

## Provisional checklist of the Sesiidae of the world (Lepidoptera: Ditrysia)

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### Abstract:

A checklist of Sesiidae of the world provides 2453 names, 1562 of which are currently considered valid taxa (1 family, 2 subfamilies, 10 tribes, 149 genera, 1352 species, and 48 subspecies). Data concerning distribution, type species or type genus, designation, incorrect spelling and emendation, preoccupation and replacement names, synonyms and homonyms, nomina nuda, and rejected names are given. Several new combinations and synonyms are provided.

Key words: Sesiioidea, systematics, taxonomy, zoogeographic regions.

### Introduction:

Almost 25 years have passed since HEPPNER & DUCKWORTH (1981) published their 'Classification of the Superfamily Sesiioidea'. In the meantime great progress has been made in the investigation and classification of the family Sesiidae (clearwing moths). Important monographs covering the Palearctic and Nearctic regions, and partly South America or South-East Asia have been made available (EICHLIN & DUCKWORTH 1988, EICHLIN 1986, 1989, 1995b and 1998, ŠPATENKA et al. 1999, KALLIES & ARITA 2004), and numerous descriptions of new taxa as well as revisions of genera and species described by earlier authors have been published, mainly dealing with the Oriental region (ARITA & GORBUNOV 1995c, ARITA & GORBUNOV 1996b etc.). Therefore, the authors felt the need to provide an updated checklist of the Sesiidae of the world. This list solely aims to summarize the changes in taxonomy and classification of the Sesiidae and to provide a thorough bibliography of relevant literature. An updated version of this list can be found in the Internet (URL: <http://members.eunet.at/f.puehringer/checklst.htm>).

Presently, the family Sesiidae is classified in 2 (or 3) subfamilies, 10 (or 9) tribes, 149 genera, 1352 species, and 48 subspecies. While North American authors consider the Paranthreninae a separate subfamily (HEPPNER & DUCKWORTH 1981, DUCKWORTH & EICHLIN 1988), in Europe it is currently treated as a tribe (Paranthrenini) of Sesiinae (ŠPATENKA et al. 1999). Since a modern phylogenetic analysis of the family Sesiidae is lacking we here follow the recent monographic treatment of the Palearctic species by ŠPATENKA et al. (1999) regarding Paranthrenini a tribe of the subfamily Sesiinae.

The following checklist cites 2453 names, 557 (22,7 %) of whom have not been listed by HEPPNER & DUCKWORTH (1981). Incorrect subsequent spellings are mentioned in the index, but have not been included in the list. The endings of valid species names have been adapted to the gender of the genus name, whereas invalid names have been left unchanged. Species that have been excluded from genera in previous publications, but not assigned to any other genus are here provisionally retained in the genus they had been excluded from. Only exceptionally new combinations and synonyms are introduced. Some Sesiidae genera are here formally assigned to tribes for the first time based on unpublished results of the authors' work.

Additional data concerning distribution, original genus relation, type species or type genus, designation by monotypy, original or subsequent designation, incorrect original spelling, incorrect emendation, misdetermination, preoccupation and replacement names, junior objective synonyms, senior/junior primary/secondary homonyms, nomina nuda, and rejected names are given. The arrangement of the species within genera and established species groups is alphabetical according to their distribution in the zoogeographic regions. The arrangement of genera is - wherever possible - systematical. The definition of the Palearctic region follows ŠPATENKA et al. (1999), however, species described from the lower parts of Nepal or Southern China are mainly attributed to the Oriental region.

Abbreviations:	P	Palearctic region	(347 species)
	N	Nearctic region	(121 species)
	NL	Neotropical region	(268 species)
	E	Ethiopian region	(237 species)
	O	Oriental region	(415 species)
		(including Southern China, Taiwan, Papua-New Guinea)	
	A	Australian region	(15 species)
	[ ]	Square brackets indicate a species introduced to a zoogeographic region	

**Taxonomic changes:**

- Phlogothauma* BUTLER 1882, gen. rev. (resurrected from synonymy with *Paranthrene*)  
*Austrosetia* FELDER 1874, gen. rev. (resurrected from synonymy with *Synanthedon*)  
*Phlogothauma scintillans* BUTLER 1882, comb. rev. (transferred from *Paranthrene*)  
*Synanthedon calamis* (DRUCE 1899), spec. rev., comb. nov. (transferred from *Schimia*)  
*Synansphecchia* CAPUSE 1973, stat. nov. as subgenus of *Pyropteron*  
*Scopulosphecchia* LASTUVKA [1990], stat. rev. as subgenus of *Chamaesphecchia*  
*Austrosetia semirufa* FELDER 1874, comb. rev. (transferred from *Synanthedon*)  
*Tipulamima pedunculata* (HAMPSON 1910), comb. nov. (transferred from *Sphecosesia*)  
‘*Synanthedon*’ *tineosphecchia* ZUKOWSKY 1936 (excluded from Sesiidae)

