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**Changes in the Generic Names of some West-Palaeartic Lepi-  
doptera (Part 1)**

by

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## Changes in the Generic Names of some West-Palaeartic Lepidoptera (Part I)

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### Abstract

In this paper, some generic names of Lepidoptera have been discussed from the standpoint of zoological nomenclature. By this means three new generic names have been established, one replacement name proposed, five names validated and twelve names synonymized as the result of revising the type-designation of genera in accordance with the Code.

### INTRODUCTION

I am engaged in preparing a work, Synonymic Catalogue of Turkish Lepidoptera, and in this connection I have for a long time been working on the nomenclature of the genus-group names of Lepidoptera. After examining the references given for the original descriptions of the genera and their type-species, I noticed a number of incorrect type-designations of the genus-group names, which are discussed in the following list, and am presenting new synonyms, proposed in accordance with the Int. Code zool. Nom., Articles 17 (1), 23 (e) (1) (111), 67, 68, 69 and 70 (b).

The results so far available are set out below:

### PIERIDAE

**SYNCHLOE** Hübner, 1818, Zutr. z. Samml. exot. Schmett. 1:26.

Type-species : *Synchloe autodice* Hübner, 1818 Ibid. 1:26, pl. 27 figs. 151, 152, by primary monotypy.

Remarks: Type-species, *Papilio callidice* Hübner, [1800], designated subsequently by Butler (1870, Cistula ent. 1:51) is in-

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valid, as this species is not originally included in this genus. On the other hand, type-species of this genus has been in fact designated by primary monotypy.

**TATOCHILA** Butler, 1870, *Cistula ent.* 1:38, 51 (syn. nov.)

Type-species. *Synchloe autodice* Hübner, 1818 *Zutr. z. Samml. exot. Schmett.* 1:26, pl. 27 figs. 151, 152, by original designation.

Remarks: I propose here *Tatochila* Butler, 1870 as junior objective synonym of *Synchloe* Hübner, 1818, as both generic names based on the same type-species.

**PARAPIERIS** de Niceville, 1897, *J. asiat. Soc. Bengal*, pt.ii, 66(3): 563 (gen.rev.)

Type-species. *Papilio callidice* Hübner, [1799-1800] *Samml. eur. Schmett., Papiliones*, pl.81 figs. 408, 409, by original designation.

Remarks: I propose here *Parapieris* de Niceville, 1897 as valid genus name for the species *callidice* Hübner (cf. Hemming 1967: 341, 422).

## NYMPHALIDAE

**ISSORIA** Hübner, [1819], *Verz. bekannt. Schmett.* (2): 31.

Type-species: *Papilio egista* Cramer, [1780] *Uitl. Kapellen* 3 (24): 158, pl. 281 figs. C,D, by subsequent designation: Geyer, [1832] [in] Hübner, *Zutr. z. Samml. exot. Schmett.* 4:32, pl. 127, figs. 735, 736.

Remarks: Type-species, *Papilio lathonia* Linnaeus, 1758, designated subsequently by Scudder (1875, *Proc. amer. Acad. Arts Sci., Boston* 10: 198) is invalid, as the oldest correct type-species, *Papilio egista* Cramer take precedence over the name *Papilio lathonia* Linnaeus; therefore the genus, based on the species *Papilio egista* Cramer should in future be called as *Issoria* Hübner, [1819] instead of *Vagrans* Hemming, 1934 (see below).

**VAGRANS** Hemming, 1934, *Entomologist* 67:77 (syn.nov.)

Type-species: *Papilio egista* Cramer, [1780] *Uitl. Kapellen* 3 (24): 158, pl. 281 figs. C.D, by original designation.

I propose here *Vagrans* Hemming, 1934 as junior objective synonym of *Issoria* Hübner, [1819], as both generic names based on the same type-species.

**RATHORA** Moore, 1900, Lep. ind. 4 (48) : 241

Type-species: *Papilio lathonia* Linnaeus, 1758 Syst. nat. (10) 1: 481, by original designation.

I propose here *Rathora* Moore as valid genus name for the species *Papilio lathonia* Linnaeus (cf. Hemming, 1967: 235, 393-394).

