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Agriculturally important Pyraloidea (Lepidoptera) of India: key to subfamilies, current taxonomic status and a preliminary checklist

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ABSTRACT: Key to subfamilies, synoptic classification and a preliminary checklist of agriculturally important Pyraloidea in India are provided.

Key words: Pyraloidea, Lepidoptera, key to subfamilies, current taxonomic status

INTRODUCTION

Pyraloidea is the third largest Super-family of Lepidoptera after Noctuoidea and Geometroidea. This group includes about 16,000 described species worldwide, with greatest richness in the tropics (Solis *et al.*, 2007 and Regier *et al.,* 2012). In India, Mathew (2006) reported 1646 species of Pyraloidea in his check list of Indian pyralids, of which 1369 species were documented in the Fauna of British India by Hampson (1896).

Pyraloids are ditrysian moths. The fundamental features that define the pyraloids are a basally scaled proboscis, well developed maxillary palpi, veins R_3 and R_4 of the forewing stalked or fused and paired tympanal chambers on second abdominal sternite, each with a tympanum and a conjunctiva (Plate1). Taxonomy of Pyraloidea has undergone a sea change in the last three decades. Initially, Linnaeus (1758) recognized Pyraloidea as a sub genus of *Pyralis*, in his comprehensive moth genus *Phaleana*. He also included a number of Pyraloidea species into subgenus *Geometra* and members of narrow winged insect sub-families such as Crambinae and Phycitinae in the sub genus *Tinea.* Later, Latreille (1809) elevated the family Pyralidae into superfamily Pyraloidea. Börner (1925) was the first to recognize the difference between the two groups in the Pyraloidea *i.e.,* Pyralidae and Crambidae on the basis of tympanum and presence or absence of praecinctorium. Later, Munroe (1972) proposed Pyraliformes,

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Crambiformes and Midiliformes based on the differences between tympanum. Minet (1983) subsequently elevated Munroe's groups to the Pyralidae and Crambidae based on an extensive study of tympanal organs in Lepidoptera. Munroe and Solis (1999) highlighted the history of classification of Pyraloidea. The familial composition of the Pyraloidea has changed markedly over the past thirty years, with a general decrease in the number of families. The families such as Pterophoridae, Alucitidae, Thyrididae, Hyblaeidae, Oxychirotidae and Tineodidae formerly included in Pyraloidea, are now in their own super families with unresolved affinities (Solis, 2007). In recent years, most of the specialists have agreed that the difference in the structure of tympanum in adults and few larval characters justify division of the former or old Pyralidae family into two families, Crambidae and Pyralidae. However, it is very difficult to recognize crambids and pyralids as distinct groups on the basis of external appearance owing to the enormous variability within each group. Hence an easy diagnostic key to subfamilies of Pyraloidea occurring in India is provided. A synoptic classification and a preliminary checklist of species associated with agricultural crops in India, incorporating recent nomenclatural changes, are also presented here.

MATERIALS AND METHODS

Dissecting techniques and descriptive terminology of male genitalia follow Clark (1941) and Kirti and Gill (2005) with appropriate modifications. Before dissection of genitalia, adults were photographed. The wing slides were prepared by following Robinson (1976) and Thomas (2007) with slight modification. The characters were observed under stereoscopic binocular microscope and photographed using Trinocular streozoom microscope with auto-montage (Lieca 205 model).

The synopsis is a skeletal classification of agriculturally important Pyraloidea in India. This provides a summary of the subfamilies, genera and species occurring in the Indian region and gives the current state of knowledge incorporating the results of modern taxonomic work. The families, sub-families and species of Pyraloidea are listed alphabetically. Further, the valid name, type genus, type species, type locality and synonyms are also presented.

The preliminary checklist of Pyraloidea associated with agricultural crops in India is based on the Global Information System on Pyraloidea (http://www.pyraloidea.org) as well as textbooks such as Lefroy (1906), Fletcher (1914), Ayyar (1940), Pradhan (1969), Nair (1971), Butani and Jotwani (1984), Regupathy *et al*. (1997), Reddy *et al*. (2001), Atwal and Dhaliwal (2005), Reddy (2010), David and Ramamurthy (2012) and David and Ananthakrishan (2014).

RESULTS AND DISCUSSION

Key to subfamilies of Pyraloidea

1. Tympanal case is almost closed, the conjunctiva and tympanum are in the same plane, and praecinctorium is absent. Male genitalia with lateral arms arising at base of uncus

and fore wing vein R_5 stalked or fused with R_{3+4} (Plate 2A) (**Pyralidae**) ……**2**

- Tympanal case is open with a wide antero-medial aperture, the conjunctiva and tympanum are in different plane and meet at a distinct angle, and praecinctorium is present. Male genitalia with lateral arms not arising at base of uncus and forewing vein R5 is free (Plate 2B) (**Crambidae**) ……**4**

2(1). Hind wing with median nervure pectinated on upper side (Plate 3a) ……**3**

- Hind wing with median nervure not pectinated on upper side (Plate 3b) ……**Epipaschiinae**

3(2). Proboscis and ocelli are absent; vein R_5 in forewing present; frenulum spines more than one in female; male genitalia with uncus broad and rounded (Plate 3c, d, e, i & k) ……**Galleriinae**

- Proboscis usually well developed, sometimes rudimentary or absent; ocelli present; vein R_5 in forewing absent; frenulum spines single in both sexes; male genitalia with uncus simple and rounded (Plate 3f, g, h, j & l)……**Phycitinae**

4(1). Chaetosema present (Plate 4a) ……**5**

- Chaetosema absent (Plate 4b) ……**7**

5(4). Hindwing with cubital vein not pectinated on upperside; male genitalia with lateral sub-teguminal process (Plate 4c & d) ……**6**

- Hindwing with cubital vein pectinated on upperside; male genitalia without lateral sub-teguminal process (Plate 4e & f) ……**Crambinae**

6(5). In forewing, R_2 is more often separated from R_{3+4}; vein Cu_2 is present and confined to terminal part (Plate 4g) ……**Schoenobiinae**

- In forewing, R_2 is stalked with R_{3+4} and vein Cu_2 is absent (Plate 4h) ……**Acentropinae**

7(4). Valve of male genitalia without costal process (Plate 4i) ……**8**

- Valve of male genitalia with costal process (Plate 4j) ……**Cybalomiinae**

8(7). Praecinctorium is dorsally bilobed (Plate 4k) …….....…….……..**Spilomelinae**

\- Praecinctorium is simple (Plate 4l) …….....……..……...….**Glaphyriinae**

Synoptic classification of agriculturally important Pyraloidea in India

Superfamily PYRALOIDEA

Family PYRALIDAE

Subfamily EPIPASCHIINAE Meyrick, 1884; type genus: *Epipaschia* Clemens, 1860

= Pococerinae Hampson, 1918; type genus: *Pococera* Zeller, 1848

Genus: *LEPIDOGMA* Meyrick, 1890; type species: *Hypotia tamaricalis* Mann, 1873

= *Asopina* Christoph, 1893; type species: *Asopia obatralis* Christoph, 1877

= *Precopia* Ragonot, 1891; type species: *Hypotia atomalis* Christoph, 1887

Genus: *LAMIDA* Walker, 1859; type species: *Lamida moncusalis* Walker, 1859

= *Allata* Walker, 1863; type species: *Allata penicillata* Walker, 1862

***Lamida moncusalis* Walker (1859)**

= *penicillata* Walker (1859)

Genus: *ORTHAGA* Walker, 1859; type species: *Orthaga euadrusalis* Walker, 1859

= *Edeta* Walker, 1859; type species: *Edeta icarusalis* Walker, (1858)

= *Hyperbalanotis* Warren, 1891; type species: *Glossina achatina* Butler, 1878

= *Pannucha* Moore, 1888; type species: *Pannucha aenescens* Moore, 1888,

= *Proboscidophora* Warren, 1891; type species: *Pyralis tritonalis* Walker, 1859

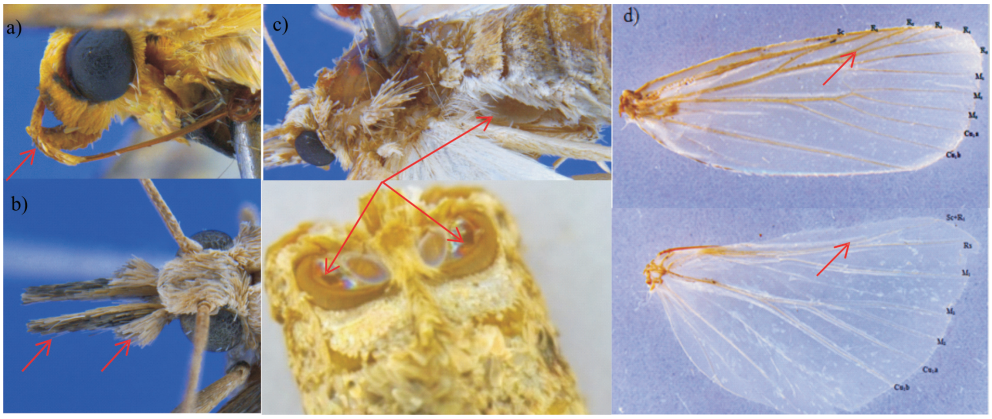
***Orthaga eumictalis* Hampson**; type locality: New Guinea, Fak-fak

***Orthaga euadrusalis* Wlk.**

= *Orthaga acontialis* Walker, 1863

***Orthaga exvinacea* Hmps;** type locality: India, Nilgiri

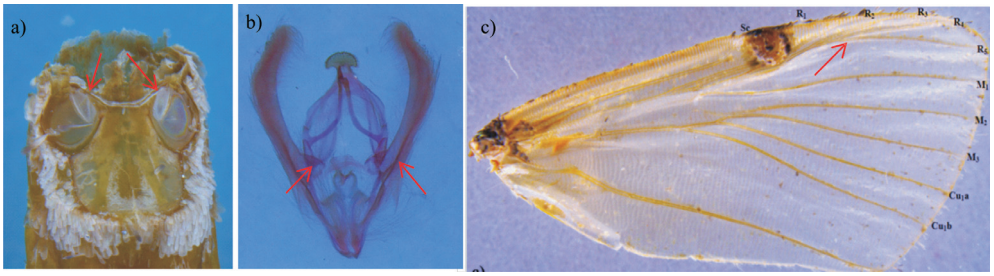
= *Balanotis exvinacea* Hampson, 1891



a) Basally scaled proboscis b) Well developed labial and mxillary palpi c) Paired tympanal chambers on sternite 2, each with a tympanum and a conjunctiva d) Veins R3 and R4 of the fore wing stalked or fused and SC+R1 and RS of hind wing anastomated at distad end

