

**Notes on the synonymy of the genera *Hypena* SCHRANK, 1802,
Dichromia GUENÉE, 1854 and *Harita* MOORE, 1882
(Lepidoptera: Noctuidae: Hypeninae)**

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Abstract

Current studies on the subfamily *Hypeninae* enable the author to give a survey of the synonymy of the genus-group *Hypena* s.l. The synonyms of three genera, *Hypena* SCHRANK, 1802, *Dichromia* GUENÉE, 1854 and *Harita* MOORE, 1882 are listed and briefly discussed. *Ametropalpis* MABILLE, 1884, *Eugorna* HOLLAND, 1894 and *Camhypena* A.E. PROUT, 1927 are new synonyms of *Dichromia*, and *Placerobela* TURNER, 1903 is a new synonym of *Harita*. Nomenclatural and systematic remarks on certain species are given due to the authors latest investigations.

Résumé

Les recherches courantes concernant la sous-famille *Hypeninae* rendent possible à l'auteur de donner un résumé du synonyme de l'*Hypena* s.l. Les synonymes de trois genres *Hypena* SCHRANK, 1802, *Dichromia* GUENÉE, 1854 et *Harita* MOORE, 1882, sont énumérés et discutés brièvement. *Ametropalpis* MABILLE, 1884, *Eugorna* HOLLAND, 1894 et *Camhypena* A.E. PROUT, 1927 sont les nouveaux synonymes de la *Dichromia*. *Placerobela* TURNER, 1903 est la nouveau synonyme de la *Harita*.

Zusammenfassung

Ein Überblick über die Synonymie der Gattungsgruppe *Hypena* s.l. wird vorgelegt. Aus der Gattungsgruppe werden vorerst die Genera *Hypena* SCHRANK, 1802, *Dichromia* GUENÉE, 1854 und *Harita* MOORE, 1882 behandelt. *Ametropalpis* MABILLE, 1884, *Eugorna* HOLLAND, 1894 und *Camhypena* A.E. PROUT, 1927 sind neue Synonyme zu *Dichromia*. *Placerobela* TURNER, 1903 ist ein neues Synonym zu *Harita*. Nomenklatorische und systematische Bemerkungen zu den einzelnen Taxa ergänzen die Zusammenfassung.

Dichromia was recently treated as a synonym of *Hypena* due to the lack of external features which prove to distinguish significantly *Dichromia*-species from *Hypena* species. *Dichromia* was reestablished mainly on the base of features of the male genitalia (LÖDL, 1993). *Harita* always has been treated as a separate genus and is included in the group of genera which could be summarized as "*Hypena* sensu lato". Genera like *Anoratha* MOORE, 1867, *Trichypena* JOANNIS, 1915 and *Ctenypena* A.E. PROUT, 1927 are in need of further investigations. Further studies may well add some more genera to this big, monophyletic bulk of species which, up to our present knowledge, contain an estimated 500 - 600 described species worldwide.

***Hypena* SCHRANK, 1802**

Orig. cit.: SCHRANK, 1802, *Fauna Boica* 2(2): 163

Type species: *Phalaena proboscidalis* LINNAEUS, 1758 (*Syst. Nat.* (Edn. 10) 1: 533)

Synonyms:

Anepischetos SMITH, 1900

Orig. cit.: SMITH, 1900, *Proc. U.S. natn. Mus.* 22: 482

Type species: *Anepischetos bipartita* SMITH, 1900 (dto. 22:482)

Notes: "*bipartita* SMITH, 1900" is preoccupied by

Bomolocha bipartita STAUDINGER, 1892 and is currently treated as a synonym of *Hypena abjurialis* WALKER, [1859] 1858. Due to the collections of the BMNH, London it may well come to light that both are synonyms of "*Phalaena Pyralis lividalis* HÜBNER, 1790".

Anephischetos of authors misspelling (vide HODGES, et al., 1983, NYE, 1975)

Apanda MOORE, 1882

Orig.cit.: MOORE, 1882, in HEWITSON & MOORE, Descr. new Indian lepid. Insects Colln late Mr.W.S.Atkinson: 186

Type species: *Apanda denticulata* MOORE, 1882 (dto. : 187, pl.6, fig.24)

Notes: According to the type-specimen at the collections of the BMNH, London it is a typical *Hypena*. The name "*dentilineata* MOORE, 1882" is a misspelling used by HAMPSON, 1895:83.

Badausa WALKER, [1863]1864

Orig.cit.: WALKER, [1863] 1864, J. Proc. Linn. Soc. (Zool.) 7:170

Type species: *Badausa hypenoides* WALKER, [1863]1864 (dto. 7: 170)

Notes: *Badausa hypenoides* is reported to be a synonym of *Hypena rhombalis* GUENÉE, 1854. *Hypena rhombalis* is a clear *Hypena*, the type-specimen of *Badausa hypenoides* has not been checked by the author.

