to be investigated further (Hayden pers. comm.).

87. *Falcimorpha* (replacement name for *Falx*) was synonymized with *Microphysetica* in Munroe (1995a).

88. *Microphysetica philogelos* was synonymized with *M. hermeasalis* in Munroe (1995a).

89. *Pilocrocis glaucusalis* was recognized as a species of *Palpusia* in Munroe (1995a).

90. *Rhectocraspeda* was recognized as the new generic name for *Pilemia* (preoccupied) in Munroe (1995a).

91. *Araschnopsis* was synonymized with *Sisyracera* in Munroe (1995a).

92. *Sisyracera contortilinealis* was first identified in the United States from Florida by Hayden (pers. comm.) based on a 2012 specimen from Monroe Co.

93. *Plumipalpiella* was established as a replacement name for *Plumipalpia* (preoccupied) in Munroe (1995a).

94. *Frechinia murmuralis* was recognized as a species in Munroe (1995a), but was not listed as new status.

95. *Hercyna* was synonymized with *Metaxmeste* in Fletcher and Nye (1984).

96. *Chlorobaptella* was established as a replacement name for *Chlorobapta* (preoccupied) in Munroe (1995a).

97. *Metrea* was synonymized with *Cliniodes* by Hayden (2011) and belongs in the Odontiinae (Munroe 1995a, Hayden 2011). *Dichogamini* was transferred to Glaphyriinae (see Note #100 below).

98. *Basonga* was synonymized with *Cliniodes* in Klima (1939).

99. *Procliniodes* was described as a subgenus of *Cliniodes* in Hayden (2011).

100. *Dichogamini* was transferred to Glaphyriinae in Munroe and Solis (1999).
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101. *Schacontia* was transferred from Cybalomiinae to Glaphyriinae in Solis (2009).
102. *Schacontia themis* was described and first reported in the United States from Florida by Goldstein et al. (2013).
103. *Schacontia rasa* was first reported in the United States from Florida by Hayden in Dixon and Anderson (2015).
104. *Ashwania* was synonymized with *Hellula* in Shaffer et al. (1996).
105. *Aethiophysa invisalis* was recognized as the senior synonym of *A. lentiflualis* in Munroe (1995a).
106. *Cybalomia extorris* was transferred to *Aethiophysa* in Solis (2009).
107. *Ennomosia basalis* was first reported in the United States from Florida by Hayden and Dickel (2014).
108. *Lipocosma albinibasalis* was established as a replacement name for *L. albibasalis* (preoccupied) in Munroe (1995a).
109. Evergestiniae was synonymized with Glaphyriinae in Regier et al. (2012).
110. *Maelinoptera* was synonymized with *Evergestis* in Nuss (2005).
111. *Reskovitsia* was synonymized with *Evergestis* in Maes (1994).
112. *Evergestis palousalis* was recognized as the senior synonym of *E. obscuralis* (preoccupied) in Munroe (1995a). *E. p. palousalisa* was established as the replacement name for the subspecies previously recognized as *E. o. obscuralis*.
113. *Evergestis dischematalis* was established as the replacement name for *E. dimorphalis* (preoccupied) in Munroe (1995a).
114. Speidel (1981) resurrected Musotiminae Meyrick, 1890 and synonymized Am-biini Munroe, 1972 which included *Undulambia*.
115. *Neomusotima conspurcatalis* was recognized as established due to biocontrol introduction in the United States by Boughton and Pemberton (2012). *Ambia conspurcatalis* was combined with *Neomusotima* in Solis et al. (2004).
116. *Musotima fiscalis* was synonymized with *Neomusotima conspurcatalis* in Solis et al. (2004).
117. *Sineudonia* was synonymized with *Scoparia* in Li et al. (2010).
118. *Dipleurina, Malageudonia, and Vietteina* were synonymized with *Eudonia* in Nuss (1999).
119. *Eudonia alpina* was recognized as the senior synonym of *E. lugubralis* in Nuss (1999). The Old World synonyms not previously listed are included here.
120. Klots (1983) omitted Old World synonyms for species in the Crambinae. These are added here as in Nuss et al. (2003–2015).
121. The order of genera in the Crambinae follows Landry (1995).
122. *Surattha santella* and *S. indentella* were transferred to *Prionapteryx* by Bleszynski (1967). Landry (1995) retained these two species in Surattha as in Klots in Munroe (1983) and Munroe (1995a).
123. *Loxophantis* was synonymized with *Prionapteryx* in Bassi (2013).
124. *Alloea* was synonymized with *Prionapteryx* in Shaffer et al. (1996).
125. Spelling corrected; incorrectly spelled as *huachucella* in Klots (1983) and Munroe (1995a).
126. Fletcher and Nye (1984) referred *Acigona* to the Noctuidae. Agnew (1987) addressed the nomenclatural problem dealing with various crambine genera including *Occidentalia*. Munroe (1995a) mentioned that *Occidentalia* does not belong in the Haimbachiini. Landry (1995) listed *Occidentalia* as a separate genus in the Haimbachiini. None of the authors above explicitly indicated its new status as a new combination.