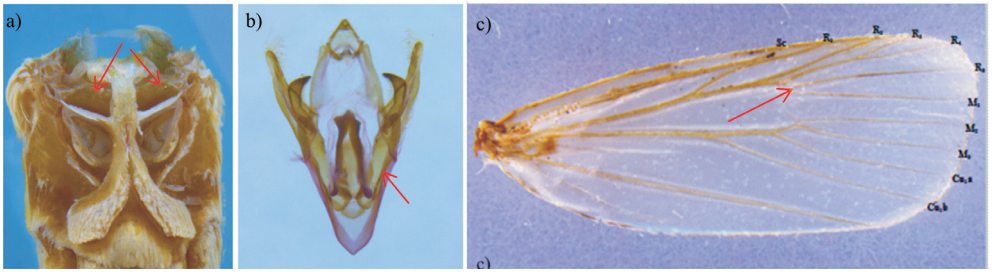
Plate 1: Diagnostic characters of Superfamily Pyraloidea

A) PYRALIDAE



a) Tympanal case almost closed, the conjunctiva and tympanum are in the same plane and praecinctorium is absent; b) male genitalia with lateral arms at base of uncus; c) fore wing veins R5 stalked or fused with R3+4

B) CRAMBIDAE



a) Tympanal case open with a wide antero-medial aperture, the conjunctiva and tympanum are in a different plane and praecinctorium is present ; b) male genitalia without lateral arms at base of uncus; c) forewing veins R5 is free

Plate 2 A & B : Diagnostic characteristic features of families of Pyraloidea

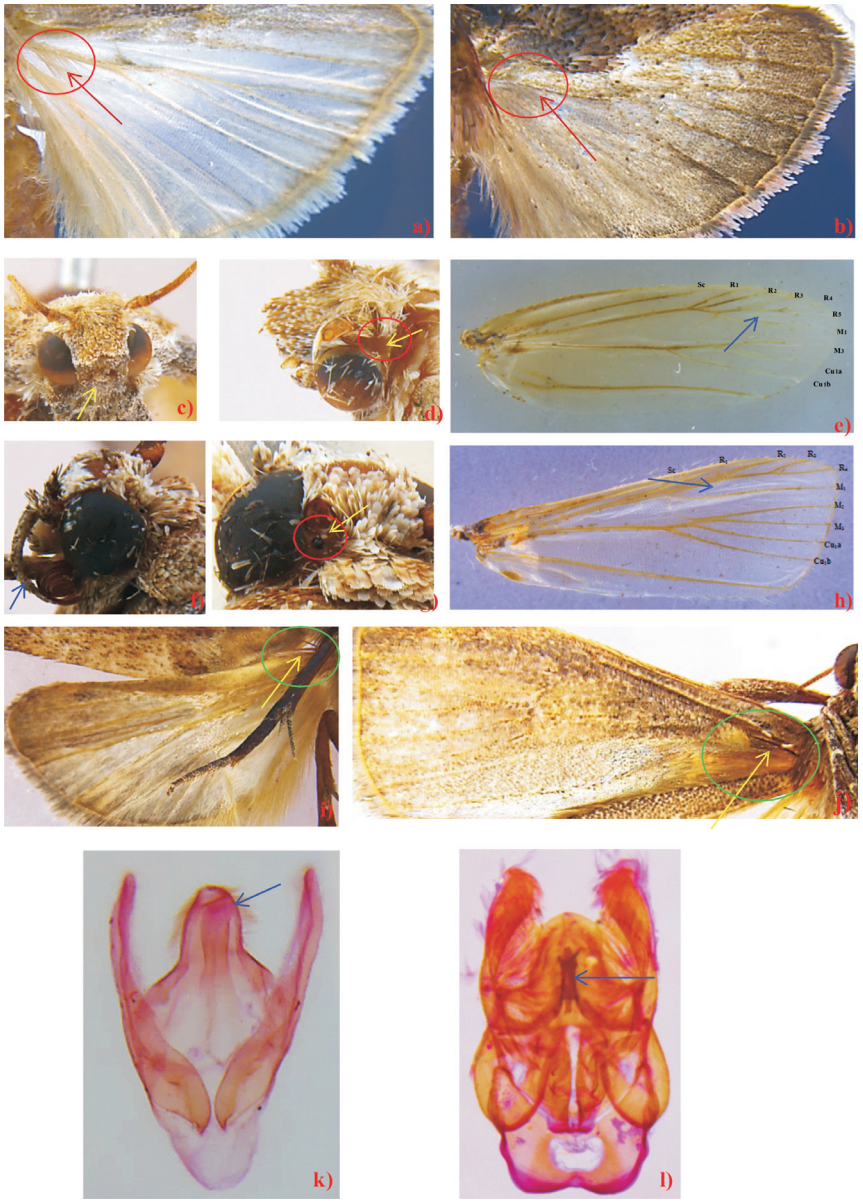


Plate 3. Morphological and genital characters of subfamilies of Pyralidae

a) Hind wing with median nervure pectinated on upper side. b) Hind wing with median nervure not pectinated on upper side. c) Proboscis absent. d) Ocelli are absent e) Vein R_5 in forewing present f) Proboscis usually well developed. g) Ocelli present h) Vein R_5 in forewing absent i) Frenulum spines more than one in female. j) Frenulum spines single in both sexes. k) Male genitalia with uncus broad and rounded. l) Male genitalia with uncus simple and rounded.

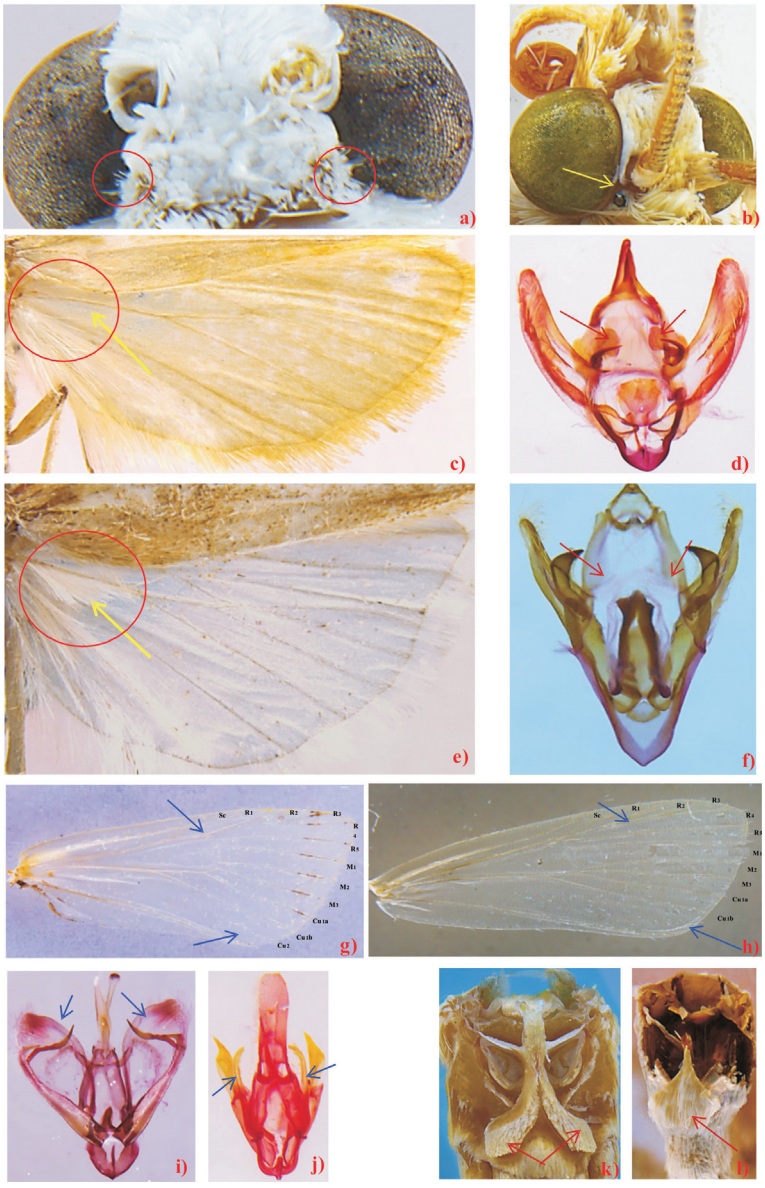


Plate 4. Morphological and genital characters of subfamilies of Crambidae

a) Chaetosema present. b) Chaetosema absent. c) Hindwing with cubital vein not pectinated on upperside. d) Male genitalia with lateral sub-teguminal process. e) Hindwing with cubital vein pectinated on upperside. f) Male genitalia without lateral sub-teguminal process. g) In forewing, R_2 is more often separated from R_{3+4}; vein Cu_2 is present and confined to terminal part. h) In forewing, R_2 is stalked with R_{3+4} and vein Cu_2 is absent. i) Valve of male genitalia without costal process. j) Valve of male genitalia with costal process. k) Praecinctorium is dorsally bilobed. l) Praecinctorium is simple.

Subfamily GALLERIINAE Zeller, 1848; type genus: *Galleria* Fabricius, 1798

= Macrotheciinae Barnes and McDunnough, 1912

Genus: *CORCYRA* Ragonot, 1885; type species : *Melissoblaptes cephalonica* Stainton,1866

= *Tineopsis* Dyar, 1913; type species: *Tineopsis theobromae* Dyar, 1913

***Corcyra cephalonica* (Stainton, 1866) (Melissoblaptes);** type locality: Great Britain

= *Anerastia lineata* Legrand, 1966

= *Corcyra translineella* Hampson and Joannis in Ragonot and Hampson, 1901; type locality: Réunion

= *Melissoblaptes oeconomellus* Mann, 1872; type locality: Bulgaria; Hampson 1917: (syn.)

= *Tineopsis theobromae* Dyar, 1913; type locality: USA, Pennsylvania, Pittsburgh W. T. M. Forbes 1923: (syn.)

Genus: *LAMORIA* Walker, 1863; type species: *Lamoria planalis* Walker, 1863

= *Hornigia* Ragonot, 1885; type species: *Tinea anella* (Denis and Schiffermüller), 1775

= *Lammoria* Turner, 1905

= *Maraclea* Walker, 1863; type species: *Maraclea inostentalis* Walker, 1863

= *Microcyttara* Turner, 1913; type species: *Microcyttara eumeces* Turner, 1913

M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Tugela* Ragonot, 1888; type species: *Tugela clathrella* Ragonot, 1888 Viette 1990 : (syn.)

***Lamoria adaptella* (Walker, 1863)(Pempelia);** type locality: Ceylon (Sri Lanka)

= *anella* Hampson, 1896

= *Crambus foedellus* Walker, 1866; type locality: (Indonesia), Flores, Ragonot and Hampson 1901 (syn.)

= *Lamoria bipunctanus* Moore, 1886; type locality: Ceylon (Sri Lanka)

= *Lamoria fusconervella* Ragonot, 1888; type locality: Indonesia, Sumatra Hampson 1917: (syn.)