**ARASCHNIA** Hübner, [1819], Verz. bekannt. Schmett. (3): 37.

Type-species. *Papilio levana* Linnaeus, 1758 Syst. nat. (10) 1: 480, by subsequent designation: Stephens, 1835 Haustellata 4: 404.

Remarks: The acceptance of Stephens's designation, which take precedence over that of Scudder's (1875, Proc. amer. Acad. Arts Sci., Boston 10:117), currently considered validly, would make no difference to the generic concept (cf. Hemming, 1967:53).

**BRENTHIS** Hübner, [1819], Verz. bekannt. Schmett. (2) : 30.

Type-species: *Papilio claudia* Cramer, [1775] Uitl. Kapellen 1 (6): 109, pl. 69 figs. E,F, by subsequent designation: Geyer, [1837] [in] Hübner, Zutr. z. Samml. exot. Schmett. 5: 11.

Remarks: Type-species, *Papilio hecate* [Denis & Schiffermüller], 1775 designated by Scudder (1872, 4 th Ann. Rep. Peabody Acad. Sci. 1871: 45) is invalid, as the oldest correct type-species, *Papilio claudia* Cramer take precedence over the designation of *Papilio hecate* Denis & Schiffermüller; therefore the genus, based on the species *Papilio claudia* Cramer should in future be called as *Brenthis* Hübner, [1819] instead of *Euptoieta* Doubleday, 1848 (see below).

**EUPTOIETA** Doubleday, 1848, Gen. diurn. Lep. (1): 168 (syn. nov).

Type-species: *Papilio claudia* Cramer [1775] Uitl. Kapellen 1(6): 109 pl. 69 figs. E, F, by subsequent designation: Scudder, 1872 4 th Ann. Rep. Peabody Acad. Sci. 1871:43.

I propose here *Euptoieta* Doubleday, 1848 as junior objective synonym of *Brenthis* Hübner, [1819], as both generic names based on the same type-species.

**NEOBRENTHIS** (gen. nov.)

Generic characters. – I select as the generic characters of *Neobrenthis* Koçak the characters given by Warren (1944 Trans. R. ent. Soc. London 94:96) for *Brenthis* Hübner.

Type-species: *Papilio hecate* [Denis & Schiffermüller], 1775 *Ankündigung eines syst. Werkes Schmett. Wiener Gegend*: 179

Remarks: This name is required, because it is now seen the generic name *Brenthis* Hübner to have been invalid for the species *hecate* but valid for the species *claudia* (cf. also Hemming 1967: 81, 181).

**CINCLIDIA** Hübner, [1819], Verz. bekannt. Schmett. 29.

Type-species: *Papilio Nymphalis athalia* Rottemburg, 1775 *Naturforscher* 6:5, by subsequent designation: Stephens, 1835 *Haustellata* 4:403.

Remarks: Type-species *Papilio phoebe* [Denis & Schiffermüller], designated by Scudder (1875 Bull. Buffalo Soc. nat. Sci. 2:266) is invalid, as the oldest correct type-species, *Papilio athalia* Rottemburg, designated by Stephens (1835) take precedence over the designation of *Papilio phoebe*; therefore the genus based on the species *Papilio athalia* Rottemburg should in future be called as *Cinclidia* Hübner, [1819] instead of *Mellicta* Billberg, 1820 (see below).

**MELLECTA** Billberg, 1820, Enum. Ins. Mus. Billb.: 77 (syn. nov.)

Type-species: *Papilio athalia* Rottenburg, 1775 *Naturforscher* 6:5, by subsequent designation: Moore, 1901, Lep. ind. 5 (49) :2.

I propose here *Mellicta* Billberg, 1820 as junior objective synonym of *Cinclidia* Hübner, [1819], as both generic names based on the same type-species (cf. Hemming, 1967:116, 286).

**SATYRIDAE**

**PYRONIA** Hübner, [1819], Verz. bekannt. Schmett. (4):59.

Type-species: *Papilio tithonus* Linnaeus, 1771 Mant. Plant.: 537, by subsequent designation: Stephens, 1835 *Haustellata* 4: 404.