**Generic Synopsis of Sesiidae**

Species

<b>Tinthiinae LE CERF 1917</b> .....	<b>148</b>
<b>Tinthiini LE CERF 1917</b> .....	<b>113</b>
<i>Microsphecchia</i> BARTEL 1912 .....	2
<i>Tinthia</i> WALKER [1865] .....	6
<i>Sophona</i> WALKER 1856 .....	26
<i>Zenodoxus</i> GROTE & ROBINSON 1868 .....	7
<i>Conopsia</i> STRAND [1913] .....	5
<i>Paranthrenopsis</i> LE CERF 1911 .....	5
<i>Entrichella</i> BRYK 1947 .....	15
<i>Negotinthia</i> GORBUNOV 2001 .....	2
<i>Trichocerota</i> HAMPSON [1893a] .....	16
<i>Paranthrenina</i> BRYK 1947 .....	1
<i>Paradoxecia</i> HAMPSON 1919 .....	11
<i>Rectala</i> BRYK 1947 .....	2
<i>Ceratocorema</i> HAMPSON [1893] .....	7
<i>Caudicornia</i> BRYK 1947 .....	5
<i>Bidentotinthia</i> ARITA & GORBUNOV 2003 .....	1
<i>Tarsotinthia</i> ARITA & GORBUNOV 2003 .....	1
<i>Tyriactaca</i> WALKER 1862 .....	1
<b>Pennisetiini NAUMANN 1971</b> .....	<b>11</b>
<i>Pennisetia</i> DEHNE 1850 .....	10
<i>Corematosetia</i> KALLIES & ARITA 2001 .....	1
<b>Paraglosseciini GORBUNOV &amp; EITSCHBERGER 1990</b> .....	<b>12</b>
<i>Oligophlebia</i> HAMPSON [1893] .....	7
<i>Isothamnis</i> MEYRICK 1935 .....	1
<i>Cyanophlebia</i> ARITA & GORBUNOV 2001 .....	1
<i>Lophocnema</i> TURNER 1917 .....	1
<i>Diapyra</i> TURNER 1917 .....	1
<i>Micrecia</i> HAMPSON 1919 .....	1
<b>Similipepsini ŠPATENKA, LAŠTUVKA, GORBUNOV, TOŠEVSKI &amp; ARITA 1993</b> .....	<b>12</b>
<i>Similipepsis</i> LE CERF 1911c .....	5
<i>Milisipepsis</i> GORBUNOV & ARITA 1995 .....	5
<i>Gasterostena</i> ARITA & GORBUNOV 2003 .....	2
<b>Sesiinae BOISDUVAL 1828</b> .....	<b>1204</b>
<b>Sesiini BOISDUVAL 1828</b> .....	<b>81</b>
<i>Sesia</i> FABRICIUS 1775 .....	20
<i>Trilochana</i> MOORE 1879b .....	9

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<i>Cyanosesia</i> GORBUNOV & ARITA 1995 .....			13
<i>Sphecosesia</i> HAMPSON 1910 .....			5
<i>Teinotarsina</i> FELDER 1874 .....			10
<i>Lenyra</i> WALKER 1856 .....			1
<i>Aegerosphecia</i> LE CERF 1916 .....			7
<i>Lamellisphecia</i> KALLIES & ARITA 2004 .....			3
<i>Clavigera</i> KALLIES & ARITA 2004 .....			2
<i>Eusphecia</i> LE CERF 1937b .....			1
<i>Scasiba</i> MATSUMURA 1931 .....			7
<i>Callisphecia</i> LE CERF 1916 .....			2
<i>Madasphecia</i> VIETTE 1982 .....			1
<b>Cissuvorini DUCKWORTH &amp; EICHLIN 1977 .....</b>			<b>12</b>
<i>Toleria</i> WALKER [1865] .....			2
<i>Chimaerosphecia</i> STRAND [1916] .....			3
<i>Glossosphecia</i> HAMPSON 1919 .....			4
<i>Cissuvora</i> ENGELHARDT 1946 .....			1
<i>Dasysphecia</i> HAMPSON 1919 .....			2
<b>Osmiini DUCKWORTH &amp; EICHLIN 1977 .....</b>			<b>84</b>
<i>Sazonia</i> GORBUNOV & ARITA 2001 .....			2
- subgenus <i>Sazonia</i> GORBUNOV & ARITA 2001 .....			1
- subgenus <i>Miniosa</i> GORBUNOV & ARITA 2001 .....			1
<i>Osminia</i> LE CERF 1917 .....			11
<i>Chamanthedon</i> LE CERF 1916 .....			27
<i>Microsynanthedon</i> VIETTE [1955] .....			3
<i>Calasesia</i> BEUTENMÜLLER 1899 .....			1
<i>Aenigmia</i> LE CERF 1912 .....			4
<i>Pyranthrene</i> HAMPSON 1919 .....			1
<i>Homogyna</i> LE CERF 1911 .....			11
<i>Aschistophleps</i> HAMPSON [1893] .....			5
<i>Pyrophleps</i> ARITA & GORBUNOV 2000 .....			6
<i>Heterosphecia</i> LE CERF 1916 .....			7
<i>Melanosphecia</i> LE CERF 1916 .....			4
<i>Akaisphecia</i> GORBUNOV & ARITA 1995 .....			1
<i>Callithia</i> LE CERF 1916 .....			1
<b>Melittiini LE CERF 1917 .....</b>			<b>145</b>
<i>Melittia</i> HÜBNER [1819] .....			125
<i>Desmopoda</i> FELDER 1874 .....			1
<i>Agriomelissa</i> MEYRICK 1931 .....			7
<i>Afromelittia</i> GORBUNOV & ARITA 1997 .....			4
<i>Cephalomelittia</i> GORBUNOV & ARITA 1995 .....			1
<i>Macrosclesia</i> HAMPSON 1919 .....			7
<b>Paranthrenini NICULESCU 1964 .....</b>			<b>142</b>
<i>Nokona</i> MATSUMURA 1931 .....			25
<i>Taikona</i> ARITA & GORBUNOV 2001 .....			1
<i>Scoliokona</i> KALLIES & ARITA 1998 .....			4
<i>Adixoa</i> HAMPSON [1893] .....			3
<i>Pramila</i> MOORE 1879 .....			1
<i>Vitacea</i> ENGELHARDT 1946 .....			4
<i>Phlogothauma</i> BUTLER 1882 .....			1
<i>Paranthrene</i> HÜBNER [1819] .....			58
<i>Pseudosesia</i> FELDER 1861 .....			16
<i>Albuna</i> EDWARDS 1881 .....			5
<i>Euhagena</i> EDWARDS 1881 .....			6
<i>Sincara</i> WALKER 1856 .....			1