Genus: *PARALIPSA* Butler, 1879: type species: *Paralipsa modesta* Butler, 1879

= *Paralispa* Rebel, 1910

***Paralipsa gularis* (Zeller, 1877) (Melissoblaptes);** type locality: Japan

= *Melissoblaptes tenebrosus* Butler, 1879; type locality: Japan;
Ragonot and Hampson 1901: (syn.)

= *Paralipsa modesta* Butler, 1879; type locality: Japan; Hampson 1917: (syn.)

Genus: *STENACHROIA* Hampson, 1898; type species: *Stenachroia elongella* Hampson, 1898

***Stenachroia elongella* Hampson, 1898;** type locality: India, Assam

Genus: *TIRATHABA* Walker, 1864; type species: *Tirathaba mundella* Walker, 1864

= *Coleoneura* Ragonot, 1888; type species: *Coleoneura tacanovella* Ragonot, 1888

= *Harpagoneura* Butler, 1885; type species: *Harpagoneura complexa* Butler, 1885

= *Harpagomorpha* Turner, 1937

= *Metachrysia* Hampson in Ragonot and Hampson, 1901; type species:
Metachrysia acyperella Hampson, 1901
Whalley 1964 : (syn.)

= *Mucialla* Walker, 1866; type species: *Mucialla mundella* Walker, 1866

= *Suisharyona* Strand, 1920; type species: *Suisharyona aperta* Strand, 1920;
Whalley 1964: (syn.)

***Tirathaba mundella* Walker, 1864;** type locality: Malaysia, Sarawak

= *Melissoblaptes fructivora* Meyrick, 1933; type locality: Malaysia;
Whalley 1964: (syn. n.)

= *Mucialla mundella* Walker, 1866; type locality: Malaysia, Sarawak;
Ragonot and Hampson 1901: (syn.)

Subfamily PHYCITINAE Zeller, 1839; type genus: *Phycidea* Zeller, 1839

Genus: *ACROBASIS* Zeller, 1839 (Nephopteryx); type species: *Tinea consociella* Hübner, 1813

= *Acrocaula* Hulst, 1900; type species: *Acrocaula comacornella* Hulst, 1900;
Heinrich 1956: (syn.)

= *Catacrobasis* Gozmány, 1958; type species: *Tinea obtusella* Hübner, 1796; Hannemann 1964: (syn.)

= *Conobathra* Meyrick, 1886; type species: *Conobathra automorpha* Meyrick, 1886; P. Leraut 2005: (syn.)

= *Cyphita* Roesler, 1971; type species: *Myelois rufofusellus* Caradja, 1931; Roesler 1985: (syn.)

= *Cyprusia* Amsel, 1958; type species: *Cyprusia wiltshirei* Amsel, 1958

= *Mineola* Hulst, 1890; type species: *Myelois indigenella* Zeller, 1848; Heinrich 1956: (syn.)

= *Numonia* Ragonot, 1893; type species: *Numonia cymindella* Ragonot, 1893 Roesler 1987: (syn.)

= *Styphlorachis* Hampson, 1930; type species: *Styphlorachis mesophaea* Hampson, 1930 Roesler 1985: (syn.)

= *Seneca* Hulst, 1890; type species: *Cateremna tumidulella* Ragonot, 1887; Heinrich 1956: (syn.)

= *Trachycera* Ragonot, 1893; type species: *Rhodophaea pallicornella* Ragonot, 1887; P. Leraut 2005: (syn.)

= *Hylopylora* Meyrick, 1933; type species: *Hylopylora craterantis* Meyrick, 1933; Roesler 1987: (syn.);

= *Hylophora* Whalley, 1970

= *Rhodophaeopsis* Amsel, 1950; type species: *Rhodophaea iranalis* Amsel, 1950

***Acrobasis pirivorella* (Matsumura, 1900) ;** type locality: Japan, Sapporo and Tokyo

= *Nephopteryx pauperculella* Wileman, 1911

= *Numonia pyrivora* Gerasimov, 1926; type locality: Chabarovsk; Gerasimov 1929: (syn.)

Genus: *ANONAEPESTIS* Ragonot, 1894 ; type species: *Anonaepestis bengalella* Ragonot, 1894

***Anonaepestis bengalella* Ragonot, 1894**

Genus: *APOMYELOIS* Heinrich, 1956; type species: *Dioryctria bistriatella* Hulst, 1887

= *Ectomyelois* Heinrich, 1956; type species: *Myelois decolor* Zeller, 1881; P. Leraut 2002: (syn.)

***Apomyelois ceratoniae* (Zeller, 1839) ;** type locality: Austria, Laibach

= *durandi* D. Lucas, 1950

= *Euzophera zellerella* Sorhagen, 1881; type locality: unknown; Ragonot 1893: (syn.)

= *Heterographis rivularis* Warren and Rothschild, 1905; type locality: Sudan, Atbara River, Nakheila; Roesler 1973: (syn.)

= *Hypsipyla psarella* Hampson, 1903; type locality: India

= *Myelois oporedestella* Dyar, 1911; type locality: USA, Florida, Miami; Heinrich 1956: (syn.)

= *Myelois phoenicis* Durrant, 1915; type locality: Algeria

= *Myelois tuerckheimella* Sorhagen, 1881

= *Myelois tuerkheimiella* Sorhagen, 1881; type locality: unknown; Ragonot 1893: (syn.)

= *Phycis ceratoniella* Fischer von Röslerstamm, 1839; Ragonot 1893: (syn.)

= *Phycita dentilinella* Hampson, 1896; type locality: N.E. India, Manipur; Roesler and Küppers 1981:(syn.)

= *Trachonitis pryerella* Vaughan, 1870; type locality: England, London; Ragonot 1893: (syn.)

Genus: *CADRA* Walker, 1864; type species: *Cadra defectella* Walker, 1864

= *Xenephestia* Gozmány, 1958; type species: *Pempelia cautella* Walker, 1863

***Cadra cautella* (Walker, 1863: 73) (*Pempelia*);** type locality: Sri Lanka

= *Cadra defectella* Walker, 1864; type locality: Sri Lanka

= *Cryptoblabes formosella* Wileman and South, 1918; type locality: China, Taiwan, Kaohsiung

= *Ephestia irakella* Amsel, 1959; type locality: Iraq, Bagdad;
Roesler 1966: (syn.)

= *Ephestia passulella* Barrett, 1875; type locality: Great Britain, England

= *Ephestia pelopis* Turner, 1947; type locality: Australia;
M. Shaffer, Nielsen and Horak 1996 : (syn.)

= *Ephestia rotundatella* Turati, 1930; type locality: Libya, Cyrenaika

= *Nephopteryx desuetella* Walker, 1866; type locality: Australia, Queensland, Moreton Bay

Genus: *CITRIPESTIS* Ragonot, 1893; type species: *Nephopterix sagittiferella* Moore, 1891

= *Philotroctis* Meyrick, 1933; type species: *Philotroctis eutraphera* Meyrick, 1933; Roesler 1983: (syn.)

***Citripestis eutraphera* (Meyrick, 1933) (*Myelois)*;** type locality: Indonesia, Java; Roesler 1983 (*Citripestis*)

Genus: *COPAMYNTIS* Meyrick, 1934; type species: *Elegia alectryonura* Meyrick, 1932

= *Compamyntis* Roesler and Küppers, 1979

***Copamyntis infusella* (Meyrick, 1879) (*Nephopteryx*);** type locality: Australia, Queensland, neighbourhood of Duaringa

= *bipartella* Hampson 1986

Genus: *CRYPTOBLABES* Zeller, 1848; type species: *Ancylosis rutilella* Zeller, 1839

= *Albinia* Briosi, 1877; type species: *Albinia wockiana* Briosi, 1877

***Cryptoblabes angustipennella* Ragonot, 1888;** type locality: Indies ("Indes orientales"), Punjab

***Cryptoblabes gnidiella* (Millière, 1867) (*Ephestia*);** type locality: Spain, Barcelona. France, Alpes-Maritimes, Cannes; Ragonot 1893: (*Cryptoblabes*)

= *Albinia wockiana* Briosi, 1877; Ragonot 1893: (syn.)

= *Cryptoblabes aliena* Swezey, 1909; type locality: USA, Hawaii, Honolulu; Zimmerman 1972: (syn.)

Genus: *DIORYCTRIA* Zeller, 1846; type species: *Tinea abietella* (Denis and Schiffermüller), 1775

= *Dioryctriodes* Mutuura and Munroe, 1974; type species: *Dioryctriodes daelei* Mutuura and Munroe, 1974; Speidel and Asselbergs 2000: (syn.)

= *Ocrisia* Ragonot, 1893; type species: *Myelois robiniella* Millière, 1865; Speidel and Asselbergs 2000: (syn.)

= *Pinipestis* Grote, 1878; type species: *Nephopterix zimmermanni* Grote, 1877; Ragonot 1893: (syn.)

***Dioryctria castanea* Bradley, 1969;** type locality: India, Assam, Um Japung

Genus: *EMMALOCERA* Ragonot, 1888; type species: *Emmalocera crenatella* Ragonot, 1888

= *Ambala* Ragonot, 1888; type species: *Ambala fuscostrigella* Ragonot, 1888; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Baroda* Ragonot, 1888; type species: *Baroda paucigraphella* Ragonot, 1888; M. Shaffer, Nielsen and Horak 1996: (hom.)

= *Critonia* Ragonot, 1891; type species: *Critonia subconcinnella* Ragonot, 1891

= *Enosima* Ragonot in Ragonot and Hampson, 1901; type species: *Enosima neesimella* Ragonot, 1901; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Lodiana* Ragonot, 1888; type species: *Lodiana umbrivittella* Ragonot, 1888; Hampson 1918: (syn.)

= *Papua* Ragonot, 1890; type species: *Papua latilimbella* Ragonot, 1890; Hampson 1918: (syn.)

= *Pectinigeria* Ragonot, 1888; type species: *Pectinigeria macrella* Ragonot, 1888; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Poujadia* Ragonot, 1888; type species: *Poujadia sepicostella* Ragonot, 1888; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Rhinaphe* Berg, 1875; type species: *Rhinaphe signicollis* Berg, 1875

= *Ampycophora* Meyrick, 1882; type species: *Pempelia apotomella* Meyrick, 1879

= *Phinaphe* Berg, 1875

= *Singhaliella* Strand, 1920; type species: *Critonia simplicipalpis* Strand, 1920

= *Socora* Ragonot, 1888; type species: *Socora tenuicostella* Ragonot, 1888;

M. Shaffer, Nielsen and Horak 1996: (syn.)

***Emmalocera depressella* Swinh.**

= *Melissoblaptes depresella* Swinhoe 1885

= *Polyocha depressella* Hampson 1896

= *Polyocha saccharella* Dudgeon 1905

Genus: *EPHESTIA* Guenée, 1845; type species: *Tinea elutella* Hübner, 1796

= *Anagasta* Heinrich, 1956; type species: *Ephestia kuehniella* Zeller, 1879

= *Hyphantidium* Scott, 1859; type species: *Hyphantidium sericarium* Scott, 1859

***Ephestia kuehniella* Zeller, 1879;** type locality: Germany

= *Ephestia (Anagasta) kuehniella* f. *alba* Roesler, 1966 (infrasubsp.); type locality: (no locality given)

= *Ephestia* (*Anagasta*) *kuehniella* f. nigra Roesler, 1966 (infrasubsp.); type locality: Germany

= *Ephestia fuscofasciella* Ragonot, 1887; type locality: USA, Texas

= *Ephestia gitonella* Druce, 1896; type locality: Mexico, Durango

= *Homoeosoma ischnomorpha* Meyrick, 1931; type locality: New Zealand, Whangarei; Roesler 1973: (syn.)