Remarks: The type-designation made by Scudder (1875 Proc. amer. Acad. Arts Sci., Boston 10:261) is invalid. The acceptance of Stephens's designation, however, would make no difference to the generic concept (cf. Hemming 1967: 389).

**PARARGE** Hübner, [1819], Verz. bekannt. Schmett. (4): 59.

Type-species: *Papilio aegeria* Linnaeus, 1758 Syst. nat. (10)1: 473, by subsequent designation: Stephens, 1835 *Haustellata* 4: 404.

Remarks: The type-designation made by Butler (1868 Entomologist's mon. Mag. 4:195) is invalid. The acceptance of Stephens's designation however, would make no difference to the generic concept (cf. Hemming 1967:342).

**ENODIA** Hübner, [1819], Verz. bekannt. Schmett. (4): 61.

Type-species: *Papilio hyperantus* Linnaeus, 1758 Syst. nat. (10)1: 471, by subsequent designation: Stephens 1835 *Haustellata* 4:404.

Remarks: Prior to the discovery of Stephens's type-selection for the present genus, Scudder (1872 4th Ann. Rep. Peobody Acad. Sci. 1871: 26) selected *Oreas andromacha* Hübner, 1809 Samml. exot, Schmett. 1:pl.89 to be the type-species, but that action is now seen to have been invalid (cf. Hemming 1967:160) (see also below).

**APHANTOPUS** Wallengren, 1853, Skand. Dadfjar. 9,30 (syn.nov.)

Type-species: *Papilio hyperantus* Linnaeus, 1758 Syst. nat. (10)1: 471, by monotypy.

I propose here *Aphantopus* Wallengren, 1853 as junior objective synonym of *Enodia* Hübner, [1819], as both generic names based on the same type-species.

## ARCTIIDAE

**ARCTIA** Schrank, 1802, Fauna Boica 2 (2): 152-153.

Type-species: *Phalaena Noctua fuliginosa* Linnaeus, 1758 Syst. nat. (10)1: 509, by subsequent designation: Stephens 1835 *Haustellata* 4:407.

Remarks: Type-species *Phalaena Noctua caja* Linnaeus, 1758 designated by Westwood, 1840 *Synopsis Genera Br. Insects*: 92 is invalid, as the oldest correct type-species *Phalaena fuliginosa* Linnaeus, designated by Stephens (1835) take precedence over the name *Phalaena caja* Linnaeus, designated by Westwood (1840); therefore the genus based on the species *fuliginosa* should in future be called as *Arctia* Schrank, 1802 (cf. Nye 1975:58).

**EUCHARIA** Hübner, [1820], *Verz. bekannt. Schmett.*, 181.

Type-species: *Phalaena hebe* Linnaeus, 1767 Syst. nat. 12: 820, by subsequent designation: Stephens, 1835 *Haustellata* 4:407.

Remarks: *Phalaena hebe* Linnaeus, 1767 is currently considered as junior subjective synonym of *Phalaena festiva* Hufnagel, 1766 *Berl. Mag.* 3: 416.

**ZOOTE** Hübner, [1820], *Verz. bekannt. Schmett.*, 181.

Type-species: *Phalaena caja* Linnaeus, 1758 Syst. nat. (10)1: 500, by subsequent designation: Stephens, 1835 *Haustellata* 4:407.

Remarks: *Zoote* Hübner, [1820] is currently considered as junior subjective synonym of *Eucharia* Hübner, [1820].

**EPICALLIA** Hübner, [1820], *Verz. bekannt. Schmett.*, 182

Type-species: *Phalaena villica* Linnaeus, 1758 Syst. nat. (10)1: 501, by monotypy.

Remarks: *Epicallia* Hübner, [1820] is currently considered as junior subjective synonym of *Eucharia* Hübner, [1820].

**EYPREPIA** Oechsenheimer, 1810, *Schmett. eur.* 3:300-359

Type-species: *Phalaena Bombyx pudica* Esper, [1785] *Schmett.* 3 (1): 177, pl. 33 fig. 1, by subsequent designation: Heine-mann, 1859 *Schmett. Dtl. Schweiz.* 1:xiii, 247.