<i>Tirista</i> WALKER [1865] .....	2
<i>Sura</i> WALKER 1856 .....	15
<b>Synanthedonini NICULESCU 1964.....</b>	<b>687</b>
<i>Synanthedon</i> HÜBNER [1819] .....	226
<i>Ravitria</i> GORBUNOV & ARITA 2000 .....	5
<i>Kantipuria</i> GORBUNOV & ARITA 1999 .....	1
<i>Kemneriella</i> BRYK 1947 .....	1
<i>Ichneumenoptera</i> HAMPSON [1893] .....	9
<i>Paranthrenella</i> STRAND [1916].....	4
<i>Anthedonella</i> GORBUNOV & ARITA 1999.....	7
<i>Schimia</i> GORBUNOV & ARITA 1999 .....	3
<i>Uncothedon</i> GORBUNOV & ARITA 1999 .....	3
<i>Palmia</i> BEUTENMÜLLER 1896.....	1
<i>Podosesia</i> MÖSCHLER 1879 .....	3
<i>Sannina</i> WALKER 1856 .....	1
<i>Nyctaeeria</i> LE CERF 1914.....	1
<i>Carmenta</i> EDWARDS 1881 .....	102
<i>Penstemonia</i> ENGELHARDT 1946 .....	5
<i>Camaegeria</i> STRAND 1914 .....	1
<i>Malgassesia</i> LE CERF 1922 .....	7
<i>Lophocephs</i> HAMPSON 1919 .....	5
<i>Tipulamima</i> HOLLAND 1893.....	20
<i>Rodolphia</i> LE CERF 1911.....	1
<i>Alcathoe</i> EDWARDS 1882 .....	11
<i>Macrotarsipus</i> HAMPSON [1893].....	5
<i>Hymenoclea</i> ENGELHARDT 1946.....	1
<i>Euryphrissa</i> BUTLER 1874 .....	12
<i>Leptaegeria</i> LE CERF 1916.....	6
<i>Aegerina</i> LE CERF 1917.....	6
<i>Stenosphacia</i> LE CERF 1917 .....	1
<i>Pseudalcathoe</i> LE CERF 1916.....	2
<i>Bembecia</i> HÜBNER [1819].....	93
<i>Pyropteron</i> NEWMAN 1832 .....	22
- subgenus <i>Pyropteron</i> NEWMAN 1832 .....	4
- subgenus <i>Synansphacia</i> CAPUSE 1973 .....	18
<i>Dipchasphecia</i> CAPUSE 1973 .....	17
<i>Chamaesphecia</i> SPULER 1910 .....	104
- subgenus <i>Chamaesphecia</i> SPULER 1910 .....	32
- subgenus <i>Scopulosphacia</i> LAŠTUVKA [1990].....	61
<i>Weismanniola</i> NAUMANN 1971 .....	1
<b>Sesiinae Genera unassigned to Tribe: .....</b>	<b>53</b>
<i>Alonina</i> WALKER 1856.....	3
<i>Anaudia</i> WALLENGREN 1863 .....	1
<i>Augangela</i> MEYRICK 1932 .....	1
<i>Austrosetia</i> FELDER 1874 .....	1
<i>Ceritrypetes</i> BRADLEY 1956.....	1
<i>Conopyga</i> FELDER 1861 .....	1
<i>Crinipus</i> HAMPSON 1896.....	1
<i>Echidgnathia</i> HAMPSON 1919 .....	1
<i>Episannina</i> AURIVILLIUS 1905.....	6
<i>Erismatica</i> MEYRICK 1933 .....	1
<i>Grypopalpia</i> HAMPSON 1919 .....	1
<i>Gymnosophistis</i> MEYRICK 1934 .....	1
<i>Hovaesia</i> LE CERF 1957 .....	1
<i>Hymenosphacia</i> LE CERF 1917 .....	1

<i>Hypanthodon</i> HAMPSON 1919 .....	1
<i>Idiopogon</i> MEYRICK 1934 .....	1
<i>Isocylindra</i> MEYRICK 1930 .....	1
<i>Lenyrhova</i> LE CERF 1957 .....	1
<i>Lepidopoda</i> HAMPSON 1900 .....	5
<i>Leuthneria</i> DALLA TORRE 1925 .....	1
<i>Megalosphecia</i> LE CERF 1916 .....	2
<i>Melisophista</i> MEYRICK 1927 .....	1
<i>Metasphecia</i> LE CERF 1917 .....	1
<i>Mimocrypta</i> NAUMANN 1971 .....	1
<i>Monopetalotaxis</i> WALLENGREN 1859 .....	4
<i>Pedalonina</i> GAEDE 1929 .....	1
<i>Proaegeria</i> LE CERF 1916 .....	1
<i>Pseudomelittia</i> LE CERF 1917 .....	3
<i>Thyranthrene</i> HAMPSON 1919 .....	3
<i>Tradescanticola</i> HAMPSON 1919 .....	1
<i>Uranothyris</i> MEYRICK 1933 .....	1
<i>Vespanthodon</i> LE CERF 1917 .....	1
<i>Xenoses</i> DURRANT 1924 .....	1
<i>Zhuosesia</i> YANG 1977 .....	1