127. *Eoreuma arenella* was described in Blanchard and Knudson (1983a).

128. *Diatraea mitteri* was described in Solis et al. (2015).

129. All species in the United States formerly in the genus *Vaxi* were transferred to *Argyria* in Munroe (1995a). *Argyria auratella* and *A. critica* were not listed as new combinations, but *A. tripsacas* was. There were no changes in Landry (1995).

130. *Argyria* of the southeastern United States was reviewed by Martinez and Brown (2007).

131. *Argyria argentana* Martyn, 1797 is not the correct name for *A. nummulalis* because it is a nomen nudum according to Nuss et al. (2003–2015).

132. *Pseudoamcylocloma* was synonymized with *Euchromius* and *P. qadrii* was synonymized with *E. ocellea* in Schouten (1992).

133. This species was indicated as misplaced in Klots (1983).

134. *Catoptria tristis* was synonymized with *C. trichostomus* in Sinev (2008).

135. *Thaumatopsis bolterellus* was transferred from *Parapediasia* in Landry (1995).

136. *Thaumatopsis digramellus* was first reported in the United States from Arizona by Landry (1995). Specimens were collected by O. C. Poling from Indian Oasis, Sells P.O., Pima Co. on 15–30 Apr 1922.

137. *Fissicrambus albilineellus* was transferred from *Crambus* in Landry (1995).

138. *Fissicrambus quadrinotellus* was transferred from *Crambus* in Bleszynski (1963, 1967), and also listed in Landry (1995).

139. *Loxocrambus coloradellus* was transferred from *Crambus* in Landry (1995).

140. *Loxocrambus hulstellus* was transferred from *Fissicrambus* in Landry (1993).

141. *Neodactria* was described as a new genus, and *Crambus caliginosella*, *C. luteolella*, *C. modestella*, *C. murella*, and *C. zeella* were all transferred to *Neodactria* in Landry (1995).

142. *Neodactria glenni* was described in Landry and Metzler (2002).

143. *Neodactria daemonis* and *N. oktibbeha* were described in Landry and Brown (2005).

144. *Neodactria cochisensis* was described in Landry and Albu (2012).

145. *Pseudopediasia* was synonymized with *Pediasia* in Shaffer and Robinson (1987).

146. *Oseriates* was synonymized with *Pediasia* in Landry (1995).

147. *Pseudopediasia mikkolai* was synonymized with *Pediasia aridella caradjaellus* in Shaffer and Robinson (1987).

148. *La cerveza* was described in Landry (1995).

149. *Parapediasia hulstellus* was transferred from *Crambus* in Landry (1995).
150. *Parapediasia ligonellus* was first reported in the United States from Florida by Landry (1995). Specimens were collected by Jerry Powell from Key Largo, Monroe Co. on 2 Jun 1986.

151. *Parapediasia torquatella* was described in Landry (1995).

152. *Almita* was described as new genus, and *A. portalia* and *A. texana* as new species in Landry (1995).

153. *Amphibolia* was synonymized with *Chrysoteuchia* and recognized as a homonym of Macquart 1843 in Bleszynski (1965).

154. *Veronese* was synonymized with *Chrysoteuchia* in Bleszynski (1965).

155. *Crambus pseudorostellus* was synonymized with *C. perlella* in Leraut (2012).

156. *Crambus monochromella* was recognized as a subspecies in Karsholt (1996).

157. This species was listed as *Incertae sedis* by Landry (1995).

158. All *Scirpophaga* in the United States were transferred to *Carectocultus* in Becker and Solis (1990).

159. *Carectocultus repugnatus* was synonymized with *C. perstrialis* in Solis and Becker [2003].

160. All *Patissa* in the United States were transferred to *Leptosteges* in Munroe (1995a).

161. *Donacaula* was revised by Martinez (2010) in an unpublished dissertation, therefore the new scientific names are not available until they are published.

162. Lathrotelinae was elevated to subfamily to include the genus *Sufetula*, closely related to the Acentropinae by Minet (2015).

163. *Perforadix* was synonymized with *Sufetula* in Solis and Shaffer (1999).

164. *Sufetula carbonalis* was described in Hayden (2013).

165. Although Solis (1999) proposed precedence of Nymphulinae over Acentropinae, the ICZN (2003) committee voted to maintain Acentropinae as the valid name.

166. *Oligostigmoides cryptalis* was the original spelling; *O. cryptale* was an unjustified emendation (Hampson 1897).

167. *Synclita* was synonymized with *Elophila* in Speidel (2005).