## NOCTUIDAE

**EUXOA** Hübner, [1821], *Verz. bekannt. Schmett.*, 209.



Type-species: *Noctua candelisequa* [Denis & Schiffermüller], 1775 *Ankündigung syst. Werkes Schmett. Wienergegend*: 72, by subsequent designation: Stephens 1835 *Haustellata* 4:480.

Remarks: Type-species *Noctua decora* [Denis & Schiffermüller], 1775, designated by Hampson (1903 *Cat. Lepid Phalaenae Br. Mus.* 4:153) is invalid, as the oldest correct type-species, *Noctua candelisequa* take precedence over the type-species *Noctua decora* (cf. Nye. 1975: 205).

OCHROPLEURA Hübner, [1821], *Verz. bekannt. Schmett.*, 223 (syn. nov.)

Type-species: *Phalaena plecta* Linnaeus. 1761 *Faun. Suec.* (2): 321, by subsequent designation: Grote, 1895 *Entomologist's Rec. J. Var.* 6:30.

I propose here *Ochropleura* Hübner, [1821] as junior subjective synonym of *Euxoa* Hübner, [1821].

RHYACIA Hübner, [1821], *Verz. bekannt. Schmett.* 210

Type-species: *Noctua birivia* [Denis & Schiffermüller], 1775 *Ankündigung syst. Werkes Schmett. Wienergegend*: 71 by subsequent designation: Stephens 1835 *Haustellata* 4:408.

Remarks: Type-species *Noctua lupiceta* [Denis & Schiffermüller], 1775 *Ibid.*, 71 designated by Hampson (1903) is invalid, as the oldest correct type-species *Noctua birivia* designated by Stephens (1835) take precedence over the designation by Hampson (1903) (cf. Nye 1975: 431); therefore *Rhyacia* Hübner is the valid name for *Euxoa* sensu auct.

PARARHYACIA (gen. nov.)

Generic characters. – I select as the generic characters of *Pararhyacia* Koçak the characters given by Heinemann (1859 *Schmett. Dt. Schweiz* 1:519).

Type-species: *Noctua lucipeta* [Denis & Schiffermüller], 1775 *Ankündigung syst. Werkes Schmett. Wienergegend*: 71.

Remarks: This genus name is required, because it is now seen the generic name *Rhyacia* Hübner to have been invalid for the

species *lucipeta* [Denis & Schiffermüller] but valid for the species *birivia* [Denis & Schiffermüller].

**PANOLIS** Hübner, [1821], Verz. bekannt. Schmett. 214.

Type-species: *Noctua flammea* [Denis & Schiffermüller], 1775 *Ankündigung syst. Werkes Schmett. Wienergegend*: 87, by subsequent designation: Stephens 1835 *Haustellata* 4:408

Remarks: The acceptance of Stephens's designation, which take precedence over that of Hampson (1905), currently considered validly, would make no difference to the generic concept (cf. Nye 1975: 363).

**BRITHYS** Hübner. [1821], Verz. bekannt. Schmett. 226.

Type-species: *Noctua lutulenta* [Denis & Schiffermüller], 1775 *Ankündigung syst. Werkes Schmett. Wienergegend*: 81, by subsequent designation: Stephens 1835 *Haustellata* 4:409.

Remarks: Type-species *Noctua pancratii* Cyrillo, 1787, designated by Blanchard, 1840 [in] *Castelnau: Hist. nat. Anim. articules (Insectes)* 3:505 is invalid, as the oldest correct type-species *Noctua lutulenta* [Denis & Schiffermüller], 1775, designated by Stephens (1835) take precedence over the designation by Blanchard (1840); therefore the genus based on the species *Noctua pancratii* Cyrillo, 1787 should in future be called as *Glottula* Guenée, 1837 (see below) instead of *Brithys* Hübner, [1821].