Bomolocha HÜBNER, [1825] 1816

Orig.cit.: HÜBNER, [1825] 1816, Verz.bekannter Schmett.: 343

Type species: *Phalaena crassalis* FABRICIUS, 1787 (Mantissa Insect. 2:217)

Notes: The characters of this big "genus" ever have been "weak" and clearly cannot prove if the tropical members of the genus *Hypena* are taken into consideration. At the latest stage of our knowledge the author follows the opinion of most of the recent authors to treat it as a synonym of *Hypena*.

Erichila BILLBERG, 1820

Orig.cit.: BILLBERG, 1820, Enumeratio Insect. Mus.G.J.Billberg:89

Type species: *Phalaena proboscidalis* LINNAEUS, 1758 (Syst.Nat. (Edn 10) 1: 533

Erchila BILLBERG, 1820 misspelling (POOLE, 1989 pt.)

Euhypena GROTE, 1873

Orig.cit.: GROTE, 1873, Trans. Am.ent. Soc. 4: 310

Type species: *Hypena toreuta* GROTE, 1872 (Trans.Am.ent.Soc. 4: 24)

Notes: *Hypena toreuta* has been the replacement name for *Hypena internalis* ROBINSON, 1870. Both seem to sink into *Hypena bijugalis* WALKER, [1859]1858.

Herpyzon HÜBNER, 1822

Orig.cit.: HÜBNER, 1822, Syst. alphab. Verz.: 52,56

Type species: *Phalaena proboscidalis* LINNAEUS, 1758 (Syst. Nat. (edn 10) 1: 533

Lomanaltes GROTE, 1873

Orig.cit.: GROTE, 1873, Bull.Buffalo Soc.nat.Sci. 1: 13

Type-species: *Lomanaltes laetulus* GROTE, 1873 (dto. 1: 14, pl.1, figs.12,13)

Notes: *Lomanaltes laetulus* is a synonym of *Hypena eductalis* WALKER, [1859]. *Hypena eductalis* HAMPSON, 1895, a junior primary homonym, therefore got the replacement name *Hypena rebaptizata* by GOSSERIES, 1989.

Macrhypena GROTE, 1873

Orig.cit.: GROTE, 1873, Trans.Am.ent.Soc. 4: 310

Type-species: *Hypena deceptalis* WALKER, [1859]1858 (List Specimens lepid.Insects Colln Br.Mus.16:30)

Notes: Type checked externally by the author. There is no doubt that this species is a real *Hypena*.

Mathura MOORE, 1882

Orig.cit.: MOORE, 1882, in HEWITSON & MOORE, Descr. new Indian lepid. Insects Colln late Mr.W.S.Atkinson. 188.

Type-species: *Mathura albisigna* MOORE, 1882 (dto. : 188)

Notes: This *Hypena* has been treated by HAMPSON, 1895 under the "broad winged" species (Sect.*Bomolocha*), external check of the type does not definitely prove this species to be a real *Hypena*, although it is well possible that it will turn out to be basically a member of this genus.

Megahypena GROTE, 1873 misspelling (HODGES, et al., 1983)

Meghypena GROTE, 1873

Orig.cit.: GROTE, 1873, Bull.Buffalo Soc.nat.Sci. 1:86

Type-species: *Meghypena velifera* GROTE, 1873 (dto. 1: 87)

Notes: *Meghypena velifera* is a synonym of *Hypena edictalis* WALKER,[1859]1858.

Nesamiptis MEYRICK,1899

Orig.cit.: MEYRICK,1899 in SHARP, Fauna Hawaiiensis 1(2):156

Type-species: *Nesamiptis plagiota* MEYRICK, 1899 (dto. 1(2): 156, pl.4, fig.15)

Notes: ZIMMERMANN,1958 synonymized *Nesamiptis* with *Hypena*. The author has seen syntypes at the BMNH. Due to its male genitalia characters *Nesamiptis* is a clear synonym of *Hypena*.

Ophiuche HÜBNER, [1825]1816

Orig.cit.: HÜBNER, [1825]1816, Verz. bekannter Schmett.: 344

Type-species: *Phalaena lividalis* HÜBNER,1790 (Beitr. Gesch.Schmett. 2(4):86 pl.I (IV),fig.E)

Notes: Though the first external impression of *Ophiuche lividalis* is quite different to the typical *Hypena* many anatomical characters, as palps and genitalia structure make sure that *Ophiuche* for the moment is best treated as a member of the *Hypena*-complex. *Ophiuche lividalis* was first described by HÜBNER, 1790. Sometimes the secondary description by HÜBNER of 1796 (Samml.Eur. Schmetterlinge, Pyralides 1: Tafel 2, Fig.11) is erroneously cited as original. The locus typicus of *lividalis* is "Florenz" [Italy, Europe] (HÜBNER,1790) and not "Europe" as generally stated.