168. *Munroessa* was synonymized with *Elophila* in Yoshiyasu (1985).

169. *Nymphula ekthlipsis* was transferred to *Elophila* by Nuss et al. (2003–2015).

170. *Elophila* (*Munroessa*) *serralinealis* was no longer recognized as a subspecies in Munroe (1995a).

171. *Hydreuretis* and *Cosmophylla* were synonymized with *Parapoynx* in Shaffer et al. (1996).

172. *Microdracon* was synonymized with *Parapoynx* in Munroe (1992).

173. *Parapoynx itealis* was no longer recognized as a subspecies in Munroe (1995a).

174. *Parapoynx dicentra* was synonymized with *P. diminutalis* in Shaffer et al. (1996).

175. *Nymphula uxorialis* was synonymized with *P. diminutalis* in Speidel and Mey (1999).

176. *Chrysendeton nigrescens* was described in Heppner (1991).
177. *Argyractis drumalis* was indicated as a new combination by Habeck and Solis (1994).
178. *Petrophila heppneri* was described in Blanchard and Knudson (1983a).
179. *Acentria* was transferred to the Acentropinae (=Nymphulinae) from the Schoenobiinae in Speidel (1984); see also Passoa (1988). Many Old World synonyms were not listed in Munroe (1983), but are included here.
180. *Artopsis* was synonymized with *Parachma* in Barnes and McDunnough (1917).
181. *Artopsis borregalis* was synonymized with *Parachma ochracealis* by Cashatt 2013 in Solis et al. (2013).
182. *Basacallis* was described as new genus for *Parachma tarachodes* in Cashatt (1984).
183. *Pollocia* was synonymized with *Acallis* in Cashatt (1969).
184. *Acallis centralis* was synonymized with *A. gripalis* by Cashatt 2013 in Solis et al. (2013).
185. *Pollocia alticolalis* was transferred to *Acallis* as a new combination by Cashatt 2013 in Solis et al. (1995).
186. *Acallis mitchelli* was transferred to *Zaboba* in Solis et al. (1995).
187. *Balidarcha* was synonymized with *Anemosella* in Cashatt (1969).
188. *Anemosella polingalis* was synonymized with *A. basalis* by Cashatt 2013 in Solis et al. (2013).
189. *Balidarcha cuis* was synonymized with *Anemosella viridalis* in Munroe (1983).
190. *Epitamyra albomaculalis* was first reported in the United States from Florida by James Hayden in Dixon and Anderson (2014b).
191. *Paragalasa* was described as new genus with *P. exospinalis* as a new species by Cashatt 2013 in Solis et al. (2013).
192. *Negalasa rubralis* was recognized as a species in Solis et al. (1995).
193. *Tetraschistis leucogramma* was transferred to *Penthesilea* and recognized as a junior synonym of *P. difficilis* in Solis et al. (1995).
194. *Penthesilea sacculalis baboquivariensis* was described as a new subspecies by Cashatt 2013 in Solis et al. (2013).
195. *Ballonicha* and *Teucronoma* were synonymized with *Salobrena* in Solis et al. (1995).
196. *Salobrena rubiginea* was synonymized with *S. recurvata* in Solis et al. (1995).
197. *Epitamyra birectalis* was transferred to *Salobrena* and synonymized with *S. vacuana* in Solis et al. (1995).
198. *Clydonopteron* was reinstated as a separate genus from *Salobrena* in Cashatt (1969).
199. *Clydonopteron tecomae* was synonymized with *C. sacculana* in Miller and Becker (1989).
200. *Xantippides* was synonymized with *Arta* in Cashatt (1969).
201. *Xantippides descansalis* was synonymized with *Arta epicoenalis* in Munroe (1983).
202. *Xantippe beatifica* was synonymized with *Arta epicoenalis* by Cashatt 2013 in Solis et al. (2013).
203. *Arta brevivalvalis* was described by Cashatt 2013 in Solis et al. (2013).
204. *Xantippe uranides* was synonymized with *Heliades mulleolella* by Cashatt 2013 in Solis et al. (2013).
205. *Heliades lindae* was described by Cashatt 2013 in Solis et al. (2013).
206. *Heliades huachucalis* was elevated to species status by Cashatt 2013 in Solis et al. (2013).
207. *Arenipes* was synonymized with *Aphomia* in Kuchlein (1978).
208. *Paralipisa decorrella* was transferred to *Aphomia* and synonymized with *A. terrenella* in Solis and Metz (2008).
209. *Aphomia fulminalis* was omitted from the Munroe (1983) list. It was included by Solis and Metz (2008).
210. *Paralipisa* and *Coreyra* were synonymized with *Aphomia* in Leraut (2014).
211. *Athaliptis* was synonymized with *Epimorius* in Solis [2003].
212. *Epimorius testaceellus* was first reported in the United States in Ferguson (1991).
213. *Stenopaschia trichopteris* was first reported in the United States from Texas, Cameron Co., Sabal Palm Sanctuary by Knudson (1996).
214. All species formerly in *Macrotheca* were placed in *Cacotherapia* because the former name was preoccupied. Munroe (1995b) made all new species combinations except *C. angulalis* and *C. bilinealis*.
215. *Conobathra* and *Trachycera* were synonymized with *Acrobasis* in Leraut (2005b).
216. *Hylopylora* and *Rhodophaeopsis* were synonymized with *Numonia*, which is a synonym of *Acrobasis* in Roesler (1985, 1987).
217. *Cyphita* was synonymized with *Conobathra*, which is a synonym of *Acrobasis* in Roesler (1985).
218. *Acrobasis grosbecki* was synonymized with *A. indigenella* in Neunzig (1986).
219. *Rhodophaea kofa*, *R. fria* and *R. neva* were all synonymized with *Acrobasis comptella* in Neunzig (1986).
220. *Acrobasis felterra* was synonymized with *A. palliolella* in Neunzig (1986).
221. *Acrobasis kylesi*, *A. texana*, *A. juglanivorella*, and *A. caulivorella* were described in Neunzig (1986).
222. *Acrobasis tumidulella* was recognized as a species with *A. kearfottella* as a synonym in Leraut (2005b).
223. *Acrobasis peplifera* was synonymized with *A. exsulella* in Neunzig (1986).
224. *Acrobasis malipennella* and *A. secundella* were synonymized with *A. normella* in Neunzig (1986).
225. *Acrobasis myricella* was synonymized with *A. cirroferella* in Neunzig (1986).
226. *Acrobasis comacornella* was synonymized with *A. caryivorella* in Neunzig (1986).
227. *Acrobasis hebescella* was synonymized with *A. betulella* in Neunzig (1986).
228. *Acrobasis dyarella* was synonymized with *A. rubrifasciella* in Neunzig (1986).
229. *Rhodophaea* was synonymized with *Pempelia* in Leraut (1997). This genus does not apply to *R. caliginella* and *R. suavella* and Neunzig (1986) transferred them to *Trachycera*, which was subsequently synonymized with *Acrobasis* in Leraut (2005b).
230. *Rhodophaea cruza*, *R. durata*, and *R. yuba* were all synonymized with *Trachycera caliginella* in Neunzig (1986). These were then transferred to *Acrobasis* in Leraut (2005b).