**APOROPHYLA** Guenée, 1841, *Annls Soc. ent. Fr.* 10:246. (syn. nov.)

Type-species, *Xylina australis* Boisduval, 1829 *Eur. Lepid. Index Meth. Errata Addenda* 6, by monotypy.

Remarks: *Aporophyla* Guenée, 1841 is junior subjective synonym of *Brithys* Hübner, [1821], as the type-species *australis* Boisduval and *lutulenta* [Denis & Schiffermüller] are currently considered to be congeneric.

**GLOTTULA** Guenée, 1837, *Annls Soc. ent. Fr.* 6:359. (gen.rev.)

Type-species: *Noctua pancratii* Cyrillo, 1787 *Entomologiae Neapolitanae*: pl. 12 fig. 4, by subsequent designation: Guenée, 1852 [in] Boisduval & Guenée, *Hist. nat. Insectes (Lepid.)* 5:115.

I propose here *Glottula* Guenee, 1837 as valid genus name for the species *pancratii* Cyrillo, 1787 (cf. Nye 1975: 89).

**ANTITYPE** Hübner, [1821], Verz. bekannt. Schmett. 212.

Type-species: *Phalaena chi* Linnaeus, 1758 Syst. Nat. (10) 1:514, by subsequent designation: Stephens 1835 *Haustellata* 4:408.

Remarks: The acceptance of Stephens's designation, which take precedence over that of Hampson, 1906, Cat. Lepid. Phalaenae Br. Mus. 6: 357, considered by Nye (1975:50) validly, would make no difference to the generic concept.

**CIRRHIA** Hübner, [1821], Verz. bekannt. Schmett. 234.

Type-species: *Phalaena citrigo* Linnaeus, 1758 Syst. Nat. (10) 1:518, by subsequent designation: Stephens 1835 *Haustellata* 4:410.

Remarks: The acceptance of Stephens's designation, which take precedence over the type-species *Phalaena fulvago* Linnaeus, 1761 designated by Grote, 1902 Allg. Z.Ent. 7.398, considered by Nye (1975. 123) validly, would, make no difference to the generic concept, because *citrigo* Linnaeus and *fulvago* Linnaeus are currently considered to be congeneric.

**PYROIS** Hübner, [1820], Verz. bekannt. Schmett. 208. (syn. nov.)

Type-species: *Phalaena pyramidea* Linnaeus, 1758 Syst. Nat. (10) 1: 518, by subsequent designation: Stephens 1835 *Haustellata* 4.408.

Remarks- Type-species *Phalaena cinnamomea* Goeze, 1781, designated by Hampson (1908 Cat. Lepid, Phalaenae Br. Mus. 7:26) is invalid, because there exists the earlier valid type-designation of *pyramidea* Linnaeus, 1758 by Stephens (1835); therefore I propose *Pyrois* Hübner as junior subjective synonym of *Amphipyra* Oechsenheimer, 1816, because type-species *pyramidea* Linnaeus and *tragopoginis* Clerck are currently considered to be congeneric.

For the species *Phalaena cinnamomea* Goeze, 1781, *Syntomopus* Guenee, 1837 is validated below (cf. Nye 1975: 39, 423).

**AMPHIPYRA** Oechsenheimer, 1816, Schmett. Eur. 4: 70.

Type-species : [*Phalaena*] *tragopoginis* Clerk, 1759 *Icones Insect. rariorum* 1.pl. 1 fig. 5, by subsequent designation: Duponchel, 1829 [in] Godart & Duponchel, *Hist. nat. Lepid. Papillons* Fr. 7(2):71.

**SYNTOMOPUS** Guenee, 1837, *Annls Soc. ent.* Fr. 6:223. (gen. rev.)

Type-species: *Phalaena cinnamomea* Goeze, 1781 *Ent. Beytr.* 3(3): 205, by monotypy.

**TRACHEA** Ochsenheimer, 1816, *Schmett.* Eur. 4:75.

Type-species. *Phalaena atriplicis* Linnaeus, 1758 *Syst. Nat.* (10) 1: 517, by subsequent designation: Hübner, [1821] *Verz. bekannt.* Schmett. 219.