Genus: *ETIELLA* Zeller, 1839; type species: *Phycis zinckenella* Treitschke, 1832

= *Alata* Walker, 1863; type species: *Alata anticalis* Walker, 1863

= *Arucha* Walker, 1863; type species: *Arucha indicatalis* Walker, 1863

= *Ceratamma* Butler, 1881; type species: *Ceratamma hobsoni* Butler, 1881

= *Mella* Walker, 1859; type species: *Mella dymnusalis* Walker, 1859

= *Modiana* Walker, 1863; type species: *Modiana scitivittalis* Walker, 1863

= *Rhamphodes* Guenée, 1845; type species: *Phycis etiella* Treitschke, 1835;

Viette 1990: (syn.)

***Etiella zinckenella* (Treitschke, 1832) (*Phycis*);** type locality: Italy, Sicily

= *Alata anticalis* Walker, 1863; type locality: Sierra Leone; Ragonot 1893: (syn.)

= *Alata hastiferella* Walker, 1866; type locality: Colombia, Santa Marta ; Ragonot 1893: (syn.)

= *Arucha indicatalis* Walker, 1863; type locality: South Africa; Ragonot 1893: (syn.)

= *Crambus sabulinus* Butler, 1879; type locality: Japan; Ragonot 1893: (syn.)

= *Etiella (Pempelia) zinckenella ab. decipiens* Staudinger, 1870; type locality: Spain, Andalusia, Granada

= *Etiella madagascariensis* Saalmüller, 1880; type locality: Madagascar Ragonot 1893: (syn.)

= *Etiella rubribasella* Hulst, 1890; type locality: USA, Florida

= *Etiella schisticolor* Zeller, 1881; type locality: USA, California

= *Etiella villosella* Hulst, 1887; type locality: USA, Colorado; Ragonot 1893: (syn.)

= *marginella* Fabricius 1781

= *Mella dymnusalis* Walker, 1859; type locality: Sierra Leone; Ragonot 1893: (syn.)

= *Modiana scitivittalis* Walker, 1863: 83; type locality: Australia, Queensland, Moreton Bay Ragonot 1893: (syn.)

= *Etiella sincerella* Meyrick, 1879 ; type locality: Australia, Sydney, Gladesville

= *Pempelia spartiella* Rondani, 1876; Ragonot 1893: (syn.)

= *Phycis etiella* Treitschke, 1835; type locality: Italy; Ragonot 1893: (syn.)

= *Rhamphodes heraldella* Guenée, 1862; type locality: France, La Réunion

= *Tinea (Chilo) colonnellus* O.-G. Costa, 1836; type locality: Italy, Napoli Ragonot 1893:(syn.)

= *Tinea (Chilo) majorellus* O.-G. Costa, 1836; type locality: Italy, Napoli Ragonot 1893: (syn.)

Genus: *EUZOPHERA* Zeller, 1867; type species: *Myelois cinerosella* Zeller, 1839

= *Ahwazia* Amsel, 1949; type species: *Ahwazia albocostalis* Amsel, 1949; Roesler 1973: (syn.)

= *Cymbalorissa* Gozmány, 1958; type species: *Stenoptycha fuliginosella;* Heinemann, 1865

= *Longignathia* Roesler, 1965; type species: *Longignathia cornutella* Roesler, 1965 Roesler 1973:(syn.)

= *Melia* Heinemann, 1865; type species: *Myelois cinerosella* Zeller, 1839

= *Pistogenes* Meyrick, 1937; type species: *Pistogenes mercatrix* Meyrick, 1937; Roesler 1973: (syn.)

= *Quadrempista* Roesler, 1973; type species: *Euzophera ultimella* Roesler, 1973

= *Stenoptycha* Heinemann, 1865; type species: *Myelois cinerosella* Zeller, 1839

***Euzophera perticella* Ragonot, 1888;** type locality: India, Kolkata

= *Euzophera nilghirisella* Ragonot, 1893; type locality: India, Calcutta; Roesler 1973: (syn.)

***Euzophera bigella* (Zeller, 1848) (*Ephestia*);** type locality: Italy, Tuscany, Livorno, Antignano

= *Ephestia egeriella* Millière, 1873; type locality: (not given); P. Leraut 2008: (syn.)

= *Euzophera bisinuella* Ragonot, 1887; type locality: Iran, Schahkuh; Roesler 1973:(syn.)

= *Euzophera immundella* Ragonot and Hampson, 1901; type locality: Europe; Roesler 1973: (syn.)

= *Euzophera renulella* Costantini, 1922; type locality: Italy (Saliceta S. G.), Mutina; Roesler 1973: (syn.)

= *Euzopherodes angulella* Chrétien in Oberthür, 1922; type locality: Morocco; Roesler 1973: (syn.)

= *Homoeosoma stenoptycha* Herrich-Schäffer, 1849; type locality: not given; Herrich-Schäffer 1849 : (syn.)

= *Nephopteryx punicaeella* Moore, 1891; type locality: Balochistan ("Belutschistan"), Pomey Yante

= *Tinea stenoptycha* Herrich-Schäffer, 1855; type locality: Poland, G³ogów

Genus: *HYPSIPYLA* Ragonot, 1888; type species: *Hypsipyla pagodella* Ragonot, 1888

***Hypsipyla robusta* (Moore, 1886; (*Magiria*);** type locality: Sri Lanka

Ragonot 1893: (*Hypsipyla*)

= *Epicrocis terebrans* Olliff, 1890; type locality: New South Wales;
M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Hypsipyla pagodella* Ragonot, 1888; type locality: Indes orientales;
Ragonot 1893: (syn.)

= *Hypsipyla scabrusculella* Ragonot, 1893; type locality:Madagascar;
Bradley 1968: (syn.)

Genus: *MUSSIDIA* Ragonot, 1888; type species: *Mussidia nigrivenella* Ragonot, 1888

= *Muscidia* Sharp, 1890

***Mussidia pectinicornella* (Hampson, 1896); (*Myelois*);** type locality: Bhután

Genus: *NEPHOPTERIX* Hübner, 1825; type species: *Tinea angustella* Hübner,1796

= *Alispa* Zeller, 1848; type species: *Tinea angustella* Hübner, 1796

= *Nephopteryx* Zeller, 1839

***Nephopterix eugraphella* Ragonot, 1888;** type locality: Indies

Genus: *PHYCITA* J. Curtis, 1828; type species: *Tinea spissicella* Fabricius, 1794

= *Phycis* Fabricius, 1798; type species: *Tinea spissicella* Fabricius, 1794

= *Ceratium* Thienemann, 1828

= *Gyra* Gistel, 1848

***Phycita clientella* (Zeller, 1867); (*Nephopteryx*);** type locality: India, Calcutta

Genus: *PLODIA* Guenée, 1845; type species: *Tinea interpunctella* Hübner, (1813)

***Plodia interpunctella* (Hübner, 1810–1813) (*Tinea*);** type locality: Europe

= *Ephestia glycinivora* Matsumura, 1917; type locality: Japan, Hokkaido

= *Ephestia glycinivorella* Matsumura, 1932

= *Plodia interpunctella v. castaneella* Reutti, 1898; type locality: Germany,
Pfalz, Speyer

= *Tinea interpunctalis* Hübner, 1825; type locality: presumably Germany

= *Tinea zeae* Fitch, 1856; type locality: USA, New York

= *Unadilla latercula* Hampson, 1901; type locality: Bahamas, Nassau; Heinrich 1956: (syn.)

Genus: *SALURIA* Ragonot, 1887; type species: *Saluria maculivittella* Ragonot, 1887

***Saluria inficita* Walker, 1863**

Genus: *ZONULA* J. C. Shaffer, 1995: 94

= *Hyalospila* Ragonot, 1888; type species: *Hyalospila stictoneurella* Ragonot, 1888

***Zonula leuconeurella* (Ragonot, 1888) (*Hyalospila*);** type locality: Sulawesi

Family CRAMBIDAE

Subfamily ACENTROPINAE Stephens, 1836; type genus: *Acentropus* Curtis, 1834

= Aquaticae Hübner, 1796; type genus: The family group name Aquaticae is not based on an existing genus group name

= Argyractini Lange, 1956; type genus: *Argyractis* Hampson, 1897

= Cataclystae Hübner, 1825

= Chloephila Guilding, 1830

= Elophilae Hübner, 1825

= Kamptoptera Guilding, 1830

= Lathrotelidae J. F. G. Clarke, 197; type genus: *Lathroteles* Clarke.

= Nymphulae Hübner, 1825

= Nymphulites Duponchel, 1845; type genus: *Nymphula* Schrank, 1802

= Hydrocampidae Guenée, 1854; type genus: *Hydrocampa* Stephens, 1829

= Parapoynges Hübner, 1825

= Acentridae A. Speyer, 1869; type genus: *Acentria* Stephens, 1829

= Acentropodidae Dunning, 1872

Genus: *PARAPONYX* Hubner, 1825; type species: *Phalaena stratiota* Linn.1758

= *Paraponyx* Hübner, 1825; type species: *Phalaena stratiotata* Linnaeus, 1758

= *Nymphula*, Schrank, 1802; type species *N. nymphceata*, Linn, from Europe.

= *Cosmophylla* Turner, 1908; type species: *Cosmophylla oxygramma* Turner,1908

= *Eustales* Clemens, 1860; type species: *Eustales tedyuscongalis* Clemens,1860

= *Hydreuretis* Meyrick, 1885; type species: *Hydrocampa tullialis* Walker, 1859

= *Microdracon* Warren, 1890; type species: *Oligostigma bilinealis* Snellen,1876

= *Nymphaeella* Grote, 1880; type species: *Nymphaeella dispar* Grote, 1880

= *Paraponyx* Guenée, 1854

= *Sironia* Clemens, 1860; type species: *Sironia maculalis* Clemens, 1860

***Paraponyx stagnalis* (Zeller, 1852)**

= *Nymphula stagnalis* (Zeller, 1852); type locality: Natal (South Africa)

= *Cataclysta vestigialis* Snellen, 1880; type locality: Sumatra (Indonesia)

= *Hydrocampa depunctalis* Guenée, 1854; type locality: Indes orientales

= *Hydrocampa hilli* Tepper, 1890; type locality: N. W. Victoria(Australia)

= *Zebronia decussalis* Walker, 1859; type locality: Sri Lanka

= *Nymphula depunctalis*, Guen.