231. *Anysypyla univitella* was first reported in the United States from Florida by Dickel (1988).

232. *Crocidomera imitata* was described in Neunzig (1990). This entity was formerly included in the check list as *turbidella* Zell., 1848, but was recognized as a new species in Neunzig (1990).

233. Neunzig (1990: 34) designated as lectotype the type specimen labeled “*Dioryctria minutulella* (sic Hulst)” that Hulst described as *minutularia* in 1887 and later misspelled in 1890.

234. *Myelois coniella* (and thus *Rampylla nefas*) was synonymized with *Myelopsis minutularia* in Neunzig (1990).

235. *Myelopsoides* was described for the new species *M. venustus* in Neunzig (1998).

236. *Ectomyelois* was synonymized with *Apomyelois* in Leraut (2002).

237. *Fundella agapella* was synonymized with *F. argentina* in Landry and Neunzig (1998).

238. *Fundella ignobilis* was first reported in the United States from Texas by Knudson (1983).

239. *Scorylus cubensis* was first reported in the United States from Florida by Dickel (1987).

240. *Anegecephalesis* was synonymized with *Zamagiria* in Neunzig (2003).

241. *Philocrotona* was described in Neunzig (2003) with *Zamagiria kendalli* as the type species.

242. *Pima occidentalis* was elevated to species status in Neunzig (2003).

243. *Pima subcostella* was no longer recognized as a subspecies in Neunzig (2003).

244. *Pima vividella* was synonymized with *Pima fulvirugella* in Neunzig (2003).

245. *Pima fergusoni* was described in Neunzig (2003).

246. *Pimodes caliginosus* was described in Neunzig (2003).

247. *Epischnia ruderella* was synonymized with *Interjectio denticulella* in Neunzig (2003).

248. *Ambesa mirabella* was elevated to species status in Neunzig (2003).

249. *Ambesa dentifera* was described in Neunzig (2003).

250. *Catastia subactualis* was described in Neunzig (2003).

251. *Salebriaria ademptanella* and *S. robustella* were elevated to species status in Neunzig (1988).

252. *Salebriaria borealis*, *S. chisosensis*, *S. fasciata*, *S. rufimaculatella*, *S. bella*, *S. grandidentalis*, *S. equivoca*, *S. integra*, *S. maximella*, *S. simpliciella*, *S. carolynae*, and *S. squamopalpiella* were described in Neunzig (1988).