## Checklist of Sesiidae

### Sesiidae BOISDUVAL 1828:29 [*Sesia* FABRICIUS 1775]

Sesiariae BOISDUVAL 1828:29  
Aegeriidae STEPHENS 1828:136

### Tinthetainae LE CERF 1917:148 [*Tintheta* WALKER [1865]]

Zenodoxinae MACKAY 1968:11 [*Zenodoxus* GROTE & ROBINSON 1868]

### Tinthetaini LE CERF 1917:148 [*Tintheta* WALKER [1865]]

Zenodoxini MACKAY 1968:11 [*Zenodoxus* GROTE & ROBINSON 1868]

*Microsphecia* BARTEL 1912:414 [*Sphinx tineiformis* ESPER [1789], original designation]

P *Microsphecia brosiiformis* (HÜBNER [1808-1813]: pl. 25: fig. 116), *Sphinx dorsalis* (LE CERF 1914b:272), *Zenodoxus* f. *obscura* (LE CERF 1914b:274), *Zenodoxus*

P *Microsphecia tineiformis* (ESPER [1789]:9), *Sphinx aselliformis* (ROSSI 1794:16), *Sesia*

*Tintheta* WALKER [1865]:23 [*Tintheta varipes* WALKER [1865], by monotypy]

*Soronia* MOORE 1877:83 [*Soronia cuprealis* MOORE 1877, by monotypy]; preoccupied by ERICHSON 1843 (Coleoptera)

P *Tintheta beijingana* YANG 1977:120

P *Tintheta mianjungalowica* LAŠTUVKA 1997:297

O *Tintheta cuprealis* (MOORE 1877:84), *Soronia*

O *Tintheta ruficollaris* (PAGENSTECHEER 1900:21), *Paranthrene*

O *Tintheta varipes* WALKER [1865]:24

A *Tintheta xanthospila* HAMPSON 1919:115

*Sophona* WALKER 1856:60 [*Sophona halictipennis* WALKER 1856, by monotypy]

*Myrmecosphecia* LE CERF 1917:374 [*Myrmecosphecia lemoulti* LE CERF 1917, original designation]

*Bombosceles* MEYRICK 1930a:260 [*Bombosceles cyanomyia* MEYRICK 1930, by monotypy]

*Ficivora* CLARKE 1962:383 [*Ficivora leucoteles* CLARKE 1962, by monotypy]

N,NL *Sophona greenfeldi* EICHLIN 1986:347

NL *Sophona albibasilaris* EICHLIN 1986:345

NL *Sophona canzona* EICHLIN 1986:337

NL *Sophona ceropaliformis* (WALKER 1856:52), *Aegeria*

NL *Sophona cyanomyia* (MEYRICK 1930a:260), *Bombosceles*

NL *Sophona ezodda* EICHLIN 1986:338

NL *Sophona flavizonata* ZUKOWSKY 1937:1259

- NL *Sophona fusca* EICHLIN 1986:346  
 NL *Sophona galba* EICHLIN 1986:341  
 NL *Sophona gilvifasciata* EICHLIN 1986:337  
 NL *Sophona halictipennis* WALKER 1856:60  
 NL *Sophona hoffmanni* EICHLIN 1986:342  
 NL *Sophona hondurasensis* EICHLIN 1986:348  
 NL *Sophona lemoulti* (LE CERF 1917:375), *Myrmecosphecia*  
 NL *Sophona leucoteles* (CLARKE 1962:387), *Ficivora*  
 NL *Sophona ludtkei* EICHLIN 1986:348  
 NL *Sophona manoba* (DRUCE 1889:82), *Sincara*  
 NL *Sophona panzona* EICHLIN 1986:339  
 NL *Sophona pedipennula* KALLIES & RIEFENSTAHL 1999:32  
 NL *Sophona piperi* KALLIES & RIEFENSTAHL 1999:33  
 NL *Sophona snellingi* EICHLIN 1986:349  
 NL *Sophona tabogana* (DRUCE 1883:31), *Aegeria*  
 NL *Sophona xanthocera* EICHLIN 1986:341  
 NL *Sophona xanthotarsis* EICHLIN 1986:333  
 NL *Sophona yucatanensis* EICHLIN 1986:350  
 NL *Sophona zukowskyi* EICHLIN 1986:334  
*Zenodoxus* GROTE & ROBINSON 1868:183 [*Zenodoxus maculipes* GROTE & ROBINSON 1868, by monotypy]  
 N *Zenodoxus canescens* EDWARDS 1881:205  
 f. (race) *sidae* ENGELHARDT 1946:199  
 N *Zenodoxus heucherae* EDWARDS 1881:205  
*potentillae* EDWARDS 1881:205  
 N *Zenodoxus maculipes* GROTE & ROBINSON 1868:184  
 N,NL *Zenodoxus mexicanus* BEUTENMÜLLER 1897:216  
 N,NL *Zenodoxus palmii* (NEUMOEGEN 1891:108), *Larunda palmiana* (DALLA TORRE 1925:160), *Paranthrene*; unnecessary replacement name for *Larunda palmii* NEUMOEGEN 1891  
*wissadulae* ENGELHARDT 1946:195  
 f. (race) *sphaeralceae* ENGELHARDT 1946:198  
 f. (race) *incanae* ENGELHARDT 1946:198  
 N,NL *Zenodoxus rubens* ENGELHARDT 1946:200  
 f. (race) *bexari* ENGELHARDT 1946:200  
 N *Zenodoxus sidalceae* ENGELHARDT 1946:196  
*Conopsia* STRAND [1913]:71 [*Conopsia terminiflava* STRAND 1913, original designation]  
 E *Conopsia bicolor* (LE CERF 1917:372), *Zenodoxus*  
 E *Conopsia flavimacula* KALLIES 2000:164  
 E *Conopsia lambornella* (DURRANT 1914:513), *Tinthia*  
 E *Conopsia phoenosoma* (MEYRICK 1930c:4), *Trichocerota*  
 E *Conopsia terminiflava* STRAND [1913]:71  
*Paranthrenopsis* LE CERF 1911c:302 [*Paranthrenopsis harmandi* LE CERF 1911 (= *Tinthia editha* BUTLER 1878), by monotypy]  
*Oligophlebiella* STRAND [1916]:49 [*Oligophlebiella polishana* STRAND [1916], by monotypy]  
 P *Paranthrenopsis editha* (BUTLER 1878:61), *Tinthia harmandi* LE CERF 1911c:302  
 O *Paranthrenopsis flaviventris* KALLIES & ARITA 2001:198  
 O *Paranthrenopsis polishana* (STRAND [1916]:49), *Oligophlebiella*  
 O *Paranthrenopsis siniaevi* GORBUNOV & ARITA 2000b:247  
 O *Paranthrenopsis taiwanella* (MATSUMURA 1931a:1018), *Zenodoxus*  
*Entrichella* BRYK 1947:102 [*Entrichella pogonias* BRYK 1947, original designation]  
 P *Entrichella constricta* (BUTLER 1878:61), *Tinthia shakojiana* (MATSUMURA 1931a:1018), *Zenodoxus pernix* (MATSUMURA 1931a:1016), *Paranthrene* [nec *Bembecia pernix* LEECH 1889]; misdetermination (unavailable)  
 P *Entrichella esakii* (YANO 1960:235), *Zenodoxus*  
 P,O *Entrichella pogonias* BRYK 1947:103  
 P *Entrichella yakushimaensis* (ARITA 1993:77), *Trichocerota*  
 O *Entrichella erythranches* (MEYRICK 1926:269), *Trichocerota*  
 O *Entrichella fusca* (XU & LIU 1992:731)  
 O *Entrichella gorapani* (ARITA & GORBUNOV 1995a:195), *Trichocerota*  
 O *Entrichella hreblayi* PETERSEN 2001:706