Subfamily CRAMBINAE Latreille, 1810; type genus: *Crambus* Fabricius, 1798

= Ancylolomidae Ragonot and Ragonot, 1889; type genus: *Ancylolomia* Hübner, 1825

= Crambina Zeller, 1847: type genus: *Crambus* Fabricius, 1798

= Tetrachila Hübner, 1818

Genus: *ANCYLOLOMIA* Hübner, 1825; type species: *Tinea palpella* Denis and Schiffermüller, 1775,

= *Jartheza* Walker, 1863; type species: *Chilo chrysographellus* Kollar, 1848

= *Pseudoctenella* Strand, 1907; type species: *Ctenus malacellus* Mabille, 1906

= *Ctenus* Mabille, 1906; type species: *Ctenus malacellus* Mabille, 1906

= *Tollia* Amsel, 1949; type species: *Crambus pectinatellus* Zeller, 1847

***Ancylolomia chrysographellus* (Kollar and Redtenbacher, 1844) (*Chilo*);** type locality: Mussourie, Uttarakhand (India)

= *Ancylolomia basistriga* Moore, 1886; type locality: (Sri Lanka) Ceylon, Neuera Eliza Bleszynski 1970: (syn.)

= *bassistriga* Bleszynski & Collins, 1962

= *Jartheza cassimella* Swinhoe, 1887; type locality: India, Mhow; Bleszynski 1970 : (syn.)

= *Jartheza responsella* Walker, 1863; type locality: (India, Hindustan), North Hindostan

= *Jartheza xylinella* Walker, 1863; type locality: Nepal; Bleszynski 1970: (syn.)

Genus: *CHILO* Zincken, 1817; type species: *Tinea phragmitella* Hübner, 1810

= *Borer* Guenée, 1862; type species: *Phalaena saccharalis* Fabricius sensu Guenée,1862 (= *Proceras sacchariphagus* Bojer *et al.,* 1856) Tams 1942: 67 (syn.)

= *Chilona* Sodoffsky, 1837

= *Chilotraea* Kapur, 1950; type species: *Chilo infuscatellus* Snellen, 1890; Bleszynski 1962 : (syn.)

= *Diphryx* Grote, 1881 ; type species: *Diphryx prolatella* Grote, 1881; Hampson 1896: (syn.)

= *Hypiesta* Hampson, 1919 ; type species: *Hypiesta argyrogramma* Hampson, 1919; Bleszynski 1965: (syn.)

= *Nephalia* Turner, 1911; type species: *Nephalia crypsimetalla* Turner, 1911; Bleszynski 1966: (syn.)

= *Silveria* Dyar, 1925; type species: *Silveria hexhex* Dyar, 1925

***Chilo auricilia* Dudgeon, 1905;** type locality: India, Bihar

= *Chilo popescugorji* Bleszynski, 1963; type locality: China, Taiwan; Bleszynski 1970: (syn.)

***Chilo batri* (Fletcher, 1928) (*Diatraea*);** type locality: India, Bihar

***Chilo ikri* (Fletcher, 1928) (*Diatraea*);** type locality: India, Bihar

***Chilo infuscatellus* Snellen, 1890; type locality: Indonesia, Java**

= *infuscatellus* Snellen, 1890; type locality: Indonesia, Java

= *Argyria coniorta* Hampson, 1919; type locality: Bengal, Bihar Pusa (India)

= *Argyria sticticraspis* Hampson, 1919; type locality: Coimbator (India)

= *Chilo tadzhikiellus* Gerasimov, 1949

= *Diatraea calamina* Hampson, 1919; type locality: India and Burma,

= *Diatraea shariinensis* Eguchi, 1933

***Chilo kanra* (Fletcher, 1928) (*Diatraea*);** type locality: India

= *Chilo saccharicola* Fletcher, 1928; type locality: India; Bradley 1982: (syn.)

***Chilo polychrysus* (Meyrick, 1932) (*Diatraea*);** type locality: (Indonesia) Malaya Pen., Malacca

= *polycgrysus* Hua, 2005

***Chilo partellus* (Swinhoe, 1886); type locality: Poona, Mumbai (India).**

= *partellus* (Swinhoe, 1886) (Crambus); type locality: Mumbai, Poona (India)

= *Chilo partellus acutus* Bhattacherjee, 1971; type locality: Skkur, Junagadh, Surendra Nagar; and Kothara (India)

= *Chilo lutulentalis* Tams, 1932; type locality: Malawi (Nyasaland)

= *Chilo partellus coimbatorensis* Bhattacherjee, 1971; type locality: Dehli, Coimbatore, Poona and Dharwar (India)

= *Chilo partellus kanpurensis* Bhattacherjee, 1971; type locality: India, UnitedProvinces and Cawnpore

= *kaanpurense* Vári, Kroon and Krüger, 2002

= *zonellus* (Swinhoe, 1884) (Crambus); type locality: Karachi

***Chilo sacchariphagus indicus* (Kapur) (*Proceras*);** type locality: Mauritius; Bleszynski 1966: (*Chilo*)

= *Argyria straminella* Caradja, 1926; type locality: China, Tsingtan

= *Borer saccharellus* Guenée, 1862; type locality: Réunion; Tams 1942 (syn.)

= *Chilo mauriciellus* Walker, 1863; type locality: Mauritius

= *Chilo venosatus* Walker, 1863; type locality: (Malaysia) Sarawak, Borneo; Bleszynski 1970: (syn.)

= *venosatum* Hua, 2005

= *Diatraea striatalis* Snellen, 1890 Hampson 1896: (syn.)

= *Chilo sacchariphagus stramineella* (Caradja, 1926) (Argyria); type locality: China, Tsingtau

***Chilo suppressalis* (Walker, 1863) (*Crambus*);** type locality: (China, Kiangsu), Shanghai

= *Chilo oryzae* Fletcher, 1928; type locality: India, Pusa;
Kawada 1930: (syn.)

= *Jartheza simplex* Butler, 1881; type locality: (China, Taiwan) Formosa;
Vinson 1942: (syn.)

= *suppresalis* Hampson, 1896

***Chilo tumidicostalis* (Hampson, 1919) (*Argyria*);** type locality: (India) Bengal, Patna

= *Chilo gemininotalis* Hampson, 1919; type locality: (India) Cachar, Kanny Koory; Fletcher 1928: (syn.)

Subfamily CYBALOMIINAE Marion, 1955; type genus: Cybalomia Lederer, 1863

Genus*: HENDECASIS* Hampson, 1896; type species: *Trichophysetis duplifascialis* Hampson, 1891

= *Neohendecasis* Shibuya, 1931; type species: *Pyralis apiciferalis* Walker, 1866

Hendecasis duplifascialis Hampson 1891

= *Trichophysetis duplifascialis*.

Subfamily GLAPHYRIINAE W. T. M. Forbes, 1923; type genus: *Glaphyria* Hübner, 1823

= Agastia Moore, 1881

= Evergestinae Marion, 1952; type genus: *Evergestis* Hübner, 1825

= Evergestini Marion, 1952; type genus: *Evergestis* Hübner, 1825

= Evergestrinae P. Leraut, 2008

= Orenaiini P. Leraut, 1997; type genus: *Orenaia* Duponchel, 1845

= Homophysidae Lederer, 1863; type genus: *Homophysa* Guenée, 1854

= Noordinae Minet, 1980; type genus: *Noorda* Walker, 1859

Genus: *CROCIDOLOMIA* Zeller, 1852; type species: *Crocidolomia binotalis* Zeller, 1852

= *Godara* Walker, 1859; type species: *Pionea comalis* Guenée, 1854

= *Pseudopisara* Shiraki, 1913; type species: *Pseudopisara quadripunctata* Shiraki,1913

= *Tchahbaharia* Amsel, 1951; type species: *Tchahbaharia dentalis* Amsel, 1951

***Crocidolomia pavonana* (Fabricius, 1794) (*Pyralis*);** type locality: (India), Tranquebariae M. Shaffer, Nielsen and Horak 1996: (*Crocidolomia*)

= *Crocidolomia binotalis* Zeller, 1852 M. Shaffer, Nielsen & Horak 1996: (syn.)

= *Pionea comalis* Guenée, 1854; type locality: Central India

= *Pionea incomalis* Guenée, 1854

= *Pseudopisara quadripunctata* Shiraki, 1913; type locality: China, Taiwan

= *Tchahbaharia dentalis* Amsel, 1951; type locality: Iran

Genus: *HELLULA* Guenée, 1854: 415; type species: *Phalaena undalis* Fabricius, 1781

= *Ashwania* Pajni and Rose, 1977; type species: *Ashwania reniculus* Pajni and Rose, 1977; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Oeobia* Hübner, 1825; type species: *Phalaena undalis* Fabricius, 1781

= *Oebia* Hübner, 1825

= *Phyratocosma* Meyrick, 1936; type species: *Phyratocosma trypheropa* Meyrick, 1936; Munroe 1972: (syn.)

***Hellula undalis* (Fabricius, 1781) (*Phalaena*);** type locality: Italy

= *Ashwania reniculus* Pajni and Rose, 1977
M. Shaffer, Nielsen & Horak 1996: (syn.)

= *Evergestis occidentalis* Joannis, 1930; type locality: Morocco
M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Leucinodes exemptalis* Walker, 1866; type locality: China

= *lunulalis* (Costa,1836)

= *Pionea geyri* Rothschild, 1915

= *Scoparia alconalis* Walker, 1859; type locality: Sri Lanka (Ceylon)
Swinhoe and Cotes 1889: (syn.)

Subfamily SCHOENOBIINAE Duponchel, 1846; type genus: *Schoenobius* Duponchel, 1846

Genus: *SCIRPOPHAGA* Treitschke, 1832; type species: *Tinea phantasmatella* Hübner, 1796

***Scirpophaga excerptalis* (Walker, 1863) (*Chilo*);** type locality: (India) North Hindostan

= *Scirpophaga butyrota* Meyrick, 1889; type locality: New Guinea, Port Moresby; Lewvanich 1981: (syn.)

= *Scirpophaga intacta* Snellen, 1890; type locality: Indonesia, Java

= *Scirpophaga monostigma* Zeller, 1863; type locality: Unknown (Patria ignota); Lewvanich 1981: (syn.)

= *Topeutis rhodoproctalis* Hampson, 1919; type locality: Singapore; Lewvanich 1981: (syn.)