253. *Salebriaria roseopunctella*, *S. kanawba*, *S. floridana*, and *S. pallidella* were described in Neunzig (2003).

254. *Psorosina fergusonella* was described in Blanchard and Knudson (1983b).

255. *Psorosina fergusononella* was transferred to *Salebriaria* in Neunzig (2003).
256. *Salebriaria atratella* was described in Blanchard and Knudson (1985b).
257. *Salebriaria atratella, S. fructetella* and *S. occidentalis* were transferred to *Quasisalebria* in Neunzig (2003).
258. *Salebriaria occidentalis* was described in Neunzig (1988).
259. *Ortholepis baloghi* was described in Neunzig (2003).
260. *Meroptera anaimella* was described in Blanchard and Knudson (1985c).
261. *Meroptera nevadensis* was described in Neunzig (2003).
262. All species of *Nephopterix* of the United States were transferred to *Sciota* in Neunzig (2003), following the European placement of *Phycita rhenella* in *Sciota* (Palm 1986; Speidel 1996; Leraut 1997).
263. *Sciota fraudifera* was omitted from the Munroe (1983) check list. Neunzig (2003) included this species.
264. *Sciota fraudifera, S. floridensis, S. levigatella* and *S. yuconella* were elevated to species status in Neunzig (2003).
265. The original spelling of this species by Hulst 1886 was *tarmitalis; termitalis* was incorrectly used in Munroe (1983) and Neunzig (2003).
266. *Sciota californiana* and *S. quasisubfuscella* were described in Neunzig (2003).
267. *Telethusia rhypodella* was synonymized with *T. ovalis* in Neunzig (2003).
268. *Stylopalpia luniferella* was first reported in the United States from Florida by Dickel (1988) as *S. lungerella*.
269. The original spelling of this name is *luniferella*. Both Heinrich (1956) and Munroe (1995a) incorrectly used *lunigerella*.
270. *Hypochalcia hulstiella* was synonymized with *H. ahnella*, and all Palaearctic synonyms are listed in Leraut (2002).
271. *Pyla gaspeensis* was synonymized with *P. aequivoca* in Balogh and Wilterding (1998).
272. *Pyla araneola* was described in Balogh and Wilterding (1998).
273. Many Old World synonyms of *Pyla fusca* were included in Neunzig (2003).
274. *Pyla westerlandi* was described in Wilterding and Balogh (2002).
275. *Pyla longispina* and *P. serrata* were described in Neunzig (2003).
276. *Utah* was described as a new genus in Ferris (2012a) with the type species *sanrafaelensis* described as a new species.
277. *Dioryctroides* and *Ocrisia* were synonymized with *Dioryctria* in Speidel and Asselbergs (2000).
278. *Dioryctria hodgesi, D. mutuurai, D. muricativorella, D. inyoensis* and *D. sierra* described in Neunzig (2003).
279. *Dioryctria resinosella* was described in Mutuura (1982).
280. *Dioryctria delectella* and *D. vancouverella* were elevated to species status in Neunzig (2003).
281. *Dioryctria yatesi*, *D. ebeli* and *D. merkeli* were described in Mutuura and Munroe (1979).
282. *Dioryctria westerlandi* and *D. fordi* were described in Donahue and Neunzig [2005].
283. *Dioryctria durangoensis* was described in Mutuura and Neunzig (1986).
284. *Dioryctria caesirufella* was described in Blanchard and Knudson (1983c).
285. *Dioryctria taedivorella* was described in Neunzig and Leidy (1989).
286. *Sarata septentrionaria* was synonymized with *S. punctella* in Neunzig (2003). It is no longer considered a subspecies.
287. *Sarata alpha* is probably the female of *S. caudellella* (Landry 1998); names of unassociated females are not treated in Neunzig (2003).
288. *Lipographis leoninella* was synonymized with *L. fenestrella* in Neunzig (2003).
289. *Lipographis unicolor* was described in Ferris (2012b).
290. *Quasisarata* was described in Neunzig (2003). *Lipographis subosseella* is the type species.
291. *Quasisarata subosseella* was first reported in the United States from Florida by Dickel (1987) in the genus *Lipographis*.
292. *Pseudadelphia* was described in Neunzig (2003).
293. *Ufa roseitinctella* was synonymized with *Ufa lithosella* in Neunzig (2003).
294. *Acroncosa minima* was described in Neunzig (2003).
295. *Acroncosa castrella* was elevated to species status in Neunzig (2003).
296. *Passadenoides* was described for the new species *P. donahuei* and *P. pullus* in Neunzig (2003).
297. *Passadenoides montanus* was described in Ferris (2004).
298. *Chorrera extrincica* was first reported in the United States from Texas by Knudson (1983). Neunzig (2003) stated that this species “has been found on two of the Florida Keys (Long Key and Grassy Key, Monroe Co.).
299. *Eumysia pallidipennella* was omitted from the Munroe (1983) list, but was listed by Shaffer (1995).
300. *Arcola malloi* was first reported from the United States in Brown and Spencer (1973). It was introduced to control alligatorweed (Coulson 1977) and was omitted from the Munroe (1983) list.
301. *Ocala* and *Divitiaca* were synonymized with *Macrorrhinia* in Neunzig (2003).
302. *Divitiaca simulella* was synonymized with *M. ochrella* in Neunzig (2003).
303. Shaffer (1991) transferred *Rhinaphe endonephele* and *R. ignetincta* to *Divitiaca* (=*Macrorrhinia*).
304. *Macrorrhinia endonephele* was established as an older name for *M. ignetincta* and *M. signifera*, both new synonyms, in Neunzig (2003).
305. *Maricopa* was recognized as the valid genus name because *Valdivia* is preoccupied (Shaffer 1995).
306. *Protasia mirabilicornella*, described in *Valdivia* from California, was omitted from Munroe (1983), but listed in Shaffer (1995). It was also reported in Texas by Bordelon and Knudson (2000).
307. *Staudingeria* was synonymized with *Ancylosis* in Leraut (2008).
308. *Pseudocabotia* was described for the new species *P. balconiensis* in Blanchard and Knudson (1985c).
309. *Pseudocabotia* was synonymized with *Ancylosis* in Hayden and Dickel (2014).
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310. *Ancylosis bonhoti* was first reported in the United States from Florida by Hayden and Dickel (2014).