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- O *Enrichella issikii* (YANO 1960:236), *Zenodoxus*  
O *Enrichella leiaeformis* (WALKER 1856:58), *Aegeria*  
O *Enrichella linozona* (MEYRICK 1926:269), *Trichocerota*  
O *Enrichella meilinensis* (XU & LIU 1993:3), *Zenodoxus*  
O *Enrichella simifusca* (XU & LIU 1993:4), *Zenodoxus*  
O *Enrichella tricolor* KALLIES & ARITA 2001:205  
O *Enrichella trifasciata* (YANO 1960:237), *Zenodoxus*  
*Negotinthia* GORBUNOV 2001:139 [*Paranthrena* [sic] *myrmosaeformis* HERRICH-SCHÄFFER 1846, original designation]  
P *Negotinthia hoplisiformis* (MANN 1864:176), *Paranthrene*  
P *Negotinthia myrmosaeformis* (HERRICH-SCHÄFFER 1846:59), *Paranthrena* [sic]  
*Negotinthia myrmosaeformis myrmosaeformis* (HERRICH-SCHÄFFER 1846)  
*myrmosiformis* (STAUDINGER 1856:336), *Paranthrene*; incorrect emendation  
*Negotinthia myrmosaeformis cingulata* (STAUDINGER 1871a<sup>1</sup>:100), *Paranthrene*  
*Trichocerota* HAMPSON [1893a]:199 [*Trichocerota ruficineta* HAMPSON [1893], original designation]  
O *Trichocerota alectra* (ARITA & GORBUNOV 1995a:194), *Tinthia*  
O *Trichocerota antigama* MEYRICK 1926:270  
O *Trichocerota brachythyra* HAMPSON 1919:118  
O *Trichocerota cupreipennis* (WALKER [1865]:11), *Aegeria*  
O *Trichocerota diplotima* MEYRICK 1926:269  
O *Trichocerota formosana* ARITA & GORBUNOV 2002a:241  
O *Trichocerota fulvistriga* HAMPSON 1919:117  
O *Trichocerota intervenata* HAMPSON 1919:117  
O *Trichocerota melli* KALLIES & ARITA 2001:213  
O *Trichocerota proxima* LE CERF 1916b:11  
O *Trichocerota radians* HAMPSON 1919:116  
O *Trichocerota rubripectus* (XU & LIU 1993:3), *Zenodoxus*  
O *Trichocerota ruficineta* HAMPSON [1893a]:199  
O *Trichocerota spilogastra* (LE CERF 1916b:11), *Tinthia*  
O *Trichocerota tianpingensis* (XU & LIU 1993:4), *Zenodoxus*  
O *Trichocerota univitta* HAMPSON 1900:44  
*Paradoxecia* HAMPSON 1919:114 [*Aegeria gravis* WALKER [1865], original designation]  
*Paranthrenina* BRYK 1947:106 [*Paranthrenina myrmekomorpha* BRYK 1947, original designation]  
P,O *Paradoxecia gravis* (WALKER [1865]:12), *Aegeria*  
O *Paradoxecia dizona* (HAMPSON 1919:117), *Trichocerota*  
O *Paradoxecia fukiensis* GORBUNOV & ARITA 1997b:65  
O *Paradoxecia karubei* KALLIES & ARITA 2001:218  
O *Paradoxecia luteocincta* KALLIES & ARITA 2001:217  
O *Paradoxecia myrmekomorpha* (BRYK 1947:106), *Paranthrenina*  
*myrmekomorpha* BRYK 1947:pl. 1 (legend); incorrect original spelling (unavailable)  
O *Paradoxecia pieli* LIEU 1935:190  
O *Paradoxecia radiata* KALLIES 2002:207  
O *Paradoxecia similis* ARITA & GORBUNOV 2001:138  
O *Paradoxecia taiwana* ARITA & GORBUNOV 2001:135  
O *Paradoxecia tristis* KALLIES & ARITA 2001:221  
O *Paradoxecia vietnamica* GORBUNOV & ARITA 1997b:62  
*Rectala* BRYK 1947:103 [*Rectala asyliiformis* BRYK 1947, original designation]  
P,O *Rectala asyliiformis* BRYK 1947:104  
O *Rectala magnifica* KALLIES & ARITA 2001:223  
*Ceratocorema* HAMPSON [1893a]:200 [*Ceratocorema postcristatum* HAMPSON [1893], original designation]  
*Neotinthia* HAMPSON 1919:115 [*Neotinthia semihyalina* HAMPSON 1919, original designation]  
O *Ceratocorema antiphanopa* (MEYRICK 1927:372), *Tyricitaca*  
O *Ceratocorema cymbalistis* (MEYRICK 1926:268), *Tinthia*  
O *Ceratocorema hyalinum* KALLIES & ARITA 2001:191  
O *Ceratocorema mesatma* (MEYRICK 1926:269), *Tinthia*  
O *Ceratocorema postcristatum* HAMPSON [1893a]:200  
O *Ceratocorema semihyalinum* (HAMPSON 1919:115), *Neotinthia*  
O *Ceratocorema yoshiyasui* KALLIES & ARITA 2001:194