***Scirpophaga gilviberbis* Zeller, 1863;** type locality: (India) Calcutta

***Scirpophaga incertulas* Walker, 1863; Type locality: (Malaysia) Sarawak, Borneo**

= *Catagela admotella* Walker, 1863; type locality: Sri Lanka (Ceylon)

= *Chilo gratiosellus* Walker, 1864; type locality: Sri Lanka (Ceylon)

= *incertellus* (Walker, 1917)

= *Schoenobius minutellus* Zeller, 1863; type locality: Java (Indonesia)

= *Schoenobius punctellus* Zeller, 1863; type locality: Java (Indonesia) and Calcutta (India)

= *Tipanaea bipunctifera* Walker, 1863; type locality: Sarawak (Malaysia)

= *bipunctifer* (Strand, 1918) (Schoenobius)

= *Schoenobius bipunctifer ab. quadripunctellifera* Strand, 1918; type locality: Formosa and Kankan (Taiwan)

***Scirpophaga innotata* (Walker, 1863) (*Tipanaea*);** type locality: Malaysia, Sarawak

= *Scirpophaga sericea* Snellen, 1880; type locality: Indonesia, Sumatra, Solok; Soepajang

***Scirophaga nivella* (Fabricius, 1794) (*Tinea*);** type locality: India orientali

Lewvanich 1981 (*Scirpophaga*)

= *Schoenobius brunnescens* Moore, 1888; type locality: India, Calcutta; Lewvanich 1981:(syn.)

= *Schoenobius celidias* Meyrick, 1894; type locality: Indonesia, Borneo; Lewvanich 1981:(syn.)

= *Scirpophaga auriflua* Zeller, 1863; type locality: India, Calcutta; Caradja 1925: (syn.)

= *Scirpophaga chrysorrhoa* Zeller, 1863; type locality: Indonesia, Java, near Batavia Lewvanich 1981: (syn.)

= *Scirpophaga euclastalis* Strand, 1918; type locality: (China, Taiwan), Formosa, Anping Lewvanich 1981: (syn.)

Subfamily SPILOMELINAE Guenée, 1854; type genus: *Spilomela* Guenée, 1854

= Agroteridi Acloque, 1897; type genus: *Agrotera* Schrank, 1802

= Dichocrociinae Swinhoe, 1900; type genus: *Dichocrocis* Lederer, 1863

= Hapaliadae Swinhoe, 1890; type genus: *Hapalia* Hübner, 1818

= Hydririni Minet, 1982; type genus: *Hydriris* Meyrick, 1885

= Hymeniinae Swinhoe, 1900; type genus: *Hymenia* Hübner, 1825

= Lineodini Amsel, 1956; type genus: *Lineode*s Guenée, 1854

= Margarodidae Guenée, 1854; type genus: *Margarodes* Guenée, 1854

= Margaronidae Swinhoe and Cotes, 1889; type genus: *Margaronia* Hübner, (1825)

= Nomophilini Kuznetzov and Stekolnikov, 1979; type genus: *Nomophila* Hübner, 1825

= Siginae Hampson, 1918; type genus: *Siga* Hübner, 1820

= Steniadae Guenée, 1854; type genus: *Stenia* Guenée, (1845)

= Syleptinae Swinhoe, 1900; type genus: *Syllepte* Hübner, 1825

= Udeini P. Leraut, 1997; type genus: *Udea* Guenée in Duponchel, 1845

= Wurthiinae Roepke, 1916; type genus: *Wurthia* Roepke, 1916

Genus: *AGRIOGLYPTA* Meyrick, 1932: 244; type species: *Agrioglypta enneactis* Meyrick, 1932

***Agrioglypta itysalis* (Walker, 1859) (*Glyphodes*);** type locality: (Malaysia), Borneo, Sarawak; M. Shaffer, Nielsen and Horak 1996: (*Agrioglypta*)

= *Glyphodes piepersialis* Snellen, 1880; type locality: Indonesia, Sumatra, Ringkiang Loeloes

Genus: *AGROTERA* Schrank, 1802 ; type species: *Phalaena nemoralis* Scopoli, 1763

= *Agroptera* Hampson, 1899

= *Leucinodella* Strand, 1918; type species: *Leucinodella agroterodes* Strand, 1918

= *Nistra* Walker, 1859; type species: *Nistra coelatalis* Walker, 1859; Hampson 1896: (syn.)

= *Sagariphora* Meyrick, 1894; type species: *Sagariphora heliochlaena* Meyrick,1894

= *Tetracona* Meyrick, 1884; type species: *Aediodes amathealis* Walker, 1859

***Agrotera basinotata* Hampson, 1891;** type locality: India, Nilgiris, plateau

Genus: *ANTIGASTRA* Lederer, 1863; type species: *Botys catalaunalis* Duponchel, 1833

***Antigastra catalaunalis* (Duponchel, 1833) (Botys);** type locality: Spain, Barcelona

= *Antigastra catalaunalis ab. sionensis* Caradja, 1929 (infrasubsp.); type locality: Jordantal et Jericho

= *Botys venosalis* Walker, 1866; type locality: Congo. India

Genus: *CNAPHALOCROCIS* Lederer, 1863 ; type species: *Botys iolealis* Walker, 1859,

= *Cnaphalocrocis* Lederer, 1863; type species: *Botys iolealis* Walker, 1859,

= *Bradinomorpha* Matsumura, 1920; type species: *Bradinomorpha nawae* Matsumura, 1920.

= *Dolichosticha* Meyrick, 1884; type species: *Asopia venilialis* Walker, 1859

= *Epimima* Meyrick, 1886; type species: *Epimima stereogona* Meyrick, 1886

= *Lasiacme* Warren, 1896; type species*: Lasiacme pilosa* Warren, 1896

= *Marasmia* Lederer, 1863; type species: *Marasmia cicatricosa* Lederer, 1863

= *Neomarasmia* Kalra, David and Banerji, 1967

= *Prodotaula* Meyrick, 1934; type species: *Prodotaula conformis* Meyrick, 1934

= *Susumia* Marumo, 1930; type species: *Samea exigua* Butler, 1879

***Cnaphalocrocis bilinealis* (Hampson, 1891) (*Dolichosticha*);** type locality: S. India, Nilgiris

***Cnaphalocrocis medinalis* Guenée, 1854*;* type locality: East India (Indes Orientales)**

= *Salbia medinalis* Guenée, 1854

= *Botys nurscialis* Walker, 1859; type locality: Moreton Bay and Sydney (Australia)

***Cnaphalocrocis poeyalis* (Boisduval, 1833) (*Botys*);** type locality: Mauritius. Réunion (Bourbon)

= *Asopia venilialis* Walker, 1859; type locality: Australia, Moreton Bay

= *venialis* (Gaede, 1916) (Marasmia)

= *Botys marisalis* Walker, 1859; type locality: Malaysia, Borneo, Sarawak. Australia, Sydney

= *Botys minutalis* Mabille, 1879; type locality: Madagascar

= *Botys ruralis* Walker, 1859; type locality: Sri Lanka

= *Lasiacme mimica* Warren, 1896; type locality: India, Meghalaya, Khasi Hills

= *Marasmia cicatricosa* Lederer, 1863; type locality: Indonesia, Java

= *Marasmia hampsoni* Rothschild, 1921; type locality: Nigeria, Jigawa

= *Marasmia rectistrigosa* Snellen, 1872; type locality: Angola

***Cnaphalocrocis trapezalis* Guenée, 1854; type locality: Sierra Leone**

= *trapezalis* (Guenée, 1854) (Salbia); type locality: Sierra Leone

= *Botys convectalis* Walker, 1866; type locality: India

= *Botys creonalis* Walker, 1859; type locality: Dominican Republic, Santo Domingo

= *Botys neoclesalis* Walker, 1859; type locality: Cape (South Africa)

= *Botys suspicalis* Walker, 1859; type locality: Sri Lanka (Ceylon)

= *Bradina andresi* Rebel, 1912

= *Cnaphalocrocis bifurcalis* Snellen, 1880; type locality: Indonesia, Celebes (Sulawesi)

= *Dolichosticha perinephes* Meyrick, 1886; type locality: Fiji

Genus: CONOGETHES *Conogethes punctiferalis*

Genus: *COPTOBASIS* Lederer, 1863; type species: *Desmia opisalis* Walker, 1859

***Coptobasis textalis* Lederer, 1863;** type locality: East India

= *Coptobasis aenealis* Swinhoe, 1885; type locality: India, Pune, Mumbai

Genus: *DIAPHANIA* Hübner, 1818; type species: *Diaphania vitralis* Hübner, 1818

= *Diaphania* Stephens, 1829; type species: *Pyralis lucernalis* Hübner, 1796

= *Eudioptis* Hübner, 1823; type species: *Pyralis lucernalis* Hübner, 1796

= *Phakellura* Guilding, 1830; type species: *Phalaena hyalinata* Linnaeus, 1767

= *Phacellura* J. L. R. Agassiz, 1847

= *Sestia* Snellen, 1875; type species: *Sestia oleosalis* Snellen, 1875

M. Shaffer, Nielsen and Horak 1996: (syn.)

***Diaphania indica* (Saunders, 1851) (*Eudioptes*);** type locality: Indonesia, Java

= *Botys hyalinalis* Boisduval, 1833; type locality: Madagascar

= *Eudioptis capensis* Zeller, 1852; type locality: South Africa

= *Glyphodes intermedialis* Dognin, 1904; type locality: Paraguay

= *indicalis* Moore, 1867

= *Phakellura cucurbitalis* Guenée, 1862; type locality: Réunion

= *Phakellura gazorialis* Guenée, 1854; type locality: Indonesia, Java

= *garorialis* Snellen, 1882

= *Phakellura zygaenalis* Guenée, 1854; type locality: Israel / Palestinia, Judea

Genus: *GLYPHODES* Guenée, 1854; type species: *Glyphodes stolalis* Guenée, 1854

= *Caloptychia* Hübner, 1825; type species: *Phalaena chrysialis* Stoll, 1790

= *Calliptychia* J. L. R. Agassiz, 1847

= *Dysallacta* Lederer, 1863; type species: *Phalangiodes negatalis* Walker, 1859

Inoue 1982 (syn.)

= *Disallacta* Lederer, 1863

= *Morocosma* Lederer, 1863; type species: *Phalaena margaritaria* Clerck, 1764

***Glyphodes pulverulentalis* Hampson, 1896:** type locality: India, Nagas.

Myanmar/Thailand, Tenasserim

***Glyphodes pyloalis* Walker, 1859;** type locality: China

= *Glyphodes sylpharis* Butler, 1878; type locality: Japan

Butler 1879: (syn.)

Genus: *HARITALODES* Warren, 1890; type species: *Botys multilinealis* Guenée, 1854

***Haritalodes derogata* (Fabricius, 1775) (*Phalaena*);** type locality: India orientali

= *Botys multilinealis* Guenée, 1854; type locality: East India

= *Botys otysalis* Walker, 1859; type locality: Australia, Moreton Bay

= *Notarcha obliqualis* T. P. Lucas, 1898; type locality: Australia, Queensland, Brisbane; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Zebronia salomealis* Walker, 1859; type locality: Sierra Leone; Moore 1877: (syn.)

Genus: *HERPETOGRAMMA* Lederer, 1863; type species: *Herpetogramma servalis* Lederer, 1863

= *Acharana* Moore, 1885; type species: *Botys otreusalis* Walker, 1859

= *Corematariа* Amsel, 1956; type species: *Botys infuscalis* Guenée, 1854; Munroe 1995: (syn.)