311. *Palatka powelli* was described in Neunzig and Solis (1996).

312. *Anderida peorinella* was described in Blanchard and Knudson (1985b).

313. *Cassiana malacella* was first reported in the United States from the Florida in Neunzig (1997).

314. *Mescinia berosa* was reported in United States from Florida in Neunzig (1997).

315. *Mescinia parvula* was reported in the United States from Florida in Neunzig (1997).

316. *Mescinia neoparvula* was synonymized with *M. parvula* in Neunzig (1997).

317. *Mescinia texanica* was described in Neunzig (1997).

318. *Phestinia costella* was discovered in the United States when it was submitted for identification (Solis 2011) for R. Diaz (Diaz et al. 2015). See also Solis et al. (2008) for information about the identity of this species.

319. *Comotia torsicornis* was reported for the first time in the United States from Florida by Heppner and Dickel (2008).

320. *Homoeosoma phaeoboreas*, *H. asylonnastes*, *H. oxy cercus*, *H. ammonastes*, *H. pedionnastes*, *H. eremophasma*, and *H. ardaloni phas* were described in Goodson and Neunzig (1993).

321. *Homoeosoma breviplicitum* and *H. imitator* were synonymized with *H. striatellum* in Goodson and Neunzig (1993).

322. *Homoeosoma parvalbum* was described in Blanchard and Knudson (1985c).

323. *Homoeosoma emendator* was elevated to species status in Goodson and Neunzig (1993).

324. *Homoeosoma nanophasma* was described in Neunzig (2003).

325. *Phycitodes albatella* is no longer recognized from North America; it occurs only in the Old World.

326. *Phycitodes mucidella* and *P. reliquellum* were elevated to species status by Neunzig (1997).

327. *Unadilla floridensis* was synonymized with *U. maturella* in Neunzig (1997).

328. *Unadilla nasutella* was synonymized with *U. erronella* in Neunzig (1997).

329. *Laetilia dilatifasciella* and *L. hulstii* were elevated to species status in Neunzig (1997).

330. *Laetilia cinerosella* and *L. bellivorella* were described in Neunzig (1997).

331. *Dakruma pallida* was transferred from *Laetilia* as a new name for *Baphala basi maculatella* in Neunzig (1997).

332. *Baphala eremiella* was elevated to species status in Neunzig (1997).

333. *Baphala phaeolella* was described in Neunzig (1997).

334. *Zophodia multistriatella* was described in Blanchard and Knudson (1981).

335. *Olycella* was synonymized with *Melitara* in Neunzig (1997).

336. *Melitara texana* was described in Neunzig (1997).

337. *Melitara doddalis* was elevated to species status in Neunzig (1997).