Peliala WALKER,1865

Orig.cit.: WALKER,1865, List Specimens lepid. Insects Colln Br. Mus. 33: 1005

Type-species: *Peliala tenebrosa* WALKER,1865 (dto. 33: 1005)

Plathypena GROTE,1873

Orig. cit.: GROTE, 1873, Trans. Am. ent. Soc. 4: 310

Type-species: *Plathypena scabra* FABRICIUS, 1798 (Suppl.Ent.Syst.: 448)

For the moment the following taxa are excluded from the synonymy-list of the genus *Hypena*. Some of them are supposed to be in need of more detailed investigations, in particular of the anatomical features of their type-species:

Hypoepa LEECH,1889

Orig.cit.: LEECH,1889, Entomologist 22:63

Type-species: *Hypoepa bambusalis* LEECH,1889 (dto. 22:63, pl.2,fig.2)

Notes: This taxon was commonly treated as a

distinct genus, but LEECH did not give any description of a genus "*Hypoepa*", so it is a misspelling of *Hypoepa* WALKER,[1859] (OWADA,1987). The external appearance of the holotype of *bambusalis* was checked by the author at the BMNH, London and is obviously not a *Hypena*.

Phanaspa WALKER,[1866]1865

Orig.cit.: WALKER,[1866]1865, List Specimens lepid.Insects Colln Br.Mus. 34: 1192

Type-species: *Phanaspa dilatatalis* WALKER, [1866] 1865 (dto. 34: 1193)

Notes: *Phanaspa* has been investigated externally by the author, the type-species exhibits quite a different shape of wings and body and may well be generically different from *Hypena* although treated as a synonym by POOLE,1989. The problem requires further morphological investigations.

Dichromia GUENÉE,1854

Orig.cit.: GUENÉE,1854 in BOISDUVAL & GUENÉE, Hist. nat. Insectes (Lépid.) 8: 18

Type-species: *Phalaena orosia* CRAMER, 1780 (Uitlandsche Kapellen 3: 149, pl.275, fig.D)

Notes: Primarily GUENÉE used the unjustified emendation "*D.orosialis* CR." but undoubtedly meant *Phalaena orosia*. *Orosia* is a synonym of *Noctua sagitta* FABRICIUS,1775. No notice has been taken of the taxon "*Phalaena Noctua macularis* HÜBNER, 1787" which turned out to be a new synonym of *Dichromia sagitta*.

Synonyms:

Ametropalpis MABILILE, 1884

NEW
SYNONYMY

Orig.cit.: MABILILE,1884, C.r. Séanc. Soc. ent. Belg.: cixxxxix

Type-species: *Ametropalpis nasuta* MABILILE, 1884 (dto. : cixxxxix)

Notes: Due to a check of the male genitalia of *nasuta*-specimens from the collections of the BMNH, London *Ametropalpis* is congeneric with *Dichromia*.

Camhypena A.E.PROUT, 1927

NEW
SYNONYMY

Orig. cit.: A. E. PROUT, 1927: Trans. ent. Soc. London 75:230

Type-species: *Camhypena thomensis* A.E. PROUT, 1927 (dto. 75:230, pl.21, fig.8)

Notes: After having seen the syntypes, this genus must be consequently synonymized due to the recent diagnosis of *Dichromia* (LÖDL,1993).

Eugorna HOLLAND,1894 NEW SYNONYMY ?

Orig.cit.: HOLLAND,1894, Psyche, 7: 122

Type-species: *Eugorna vidua* HOLLAND, 1894
(dto. : 123, pl.4, fig.1)

Notes: *Eugorna* was treated as a synonym of *Ametropalpis* and is now subsequently synonymized with *Dichromia*. The author has not yet seen the type.

Harita MOORE, 1882

Orig.cit.: MOORE, 1882 in HEWITSON & MOORE, Descr.new Indian lepid.Insects Colln late Mr.W.S.Atkinson: 187

Type-species: *Harita rectilinea* MOORE, 1882
(dto. : 187, pl.6, fig.23)

Synonym:

Placerobela TURNER, 1903 NEW SYNONYMY
Orig. cit.: TURNER, 1903, Trans. Royal Soc. S. Australia 27:13

Type-species: *Placerobela brachyphylla* TURNER, 1903 (dto. : 14)

Notes: Due to its genitalia characters this genus is a synonym of *Harita*. The author checked samples of the BMNH, he has not yet seen the holotype.

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