<sup>1</sup>) year of publication according to title page is 1871, not 1870!

- Caudicornia* BRYK 1947:104 [*Caudicornia xanthopimpla* BRYK 1947, original designation]  
 O *Caudicornia aurantia* (HAMPSON 1919:118), *Zenodoxus*  
 O *Caudicornia flavincta* (HAMPSON 1919:119), *Zenodoxus*  
 O *Caudicornia flava* (XU & LIU 1992:730)  
 O *Caudicornia tonkinensis* KALLIES & ARITA 2001:202  
 O *Caudicornia xanthopimpla* BRYK 1947:105  
*Bidentotinthia* ARITA & GORBUNOV 2003b:131 [*Bidentotinthia borneana* ARITA & GORBUNOV 2003, original designation]  
 O *Bidentotinthia borneana* ARITA & GORBUNOV 2003b:133  
*Tarsotinthia* ARITA & GORBUNOV 2003b:136 [*Tarsotinthia albogastra* ARITA & GORBUNOV 2003, original designation]  
 O *Tarsotinthia albogastra* ARITA & GORBUNOV 2003b:137  
*Tyriactaca* WALKER 1862:83 [*Tyriactaca apicalis* WALKER 1862, by monotypy]  
 O *Tyriactaca apicalis* WALKER 1862:84

### **Pennisetiini NAUMANN 1971:55 [*Pennisetia* DEHNE 1850]**

Bembeciini NICULESCU 1964:34 [*Bembecia* sensu BARTEL 1912 (= *Pennisetia* DEHNE)]

- Pennisetia* DEHNE 1850:28 [*Pennisetia anomala* DEHNE 1850 (= *Sesia hylaeiformis* LASPEYRES 1801), by monotypy]  
*Anthrenoptera* SWINHOE 1892:35 [*Sphecia contracta* WALKER 1856, original designation]  
*Bembecia* auct. (sensu BARTEL 1912:381) [nec *Bembecia* HÜBNER [1819]]  
 P *Pennisetia bohémica* KRÁLÍČEK & POVOLNÝ 1974:165  
 P *Pennisetia fixseni* (LEECH 1889a:591), *Sphecia*  
*Pennisetia fixseni fixseni* (LEECH 1889)  
*Pennisetia fixseni admirabilis* ARITA 1992b:456  
 P *Pennisetia hylaeiformis* (LASPEYRES 1801:14), *Sesia*  
*Pennisetia hylaeiformis hylaeiformis* (LASPEYRES 1801)  
*apiformis* (HÜBNER 1796: pl. 8: fig. 48), *Sphinx* [nec [*Sphinx*] *apiformis* CLERCK 1759]; junior primary  
 homonym of [*Sphinx*] *apiformis* CLERCK 1759  
*anomala* DEHNE 1850:28  
*Pennisetia hylaeiformis assimilis* ARITA 1992b:450  
 P *Pennisetia insulicola* ARITA 1992b:458  
 P *Pennisetia pectinata* (STAUDINGER 1887c:167), *Bembecia*  
 N *Pennisetia marginata* (HARRIS 1839:303), *Trochilium*  
*pleciaeformis* (WALKER 1856:40), *Aegeria*  
*odyneripennis* (WALKER 1856:42), *Aegeria*  
*rubi* (RILEY 1874:111), *Aegeria*  
*flavipes* (HULST 1881:76), *Sesia*  
 var. *albicomma* (HULST 1883:9), *Bembecia*  
 NL *Pennisetia eucheripennis* (BOISDUVAL [1875]:384), *Bembecia*  
 O *Pennisetia contracta* (WALKER 1856:11), *Sphecia*  
 O *Pennisetia kumaoides* ARITA & GORBUNOV 2001:154  
 O *Pennisetia unicingulata* ARITA & GORBUNOV 2001:150  
*Corematosetia* KALLIES & ARITA 2001:226 [*Corematosetia naumanni* KALLIES & ARITA 2001, original designation]  
 O *Corematosetia naumanni* KALLIES & ARITA 2001:227