Remarks: The acceptance of Hünner's designation, which take precedence over that of Curtis, 1832 *Brit. ent.* 9:431, currently considered validly, would make no difference to the generic concept (cf. Nye 1975: 487).

**CALLOPISTRIA** Hübner, [1821], *Verz. bekannt.* Schmett. 216.

Type-species: *Noctua pteridis* Fabricius, 1794 *Ent. Syst.* 3 (2): 90 ( = *Phalaena juvetina* Stoll, [1782] ), by subsequent designation: Stephens 1835 *Haustellata* 4:409.

Remarks: The acceptance of Stephens's designation, which take precedence over that of Grote, 1874 *Bull. Buffalo Soc. nat. Sci.* 2:17, currently considered validly, would make no difference to the generic concept (cf. Nye 1975 : 97).

**ACTINOTIA** Hübner, [1821], *Verz. bekannt.* Schmett. 244.

Type-species: *Phalaena perspicillaris* Linnaeus, 1761 *Fauna Suecica* (ed.2): 317, by subsequent designation: Stephens 1835 *Haustellata* 4:411.

Remarks: The acceptance of Stephens's designation, which take precedence over that of Grote, 1874 *Bull. Buffalo Soc. nat. Sci.* 2: 16, considered by Nye (1975. 23) validly would make no difference to the generic concept.

**ATYPHA** Hübner, [1821], *Verz. bekannt.* Schmett. 213.

Type-species: *Noctua ochroleuca* [Denis & Schiffermüller], 1775 *Ankündigung syst. Werkes Schmett. Wienergegend* : 87 by subsequent designation: Stephens 1835 *Haustellata* 4:408.

Remarks: Type-species *Phalaena pulmonaris* Esper, [1790], designated by Hampson, 1909 Cat. Lepid. Phalaenae Br. Mus. 8 : 299, is invalid, because there exists the earlier valid type-designation of *ochroleuca* [Denis & Schiffermüller], 1775 by Stephens (1835).

**EREMOBIA** Stephens 1829, Nom. Br. Insects: 42 (syn.nov.)

Type-species: *Noctua ochroleuca* [Denis & Schiffermüller], 1775 Ankündigung syst. Werkes Schmett. Wienergegend: 87, original designation.

I propose here *Eremobia* Stephens, 1829 as junior objective synonym of *Atypha* Hübner, [1821], because both generic names based on the same type-species (cf. Nye, 1975: 185, 69).

**PARATYPHA** (gen. nov.)

Generic characters.—I select as the generic characters of *Paratypha* Koçak the characters given by Heinemann, 1859 Schmett. Dtl. Schweiz 1:432.

Type-species: *Phalaena pulmonaris* Esper, [1790] Die Schmett. 4 (2): Abschnitt 1:499, pl. 151 fig. 5.

Remarks: This genus name is required, because it is now seen the generic name *Atypha* Hübner to have been invalid for the species *pulmonaris* Esper, [1790] but valid for the species *ochroleuca* [Denis & Schiffermüller], 1775.

**PYRRHIA** Hübner, [1821], Verz. bekannt. Schmett. 233.

Type-species : *Noctua rutilago* [Denis & Schiffermüller], 1775 Ankündigung syst. Werkes Schmett. Wienergegend: 86, by subsequent designation: Stephens 1835 Haustellata 4:410.

Remarks : The acceptance of Stephens's designation, which take precedence over that of Grote, 1874 Bull. Buffalo Soc. nat. Sci. 2:35, considered by Nye (1975 : 423) validly, would make no difference to the generic concept.

**PERIPHANES** Hübner, [1821], Verz. bekannt. Schmett. 247.

Type-species: *Phalaena delphinii* Linnaeus 1758 Syst. Nat. 10(1): 518, by subsequent designation: Stephens 1835 Haustellata 4:114.

Remarks: The acceptance of Stephens's designation, which take precedence over that of Hampson 1903 Cat. Lepid. Phalaenae Br. Mus. 4:52, currently considered validly, would make no difference to the generic concept (Nye 1975:378).