= *Culcitaria* Amsel, 1957; type species: *Botys infuscalis* Guenée, 1854 Munroe 1995: (nom. nud.)

= *Macrobotys* Munroe, 1950; type species: *Botys aeglealis* Walker, 1859

= *Pachyzancla* Meyrick, 1884; type species: *Botys mutualis* Zeller, 1852

= *Pantoeocome* Warren, 1896; type species: *Pantoeocome deformis* Warren, 1896

= *Piloptila* Swinhoe, 1894; type species: *Piloptila nigricornalis* Swinhoe, 1894

= *Ptiloptila* Hampson, 1899

= *Stenomelas* Hampson, 1912

= *Stenomeles* Warren, 1892; type species: *Botys agavealis* Walker, 1859; Munroe 1995 : (syn.)

***Herpetogramma basalis* (Walker, 1866) (*Botys*);** type locality: Sri Lanka ("Ceylon")

= *Botys inanitalis* Lederer, 1863; type locality: East India, Indonesia, Moluccas, Ambon Island

= *Pyrausta dorsipunctalis* Rebel, 1892; type locality: Spain, Canary Is., La Palma, near Fuente de Aduarez, 600 m; Gran Canaria

= *dorcalis* (Alphéraki, 1889) (*Pyrausta*)

Genus: *LEUCINODES* Guenée, 1854; type species: *Leucinodes orbonalis* Guenée, 1854

= *Leuctinodes* South, 1897

= *Sceliodes* Guenée, 1854; type species: *Sceliodes mucidalis* Guenée, 1854; Mally, Korycinska, Agassiz, Hall, Hodgetts and Nuss 2015: (syn.)

= *Daraba* Walker, 1859; type species: *Daraba idmonealis* Walker, 1859; Hampson 1899: (syn.)

= *Eretria* Snellen, 1880; type species: *Eretria obsistalis* Snellen, 1880; Hampson 1899: (hom.)

***Leucinodes orbanalis* Guenée, 1854;** type locality: India. Indonesia, Java

Genus: *MALIARPHA* Ragonot, 1888; type species: *Maliarpha separatella* Ragonot, 1888

= *Ampycodes* Hampson in Ragonot and Hampson, 1901; type species: *Anerastia pallidicosta* Hampson, 1896; E. L. Martin 1958: (syn.)

= *Biafra* Ragonot, 1888; type species: *Biafra concinnella* Ragonot, 1888; Cook 1997: (syn.)

= *Ethiotropa* Hampson, 1918; type species: *Ethiotropa pyromerella* Hampson, 1918; Cook 1997: (syn.)

***Meliarpha separatella* Ragonot, 1888;** type locality: Cameroon

= *Anerastia pallidicosta* Hampson, 1896; E. L. Martin 1958: (syn.)

= *Enosima vectiferella* Ragonot and Hampson, 1901; type locality: Madagascar; Paulian and Viette 1955: (syn.)

Genus: *MARUCA* Walker, 1859 ; type species: *Hydrocampe aquitilis* Guérin-Méneville, (1832)

= *Maruea* Walker, 1859

= *Siriocauta* Lederer, 1863; type species: *Crochiphora testulalis* Geyer, 1832

***Maruca vitrata* (Fabricius, 1787) (Phalaena);** type locality: (India) Tranquebariae

Munroe 1995 : (*Maruca*)

= *Botys bifenestralis* Mabille, 1880; type locality: Madagascar;

Marion 1954 : (syn.)

= *Crochiphora testulalis* Geyer in Hübner, 1832; type locality: Argentina, Buenos-Aires

= *testulalis* (Geyer, 1931)

= *Hydrocampe aquitilis* Guérin-Méneville, 1832; type locality: Java

= *aquatilis* Shibuya, 1928

Genus*: NAUSINOE* Hübner, 1825; type species: *Phalaena pueritia* Cramer, (1780) 1779

= *Lepyrodes* Guenée, 1854; type species: *Lepyrodes geometralis* Guenée, 1854

= *Phalangiodes* Guenée, 1854; type species: *Phalaena pueritia* Cramer, (1780) 1779

Nausinoe geometralis (Guenée, 1854) (*Lepyrodes*); type locality: Central India

= *Nausinoe geometricalis* (Lederer, 1863)

Nausinoe pueritia (Cramer, 1780); type locality: Coromandel

= *Phalaena pueritia*

Genus: *OMIODES* Guenée, 1854; type species: *Omiodes humeralis* Guenée, 1854

= *Charema* Moore, 1888; type species: *Charema noctescens* Moore, 1888

= *Coenostola* Lederer, 1863; type species: *Botys origoalis* Walker, 1859

= *Coenolesta* Whalley, 1962

= *Deba* Walker, 1866; type species: *Deba surrectalis* Walker, 1866

= *Hedylepta* Lederer, 1863; type species: *Asopia vulgalis* Guenée, 1854; Munroe 1989: (syn.)

= *Hedilepta* Lederer, 1863

= *Heydelepta* Dyar, 1917

= *Lonchodes* Guenée, 1854; type species: *Lonchodes capillalis* Guenée, 1854; Munroe 1995 : (syn.)

= *Loxocreon* Warren, 1892; type species: *Salbia continuatalis* Wallengren, 1860; Zimmerman 1958: (syn.)

= *Merotoma* Meyrick, 1894; type species: *Botys dairalis* Walker, 1859; Munroe 1995 : (syn.)

= *Pelecyntis* Meyrick, 1884; type species: *Pyrausta absistalis* Walker, 1859

= *Phycidicera* Snellen, 1880; type species: *Phycidicera manicalis* Snellen, 1880 Munroe 1967:(syn.)

= *Spargeta* Lederer, 1863; type species: *Spargeta basalticalis* Lederer, 1863

***Omides diemenalis* (Guenée, 1854) (Asopia);** type locality: Tasmania

= *Asopia lydialis* Walker, 1859; type locality: Australia, Moreton Bay

= *Botys ustalis* Lederer, 1863; type locality: Indonesia, Ambon Island

= *diementalis* Inoue, 1996

= *Hedylepta pyraustalis* Snellen, 1880; type locality: Sumatra, Boea; Solok; Soepajang; Silago

= *Pyralis incertalis* Walker, 1866

= *Pyrausta absistalis* Walker, 1859; type locality: Sri Lanka (Ceylon), India

***Omides indicata* (Fabricius, 1775) (Phalaena);** type locality: India orientali

= *Asopia vulgalis* Guenée, 1854; type locality: Brazil, Guyana, Antilles

= *vulgaris* (Grünberg, 1910)

= *Botis fortificalis* Möschler, 1890; type locality: Puerto Rico

= *Botys connexalis* Walker, 1866; type locality: Dominican Republic

= *Botys dolosalis* Möschler, 1881; type locality: Surinam

= *Botys moeliusalis* Walker, 1859; type locality: Malaysia, Sarawak

= *Botys reductalis* Walker, 1866; type locality: China, prov. Fukien, Amoy

= *Botys sabalis* Walker, 1859: 631; type locality: Brazil, Rio de Janeiro

= *Nacoleia indicata ab. pigralis* Dognin, 1909: (infrasubsp.); type locality: French Guiana, Saint-Laurent du Maroni

= *Omiodes dnopheralis* Mabille, 1900; type locality: Madagascar, Antongil

= *Psara lionnetalis* Legrand, 1966

Genus: *PALPITA* Hübner, 1808; type species: *Pyralis unionalis* Hübner, 1796

= *Apyrausta* Amsel, 1951; type species: *Apyrausta persicalis* Amsel, 1951

= *Conchia* Hübner, 1821; type species: *Pyralis unionalis* Hübner, (1796)

= *Hapalia* Hübner, 1818; type species: *Hapalia illibalis* Hübner, 1818

= *Hvidodes* Swinhoe, 1900

= *Margarodes* Guenée, 1854; type species: *Pyralis unionalis* Hübner, 1796

= *Ledereria* Marschall, 1873

= *Margaronia* Hübner, 1825; type species: *Pyralis unionalis* Hübner, 1796

= *Paradosis* Zeller, 1852; type species: Paradosis villosalis Zeller, 1852

= *Sarothronota* Lederer, 1863; type species: *Phalaena flegia* Cramer, 1777

= *Sebunta* Walker, 1863; type species: *Sebunta guttulosa* Walker, 1863

= *Sylora* Swinhoe, 1900; type species: *Sisyrophora cirralis* Swinhoe, 1897; M. Shaffer, Nielsen and Horak 1996: (syn.)

= *Tobata* Walker, 1859; type species: *Tobata elealis* Walker, 1859

***Palpita vitrealis* (Rossi, 1794) (*Phalaena*);** type locality: Italy

= *Pyralis unionalis* Hübner, 1796; P. Leraut 1997: (syn.)

= *Botys quinquepunctalis* Boisduval, 1833; type locality: Mauritius, Bourbon (Reunion)

= *Margarodes septempunctalis* Mabille, 1880; type locality: Madagascar

= *Margarodes transvisalis* Guenée, 1854; type locality: Central Africa, Pays des Namaquois

Genus: *SPOLADEA* Guenée, 1854; type species: *Phalaena recurvalis* Fabricius, 1775

***Spolodea recurvalis* (Fabricius, 1775) (*Phalaena*);** type locality: India orientali

= *Hydrocampa albifacialis* Boisduval, 1833; type locality: Madagascar

= *albifascialis* (Boisduval, 1833) (*Hydrocampa*)

= *Hymenia diffascialis* Hübner, 1825

= *Hymenia exodias* Meyrick, 1904; type locality: Hawaii, Molokai, 1000 ft; Zimmerman 1958: (syn.)

= *Nacoleia ancylosema* Dognin, 1909; type locality: French Guiana, Saint-Laurent du Maroni; Munroe 1995 : (syn.)