338. *Melitara apicigrammella* was described in Blanchard and Knudson (1985c).
339. *Zophodia holochlora* was synonymized with *Alberada bidentella* in Neunzig (1997).
340. *Alberada californiensis, A. francolemonti,* and *A. candida* were described in Neunzig (1997).
341. *Cactoblastis cactorum* was first reported in the United States from Florida in Habeck and Bennett (1990).
342. *Rumatha jacumba* was described in Neunzig (1997).
343. *Zophodia longipennella* was synonymized with *Yosemitia graciella* in Neunzig (1997).
344. *Ozamia clarefacta* was elevated to species status in Neunzig (1997).
345. *Ozamia lucidalis* was first reported in the United States from Florida in Habeck and Bennett (1990).
346. *Echinoereta* was described in Neunzig (1997).
347. *Selga californica* was described in Neunzig (1990).
348. *Pseudocabima arizonensis* was omitted from Munroe (1983), but included by Neunzig (1990).
349. *Euzophera aglaeella* was elevated to species status in Neunzig (1990).
350. *Euzophera habrella* and *E. vinnulella* were described in Neunzig (1990).
351. *Ephestiodes monticolus* and *E. griseus* were described in Neunzig (1990).
352. *Australephestiodes* was described in Neunzig (1990).
353. *Australephestiodes stictella* was first reported in the United States from Florida in Neunzig (1990).
354. *Moodnodes* was described in Neunzig (1990).
355. *Moodnodes plorella* was first reported in the United States from Florida in Neunzig (1990).
356. *Moodna pallidostrinella* was described in Neunzig (1990).
357. *Manhatta* was synonymized with *Vitula* in Roesler (1973); also see Neunzig (1990).
358. *Vitula serratilineella* was determined to be an older name for *V. bombylicolella* by Sattler (1989).
359. *Vitula serratilineella* was elevated to species status in Neunzig (1990).
360. *Vitula aegerella, V. insula,* and *V. coconinoana* were described in Neunzig (1990).
361. *Volatica gallivorella* was described in Neunzig (1990).
362. *Caudellia albovittella* was synonymized with *C. apprella* in Neunzig (1990).
363. *Caudellia floridensis* was described in Neunzig (1990).
364. *Sosipatra proximanthophila* and *S. knudsoni* were described in Neunzig (1990).
365. *Heinrichiessa* was described for the new species *H. sanpetella* in Neunzig (1990).
366. *Ribua droozi* was described in Neunzig (1990).
367. *Ribua innoxia* is here reported for the first time in the United States from South Carolina by BGS. A male specimen deposited in the BGS personal collection was collected from Francis Marion NF, Berkeley Co., 7 Sep 2002. A somewhat rubbed male with limited reddish scales, but vinculum distinctly twice as long as wide (see Neunzig 1990 for comparison with *R. droozi*).
368. *Bethulia championella* was first reported in the United States Neunzig and Solis (2006).

369. *Anagasta* was synonymized with *Ephestia* in Neunzig (1990).

370. *Homoeosoma ischnomorpha* was synonymized with *Ephestia kuehniella* in Neunzig (1990).

371. *Ephestia columbiella* was described in Neunzig (1990).

372. *Tinea aquella* is a junior subjective synonym and is an undisputed available name and an unused senior synonym as per Article 23 in the International Code of Zoological Nomenclature (K. Sattler pers. comm.; see also Sattler and Tremewan 1984 on Denis & Schiffermüller names).

373. *Ephestia pterogrisella* was synonymized with *E. elutella* in Neunzig (1990).

374. *Uncitruncata* was described for the new species *U. leuschneri* in Neunzig (2000).

375. *Eurythmia furnella* was misspelled as *fumella* in Heinrich (1956) and Munroe (1983).

376. *Eurythmia spaldingella* and *E. yavapaella* were elevated to species status in Neunzig (1990).

377. *Bema neuricella* was first reported in the United States from Florida by Dickel (1987).

378. *Peoria padreella* was described in Blanchard (1980).

379. *Peoria insularis* was described in Shaffer (2003).

380. *Atascosa heitzmani* was described in Shaffer (1980).

381. *Epipaschia zelleri* was transferred to *Macalla* in Solis (1992).

382. *Epipaschia albomedialis* was transferred to *Cacozelia* as a synonym of *C. pemphusalis* in Solis (1993).

383. *Jocara interruptella* and *J. elegans* were transferred to *Cacozelia* in Solis (1993).

384. *Tioga neotropica* was synonymized with *Cacozelia elegans* in Solis (1993).

385. *Cacozelia alboplagialis* was transferred to *Milgithea* in Solis (1993).

386. *Milgithea trilinearis* was reported as reared in the United States from Florida in Solis (1993).

387. *Toripalpus* was resurrected as a genus for *Jocara breviornatalis* and *J. trabalis* in Solis (1993).

388. *Yuma* was omitted from Solis (1993, 1995).

389. The synonymy of *T. adulatalis* was omitted from Solis (1993, 1995).

390. *Deuterollyta* was resurrected as a genus to include *Jocara incrustalis* as a synonym of *D. majuscula* in Solis (1993).

391. *Jocara perseella* was synonymized with *Deuterollyta majuscula* in Solis (1993).

392. *Oneida diploa* and *O. pallidalis* were synonymized with *Oneida luniferella* in Solis (1991).

393. *Oneida grisiella* was described in Solis (1991).