**METACHROCTIS** Hübner, [1820], Verz. bekannt. Schmett. 204.

Type-species: *Noctua perla* [Denis & Schiffermüller], 1775 Ankündigung syst. Werkes Schmett. Wienergegend: 70, by subsequent designation: Stephens 1835 Haustellata 4: 408.

Remarks: Type-species *Noctua velox* Hübner, [1813], designated by Hampson, 1894 Fauna Br. India (Moths) 2:325, is invalid, because there exists the earlier valid type-designation of *perla* [Denis & Schiffermüller], 1775 by Stephens (1835); therefore I propose here *Bryophila* Treitschke, 1825 Schmett. Eur. 5(1): 57 as junior objective synonym of *Metachrostis* Hübner, [1820], because both type-species are currently considered to be congeneric (cf. Nye 1975: 90 306).

**BRYOPHILA** Treitschke, 1825, Schmett. Eur. 5 (1): 57. (syn. nov.)

Type-species: *Noctua perla* [Denis & Schiffermüller], 1775 Ankündigung syst. Werkes Schmett. Wienergegend: 70, by subsequent designation: Westwood, 1840 Synopsis Genera Br. Insects 96.

*Noctua perla* is a junior subjective synonym of *Phalaena domestica* Hufnagel, 1766 Berlin Mag. 3(4): 406.

**NEOLEPTOSIA** (nom. nov) for *Leptosia* Guenee, 1843.

Type-species: *Noctua velox* Hübner, ([1813] Samml. eur. Schmett. 4: pl 108 fig. 507, pl 110 fig. 515, by subsequent designation: Guenee, 1852 [in] Boisduval & Guenee: Hist. nat. Insectes (Lepid.) 6: 237 (for *Leptosia* Guenee, 1843).

**LEPTOSIA** Guenee, 1843, Annls Soc. ent. Fr. 10: 225 (nec Hübner, 1818).

Type-species: *Noctua velox* Hübner, [1813], Samml. eur. Schmett. 4: pl. 108 fig. 507, pl. 110 fig. 515, by subsequent designation by Guenee, 1852 (cited above). The objective replacement name is *Neoleptosia* nom. nov.

**NYCTEOLA** Hübner, 1822, Syst. -alph. Verz., 60, 66.

Type-species: *Phalaena revayana* Scopoli, 1772 Annus. Hist. -nat. 5: 116, by subsequent designation: Hübner, 1825 Cat. Lep. Coll. Franck, 99.

Remarks: The acceptance of Hübner's designation, which take precedence over that of Prout, 1901 Entomologist's Rec. J. Var. 13: 183, considered by Nye (1975:341) validly, would make no difference to the generic concept.

**PSEUDOIPS** Hübner, 1822, Syst. - alph. Verz., 59, 63 (syn. nov.)

Type-species: *Tortrix quercana* [Denis & Schiffermüller], 1775 Ankündigung syst. Werkes Schmett. Wienergegend: 125, by subsequent designation: Hübner, 1825 Cat. Lep. Coll. Franck, 99.

Remarks: Type-species: *Pyralis fagana* Fabricius, 1781, designated by Fletcher, 1966 Entomologist's Gaz. 17:16, is invalid, because there exists the earlier valid type-designation of *quercana* [Denis & Schiffermüller], 1775 by Hübner (1825) (cf. Nye 1975: 414).

I propose *Pseudoips* Hübner, 1822 as junior subjective synonym of *Bena* Billberg, 1820, because both type-species are currently considered to be congeneric.

**BENA** Billberg, 1820, Enumeratio Insect. Mus. G.J. Billberg :90.

Type-species: *Phalaena prasinana* Linnaeus, 1758 Syst. Nat (10)1: 530, by subsequent designation: Tams, 1939 Entomologist 72:70.

**HYLOPHILA** Hübner, [1825], Verz. bekannt. Schmett. 396. (gen. rev.)

Type-species: *Pyralis fagana* Fabricius, 1781 Species Insect. 2:276, by subsequent designation: Westwood, 1840 Synopsis Genera Br. Insects:107 (cited as *prasinana* Linnaeus).