= *Odezia hecate var. formosana* Shiraki, 1910

= *Phalaena angustalis* Fabricius, 1787; type locality: (India), Tranquebariae

= *Phalaena Pyralis fascialis* Stoll in Cramer and Stoll, 1782; type locality: Japan

Table1. 1 Preliminary checklist of agriculturally important Pyraloidea in India

Species	Subfamily	Family	Host range
Acrobasis pyrivorella Matsumura	Phycitinae	Pyralidae	*Pyrus* sp
Agrioglypta itysalis Walker	Spilomelinae	Crambidae	*Ficus carica* L.
Agrotera basinotata Hamp.	Spilomelinae	Crambidae	*Syzygium buxifolium* (L.)
Ancylolomia chrysographella (Koll.)	Crambinae	Crambidae	*Sorghum bicolor* (L.), *Zea mays* L., etc.
Anonaepestis bengalella Ragonot	Phycitinae	Pyralidae	*Annona squamosa* L. and *Annona reticulata* L.
Antigastra catalaunalis (Duponchel)	Spilomelinae	Crambidae	*Sesamum indicum* L.
Apomyelois caratoniae Zeller	Phycitinae	Pyralidae	*Punica granatum L., Citrus sp.* L., *Ricinus* etc.
Cadra cautella (Walk.)	Phycitinae	Pyralidae	Flour of cereals, beans of cocoa, groundnut seeds, dates, nutmeg, etc.
Chilo auricilia Dudgeon	Crambinae	Crambidae	*Oryza sativa* L., *Saccharum officinarum* L., *Sorghum bicolor* (L.), *Zea mays* L. etc.
Chilo batri F.	Crambinae	Crambidae	*Saccharum officinarum* L. etc.
Chilo ikri F.	Crambinae	Crambidae	*Saccharum officinarum* L. etc.
Chilo infuscatellus (Snellen)	Crambinae	Crambidae	*Avena sativa* L., *Hordeum vulgare* L., *Saccharum officinarum* L., *Sorghum bicolor* (L.), *Zea mays* L. etc.
Chilo kanra F.	Crambinae	Crambidae	*Saccharum officinarum* L. etc.
Chilo partellus (Swinhoe)	Crambinae	Crambidae	*Oryza sativa* L., *Avena sativa* L., *Hordeum vulgare* L., *Saccharum officinarum* L., *Sorghum bicolor* (L.), *Zea mays* L. *Pennisetum glaucum* (L.) etc.
Chilo polychrysa (Meyr.)	Crambinae	Crambidae	*Oryza sativa* , *Zea mays* L., *Saccharum officinarum* L. etc.
Chilo sacchariphagus indicus (Kapur)	Crambinae	Crambidae	*Saccharum officinarum* L., *Sorghum bicolor* (L.), *Zea mays* L. etc.

Species	Subfamily	Family	Host range
Chilo suppressalis (Walker)	Crambinae	Crambidae	*Oryza sativa* L., *Sorghum bicolor* (L.), *Zea mays* L., *Saccharum officinarum* L. etc.
Chilo tumidicostalis Hmpsn.	Crambinae	Crambidae	*Saccharum officinarum* L.
Citripestis eutraphera Meyrick	Phycitinae	Pyralidae	*Mangifera indica* L.
Cnaphalocrocis bilinealis (Hmps.)	Spilomelinae	Crambidae	*Oryza sativa* L.
Cnaphalocrocis medinalis (Guen.)	Spilomelinae	Crambidae	*Avena sativa* L., *Pennisetum glaucum* (L.), *Hordeum vulgare* L., *Saccharum officinarum* L., *Sorghum bicolor* (L.), *Zea mays* L. *Triticum* sp. L. etc.
Cnaphalocrocis poeyalis (Walker)	Spilomelinae	Crambidae	*Oryza sativa* L.
Cnaphalocrocis trapezalis Guen.	Spilomelinae	Crambidae	*Zea mays* L., *Sorghum bicolor* (L.), *Saccharum officinarum* L. etc.,
Conogethes punctiferalis Guen.	Spilomelinae	Crambidae	*Ricinus communis* L., *Zea mays* L., *Sorghum bicolor* (L.), *Carica papaya* L., *Helianthus annuus* L., *Solanum melongena* L., *Citrus limon* (L.), *Elettaria cardamomum* (Maton) etc.
Copamyntis infusella Meyr.	Phycitinae	Pyralidae	*Gossypium* sp.
Coptobasis textalis L.	Spilomelinae	Crambidae	*Gossypium* sp.
Corcyra cephalonica Stainton	Galleriinae	Pyralidae	Grains/flour of cereals, dried fruits etc.
Crocidolomia pavonana Fabricious	Glaphyriinae	Crambidae	*Brassica oleracea* L., B. *juncea* (L.), B.*rapa* L., *Raphanus sativus* L. etc.
Cryptoblabes angustipennella Hamps.	Phycitinae	Pyralidae	*Citrus sp.* L., *Mangifera indica* L., *Psidium guajava* L., *Tamarindus indica* L. , *Triticum aestivum* L. etc.
Cryptoblabes gnidiella Mill.	Phycitinae	Pyralidae	*Oryza sativa* L., *Saccharum officinarum* L., *Sorghum bicolor* (L.), *Zea mays* L.

Species	Subfamily	Family	Host range
			Allium sativum L., *Vitis vinifera* L., *Citrus* sp., *Mangifera indica* etc.
Diaphania indica (Saunders)	Spilomelinae	Crambidae	*Cajanus cajan* (L.), *Cucumis melo* L., *Cucumis sativus* L., *Cucurbita moschata Duchense* ex Poir, *Cucurbita pepo* L., *Gossypium herbaceum Linn*., *Lagenaria siceraria* (Molina), *Luffa acutangula* (L.), *Trichosanthes cucumerina var. anguinea* (L.), *Vigna unguiculata* (L.) etc.
Emmalocera depressella Swinh.	Phycitinae	Pyralidae	*Sorghum bicolor (L.), Pennisetum purpureum Schumach etc.*
Ephestia kuehniella Zeller	Phycitinae	Pyralidae	Flour of cereals, baked goods and other dry grain products etc.
Etiella zinckenella Treit	Phycitinae	Pyralidae	*Cajanus cajana* (L.), *Vigna radiata* (L.) etc.
Euzophera bigella Moore.	Phycitinae	Pyralidae	*Punica granatum* L.
Euzophera perticella R.	Phycitinae	Pyralidae	*Solanum melongena* L.
Glyphodes phyloalis W.	Spilomelinae	Crambidae	*Morus* sp.
Glyphodes pulverulentalis (Hampson)	Spilomelinae	Crambidae	*Morus* sp.
Haritalodes derogate F.	Spilomelinae	Crambidae	*Gossypium* sp.
Hellula undalis Fab.	Glaphyriinae	Crambidae	*Brassica oleracea* L., B. *juncea* (L.), B.*rapa* L., *Raphanus sativus* L. etc.
Hendecasis duplifascialis Hmps.	Cybalomiinae	Crambidae	*Jasminum* spp.
Herpetogramma basalis F.	Spilomelinae	Crambidae	*Amaranthus species and cucurbits*
Herpetogramma phaeopteralis Gr.	Spilomelinae	Crambidae	*Graminaceae species*
Herpetogramma stultalis Walk.	Spilomelinae	Crambidae	*Amaranthaceae species*

Species	Subfamily	Family	Host range
Lamida moncusalis Walker	Epipaschinae	Pyralidae	*Anacardium occidentale* L. and *Mangifera indica* L.
Lamoria adaptella Walk.	Gallerinae	Pyralidae	Onion in store
Lepidogma sp.	Epipaschinae	Pyralidae	*Ficus* sp.
Leucinodes orbanalis Guen.	Spilominae	Crambidae	*Solanum melonginum* L., *Solanum tuberosum* L. etc.
Lygropia obrinusalis walk.	Spilomelinae	Crambidae	*Zea mays* L.
Maruca vitrata (Geyer.)	Spilomelinae	Crambidae	*Cajanus cajana* (L.), *Vigna unguiculata* (L.), *Vigna radiata* (L.), *Glycine max* (L.) etc.
Meliarpha separatella Ragonot.	Spilomelinae	Crambidae	*Oryza sativa* L.
Mussidia pectinicornella H.	Phycitinae	Pyralidae	*Citrus* sp. and *Manilkara zapota* (L.)
Nausinoe geometrolis (Guenee)	Spilomelinae	Crambidae	*Jasminum officinale* L.
Nausinoe pueritia (Cramer)	Spilomelinae	Crambidae	*Jasminum officinale* L.
Nephopteryx eugraphella Rag.	Phycitinae	Pyralidae	*Manilkara zapota* (L.)
Omides diemenalis (Guen)	Spilomelinae	Crambidae	*Glycine max* (L.), *Phaseolus vulgaris* L. and *Vigna radiata* (L.) etc.,
Omides indicata (Fabricius)	Spilomelinae	Crambidae	*Arachis hypogaea* L., *Beta vulgaris var. saccharifera* L., *Chrysanthemum indicum* L., *Glycine max* (L.), *Nicotiana tabacum* L., *Phaseolus vulgaris* L., *Vigna unguiculata* (L.) etc.
Orthaga euadrusalis Wlk.	Epipaschiinae	Pyralidae	Temperate fruits
Orthaga eumictalis Hampson	Epipaschiinae	Pyralidae	*Mangifera indica* L.
Orthaga exvinacea Hmps.	Epipaschiinae	Pyralidae	*Anacardium occidentale* L., *Mangifera indica* L. etc.
Palpita unionalis F.	Spilomelinae	Crambidae	*Jasminum officinale* L.

Species	Subfamily	Family	Host range
Paralipsa gularis Zell.	Galleriinae	Pyralidae	Stored nuts and seeds like walnut, almond, soybean etc.
Paraponyx stagnalis (Zeller)	Acentropinae	Crambidae	*Oryza sativa* L.
Phycita clientella Z.	Phycitinae	Pyralidae	*Gossypium* sp. L., *Solanum melongena* L.
Plodia interpunctella Hub.	Phycitinae	Pyralidae	Flours of cereals, bread, spices or dried fruits, nuts etc.
Saluria inficita (Wlk.)	Phycitinae	Pyralidae	*Eleusine coracana* (L.)
Scirophaga excerptalis Wlk.	Schoenobiinae	Crambidae	Saccharum officinarum L., Triticum spp. etc.
Scirpophaga gilviberbis Z.	Schoenobiinae	Crambidae	*Oryza sativa* L.
Scirpophaga incertulas (Walker)	Schoenobiinae	Crambidae	*Oryza sativa* L.
Scirpophaga innotata (Walker)	Schoenobiinae	Crambidae	*Oryza sativa* L.
Scirophaga nivella (F.)	Schoenobiinae	Crambidae	*Oryza sativa* L., *Saccharum officinarum* L., *Triticum* spp., etc.
Spolodea recurvalis (F.)	Spilomelinae	Crambidae	*Spinacea oleracea* L., *Beta vulgaris* L., *Gossypium* sp., *Zea mays* L. and *Glycine max* (L.) etc.
Stenachroia elongella Hmpsn.	Galleriinae	Pyralidae	*Sorghum bicolor* (L.)
Synclera univocalis Wlk.	Spilomiinae	Crambidae	*Ziziphus mauritiana Lamk.*
Tirathaba mundella Walk.	Phycitinae	Pyralidae	*Areca catechu* (L.), *Mangifera indica* L. etc.
Zonula leuconeurella Rag.	Galleriinae	Pyralidae	*Mangifera indica* L.

= *Phycis recurvella* Zincken, 1818; type locality: Coromandel

= *Spoladea animalis* Guenée, 1854; type locality: Brazil, Pernambuco

Genus: *SYNCLERA* Lederer, 1863; type species: *Eudioptis traducalis* Zeller, 1852

= *Synctera* Möschler, 1886

***Synclera univocalis* (Walker, 1859 :) (*Glyphodes*);** type locality: Sri Lanka

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