### **Paraglosseciini GORBUNOV & EITSCHBERGER 1990:289 [*Paraglossecia* GORBUNOV & EITSCHBERGER 1988, original designation]**

- Oligophlebia* HAMPSON [1893a]:201 [*Oligophlebia nigralba* HAMPSON [1893], original designation]  
*Amphithales* MEYRICK 1926:268 [*Amphithales episcopopa* MEYRICK 1926, by monotypy]  
*Paraglossecia* GORBUNOV 1988b:46 [*Paraglossecia micra* GORBUNOV 1988, original designation]  
*Heliodinesesia* YANG & WANG 1989b:236 [*Heliodinesesia ulmi* YANG & WANG 1989, original designation]  
 P *Oligophlebia micra* (GORBUNOV 1988b:47), *Paraglossecia*  
 P *Oligophlebia ulmi* (YANG & WANG 1989b:236), *Heliodinesesia*  
*oliveri* (GORBUNOV & EITSCHBERGER 1990:290), *Paraglossecia*  
 O *Oligophlebia amalleuta* MEYRICK 1910:219  
 O *Oligophlebia cristata* LE CERF 1916b:11  
 O *Oligophlebia episcopopa* (MEYRICK 1926:268), *Amphithales*  
 O *Oligophlebia nigralba* HAMPSON 1893b:61  
 O *Oligophlebia subapicalis* HAMPSON 1919:52



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*Isothamnis* MEYRICK 1935:601 [*Thamnoscelis prisciformis* MEYRICK 1935, by monotypy]; replacement name for *Thamnoscelis* MEYRICK 1935  
*Thamnoscelis* MEYRICK 1935:558 [*Thamnoscelis prisciformis* MEYRICK 1935, by monotypy]; preoccupied by MEYRICK 1928 (Sesiidae)

O *Isothamnis prisciformis* (MEYRICK 1935:558), *Thamnoscelis*  
*Cyanophlebia* ARITA & GORBUNOV 2001:156 [*Cyanophlebia mandarina* ARITA & GORBUNOV 2001, original designation]

O *Cyanophlebia mandarina* ARITA & GORBUNOV 2001:157  
*Lophocnema* TURNER 1917:78 [*Lophocnema eusphyra* TURNER 1917, by monotypy]

A *Lophocnema eusphyra* TURNER 1917:79

*Diapyra* TURNER 1917:79 [*Sesia igniflua* LUCAS 1894, by monotypy]  
*Glossecia* HAMPSON 1919:113 [*Sesia igniflua* LUCAS 1894, original designation]; junior objective synonym of *Diapyra* TURNER 1917

A *Diapyra igniflua* (LUCAS 1894:133), *Sesia*

*Micrecia* HAMPSON 1919:113 [*Micrecia methyalina* HAMPSON 1919, original designation]

O *Micrecia methyalina* HAMPSON 1919:113

### Similipepsini ŠPATENKA, LAŠTUVKA, GORBUNOV, TOŠEVSKI & ARITA 1993:86 [*Similipepsis* LE CERF 1911]

*Similipepsis* LE CERF 1911c:304 [*Similipepsis violaceus* LE CERF 1911, by monotypy]<sup>2</sup>  
*Vespaegeria* STRAND [1913]:70 [*Vespaegeria typica* STRAND 1913, original designation]

E *Similipepsis aurea* GAEDE 1929:536

E *Similipepsis ekisi* WANG 1984:86

E *Similipepsis typica* (STRAND [1913]:71), *Vespaegeria*

E *Similipepsis violacea* LE CERF 1911c:304

O *Similipepsis helicella* KALLIES & ARITA 2001:230

*Milisipepsis* GORBUNOV & ARITA 1995b:382 [*Similipepsis takizawai* ARITA & ŠPATENKA 1989, original designation]<sup>3</sup>

P *Milisipepsis takizawai* (ARITA & ŠPATENKA 1989:61), *Similipepsis*

P *Milisipepsis yunnanensis* (ŠPATENKA & ARITA 1992:104), *Similipepsis*

O *Milisipepsis bicingulata* (GORBUNOV & ARITA 1995e:71), *Similipepsis*

O *Milisipepsis lasiocera* (HAMPSON 1919:114), *Similipepsis*

O *Milisipepsis taiwanensis* ARITA & GORBUNOV 2001:145

*Gasterostena* ARITA & GORBUNOV 2003a:12 [*Gasterostena vietnamica* ARITA & GORBUNOV 2003, original designation]

O *Gasterostena ikedai* ARITA & GORBUNOV 2003a:16

O *Gasterostena vietnamica* ARITA & GORBUNOV 2003a:13

### Sesiinae BOISDUVAL 1828:29 [*Sesia* FABRICIUS 1775]

Aegeriinae STEPHENS 1828:136 [*Aegeria* [FABRICIUS in ILLIGER] 1807]

Melittiinae LE CERF 1917:148 [*Melittia* HÜBNER [1819]]

Paranthreninae NICULESCU 1964:38 [*Paranthrene* HÜBNER [1819]]

Synanthedoninae NICULESCU 1964:34 [*Synanthedon* HÜBNER [1819]]