394. *Tetralopha* and all its synonyms were synonymized with *Pococera* in Solis (1993).

395. *Salebria nigricans* is here transferred to *Pococera* as a new synonym of *P. fiscolo-tella* based on MAS examination of type specimen and genitalia slide.

396. *Pococera tertiella* was synonymized with *Pococera gelidalis* in Solis (1993).
Tallula beroella is here reported for the first time from Arizona by MAS. Specimens deposited in the NMNH with the following data: Madera Canyon, Santa Rita Mtns., Santa Cruz Co., J. G. Franclemont, various specimens collected in June and July at elevations around 5000'; also one specimen with the same data collected by D. Davis.

Phidotricha was resurrected as a genus to include P. erigens with Auradisa dryospila as a synonym in Solis (1993). This species was historically misidentified in the literature under the name Pococera atramentalis Lederer, 1863.

Macalla glistanalis was listed as Incertae sedis in Solis (1993). It requires a new genus, inclusion of several Neotropical species, and description of new species. It was first collected by A. Blanchard in Texas in the early 1970's (MAS unpub.).

Several new synonyms for Pyralis farinalis and P. manihotalis were assigned in Shaffer and Solis (1995) and Nuss et al. (2003–2015).

Euclita was synonymized with Aglossa in Fletcher and Nye (1984).

Oryctocera, Crocalia, Agriope and were synonymized with Aglossa in Leraut (2003b).

Pyralis costiferalis, P. disciferalis, P. electalis, and P. cacamica were transferred to Aglossa in Shaffer and Solis (1995).

Several new synonyms for Aglossa pinguinalis and A. caprealis were assigned in Shaffer and Solis (1995) and Nuss et al. (2003-2015).

Dolichomia, Herculia, Cise, Buzala, Ocrasa, Bejuda, Pseudasopia, and Orthopygia were synonymized with Hypsopygia in Leraut (2006a).

Bleone was synonymized with Hypsopygia in Leraut (2003a).

Parasopia was synonymized with Hypsopygia in Shaffer and Solis (1995).

Pyralis intermedialis, Asopia binodulalis, Pyralis nostralis, and Pyralis olinalis were transferred to Hypsopygia in Leraut (2006a).

Pyralis nostralis was placed in Ocrasa (=Hypsopygia) in Shaffer and Solis (1995).

Parasopia dissimilalis, Ocrasa sordidalis, Herculia psammioxantha, and H. venezuelensis were synonymized with Dolichomia (=Hypsopygia) nostralis in Shaffer and Solis (1995).

Herculia infimbrialis was synonymized with Dolichomia (=Hypsopygia) olinalis in Shaffer and Solis (1995).

Uscodys was synonymized with Arispe in Shaffer and Solis (1995).

Uscodys atalis was synonymized with Arispe cestalis in Shaffer and Solis (1995).

Neodavisia melusina was described in Ferguson et al. (1984).

Austromusotima camp佐zonale was released but not established in Florida (Boughton and Pemberton 2012).

Blepharocerus roszellus and B. ignitalis were evidently inserted into the MONA list inadvertently by Munroe (1983). They had not been listed in any previous check lists, and we have found no documented records. Both species are described from Chile.

Solis and Metz (2008) indicated that Aphomia fuscolimbella is likely not of North American origin.
418. Although covered in Neunzig (1986), he mentions that *Cryptoblages gnidiella* is still not recorded from North America, but it is known from Bermuda, Central and South America, and Hawaii.

419. Although included in Munroe (1983), there is no evidence to indicate that *Apomyelois decolor* occurs in the United States, and Neunzig (1990) did not include this species.

420. *Myelois grossipunctella* was reported from the United States but not established and not reported again (Shaffer et al. 1996).

421. *Myelois grossipunctella* was found to be a senior synonym of *Creobota coccophthora* by Shaffer et al. (1996) transferring *grossipunctella* to *Creobota*.

422. *Homoeosoma pseudonimbella* was found to be a synonym of *Phycitodes albatella* by Leraut (2002).

423. *Cactobrosis longipennella* was removed from United States faunal list in Neunzig (1997).

424. *Vitula lugubrella* was found to be a synonym of *Vitula biviella*, a European species. The California description is believed to be in error according to Neunzig (1990).

425. *Coenodomus hockingi* was included in Munroe (1983) based on the description of *Dyaria singularis* from Maine. This locality is now believed to be either in error, or a one time introduction that was not established, and this species is removed from the check list (Solis 1992).

426. *Pococera atramentalis* Lederer, 1863 was included in Munroe (1983) as a result of misidentifications in the literature (see Note #396).

427. *Hemimatia atramentalis* was transferred to *Tallula* in Solis (1993). *Tallula atra* *mentalis* (Lederer, 1863)(*Hemimatia*), described from Venezuela, does not occur in the U.S.

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