I propose here *Hylophila* Hübner as valid genus name for the species *Pyralis fagana* Fabricius, 1781 (cf. Nye 1975:414).

**RAPHIA** Hübner, [1821], Verz. bekannt. Schmett. 212.

Type-species: *Noctua hybrus* Hübner, [1813] Samml. eur. Schmett. 4: pl. 111 fig. 518, by subsequent designation: Staudinger, 1871 Cat. Lep. Eur. 2(1):77.

Remarks: The acceptance of Staudinger's designation, which take precedence over that of Grote, 1874 Bull. Buffalo Soc. nat. Sci. 2:6, currently considered validly, would make no difference to the generic concept (Nye 1975:425).

**EUCHALCIA** Hübner, [1821], Verz. bekannt. Schmett. 250.

Type-species: *Noctua illustris* Fabricius, 1787 Mantissa Insect. 2:164, by subsequent designation: Stephens 1835 Haus-tellata 4: 411.

Remarks: The acceptance of Stephens's designation, which take precedence over that of Dyar, 1902 Jl. N.Y. ent. Soc. 10:81, currently considered validly, would make no difference to the generic concept (cf. Nye 1975: 191).

*N. illustris* is a junior subjective synonym of *Noctua variabilis* Piller & Mitterpacher, 1783.

#### INCURVARIIDAE

**SETELLA** Schrank, 1802, Fauna Boica 2(2):168. (gen. rev.)

Type-species: *Tinea rubiella* Bjerkander, 1781 VetenskAkad. Handl.: 20, pl. 1 fig. 6-10, by monotypy (cited *marmorella* Schrank).

Remarks: *Tinea marmorella* Fabricius sensu Schrank is a junior subjective synonym of *Tinea rubiella* Bjerkander (Wocke-1871 [in] Staudinger & Wocke. Cat, Lep. Eur. 2(2). 272 No. 1446).

**LAMPRONIA** Stephens, 1829, Syst. Cat. Br. Insects 2:226 (syn. nov.)

Type-species: *Tinea luzella* Hübner, [1814-1817] Samml. eur. Schmett. Tineae, fig. 430 (according to Razowski & Wojusiak 1978:20).

Remarks: I propose *Lampronia* Stephens, currently considered validly, as junior subjective synonym of *Setella* Schrank, because both type-species are considered to be congeneric.

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### ÖZET

Bu çalışmada Lepidopter'lerin bazı cins isimleri zooloji nomenklatürü açısından incelenmiştir.

Bu münasebetle cins isimleri arasında zoolojik koda uygun olarak cinslerin tip tayinleri gözden geçirilmiş ve üç yeni cins, *Neobrenthis* (gen. nov.), *Pararhyacia* (gen. nov.) ve *Paratypha* (gen. nov.) ile bir yeni isim *Neoleptosia* (nom.nov.) tesis edilmiştir.

Ayrıca daha önceden tesbit edilmiş tip türlerinin geçerli olmadığı anlaşılmış ve beş cinsin taksonomik durumlarında değişiklik yapılmış, günümüzde kabul edildiği gibi sinonim olmadıkları anlaşıldığından geçerli cins isimleri olarak teklif edilmiştir. Bunlar: *Parapieris* de *Niceville*, 1897, *Glottula* Guenee, 1837, *Syntomopus* Guenee, 1837, *Hylophila* Hübner, 1825 ve *Setella* Schrank, 1802 dir.

Son olarak tip türlerinin incelenmesi sonunda bazı cinslerin geçerli olmadıkları anlaşılmıştır. Bu suretle sinonim olarak ileri sürülen oniki cins de *Tatochila* Butler, 1870 *Vagrans* Hemming, 1934, *Euptoieta* Doubleday, 1848, *Mellicta* Billberg, 1820, *Aphantopus* Wallengren, 1853, *Ochropleura* Hübner, 1821, *Aporophyla* Guenee, 1841, *Pyrois* Hübner, 1820, *Eremobia* Stephens, 1829, *Bryophila* Treitsche, 1825, *Pseudopis* Hübner, 1822 ve *Lampronia* Stephens, 1829 dur.

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