### Sesiini BOISDUVAL 1828:29 [*Sesia* FABRICIUS 1775]

Aegeriini STEPHENS 1828:136 [*Aegeria* [FABRICIUS in ILLIGER] 1807]

*Sesia* FABRICIUS 1775:547 [[*Sphinx*] *apiformis* CLERCK 1759, subsequent designation by LATREILLE 1810:440]

*Setia* OKEN 1815:745; rejected name (Opinion Nr. 417 ICZN)

*Setia* MEIGEN 1829:103; incorrect emendation

*Sometia* MEIGEN 1829:115; incorrect original spelling (unavailable)

*Trochilium* SCOPOLI 1777:414 [*Sphinx apiformis* LINNAEUS 1761 (= [*Sphinx*] *apiformis* CLERCK 1759), subsequent designation by CURTIS 1831]<sup>4</sup>; junior objective synonym of *Sesia* FABRICIUS 1775

*Trochilia* SPEYER & SPEYER 1858:327; incorrect emendation; preoccupied by DUJARDIN 1841 (Ciliata)

<sup>2</sup> *Similipepsis* is feminine, despite its treatment as masculine by LE CERF (1911c) in the original description (*Similipepsis violaceus*)!

<sup>3</sup> *Milisipepsis* is feminine, despite the statement of GORBUNOV & ARITA (1995) in the original description, that the gender would be masculine!

<sup>4</sup> without included nominal species until LEACH 1815 (see FLETCHER 1982)

- Aegeria* [FABRICIUS in ILLIGER] 1807a:288 [[*Sphinx*] *apiformis* CLERCK 1759 {incorrect type species: *Sphinx culiciformis* LINNAEUS 1758 (CURTIS 1825:53), not originally included in *Aegeria* and not linked with one of the originally included nominal species}, subsequent designation by WESTWOOD 1840:89]; junior objective synonym of *Sesia* FABRICIUS 1775
- Sphecia* HÜBNER [1819]:127 [*Sphinx* *crabroniformis* [DENIS & SCHIFFERMÜLLER] 1775 (= [*Sphinx*] *apiformis* CLERCK 1759) {incorrect type species: *Sphinx crabroniformis* LEWIN 1797 (BARTEL 1912:378), not originally included in *Sphecia* and not linked with one of the originally included nominal species}, subsequent designation by HAMPSON 1919:80]
- Sphecodoptera* HAMPSON [1893a]:189 [*Sphecia* *repanda* WALKER 1856, original designation]
- Spherodoptera* MATSUMURA 1931a:1017; incorrect subsequent spelling.
- [N] P *Sesia apiformis* (CLERCK 1759: pl. 9: fig. 2), [*Sphinx*] [nec *Sphinx apiformis* LINNAEUS 1761; nec *Sphinx apiformis* HÜBNER 1796]  
*apiformis* (LINNAEUS 1761:289), *Sphinx* [nec *Sphinx apiformis* HÜBNER 1796]  
*crabroniformis* ([DENIS & SCHIFFERMÜLLER] 1775:44), *Sphinx* [nec *Sesia crabroniformis* FABRICIUS 1793; nec *Sphinx crabroniformis* LEWIN 1797; nec *Sesia crabroniformis* LASPEYRES 1801]  
*sireciformis* (ESPER 1782:208), *Sphinx*  
*tenebrioniformis* (ESPER 1782:209), *Sphinx*  
*vespa* (RETZIUS 1783:33), *Sphinx*; incorrect emendation  
f. *brunneipes* (TURATI 1913:339), *Trochilium*  
ab. *brunnea* (CAFLISCH 1890:269), *Trochilium* [sic]; infrasubspecific (unavailable)  
ab. *caflischii* (STANDFUSS 1892:369), *Trochilium*; infrasubspecific (unavailable)  
ab. *rhodani* (MOUTERDE 1955:24), *Aegeria*; infrasubspecific (unavailable)  
*vespiformis* (HUFNAGEL 1766:184), *Sphinx* [nec *Sphinx vespiformis* LINNAEUS 1761]; misdetermination (unavailable)
- P *Sesia bembeciformis* (HÜBNER [1803-1806]: pl. 20: fig. 98), *Sphinx*  
*crabroniformis* (LEWIN 1797:2), *Sphinx* [nec *Sphinx crabroniformis* [DENIS & SCHIFFERMÜLLER] 1775; nec *Sesia crabroniformis* FABRICIUS 1793; nec *Sesia crabroniformis* LASPEYRES 1801]; junior primary homonym of *Sphinx crabroniformis* [DENIS & SCHIFFERMÜLLER] 1775  
*dasydopodiformis* (WALKER 1856:12), *Sphecia*  
*montelli* (LÖFQVIST 1922:82), *Aegeria*  
var. *orophila* (ZUKOWSKY 1929a:20), *Sphecia*  
ab. *incognita* (STRAND [1927]:282), *Aegeria*; infrasubspecific (unavailable)  
f. *fumosa* (LEMPKE 1961:175), *Sphecia*; infrasubspecific (unavailable)
- P *Sesia flavicollis* (HAMPSON [1893a]:190), *Sphecodoptera*
- P *Sesia gloriosa* (LE CERF 1914d:421), *Aegeria*  
*mandarina* (LE CERF 1916b:13), *Sphecia*
- P *Sesia huaxica* XU 1995:6
- P *Sesia melanocephala* DALMAN 1816:217  
*laphriaeformis* (HÜBNER [1824-1825]: pl. 35: fig. 156-159), *Sphinx*
- P *Sesia nirdhoji* PETERSEN & LINGENHÖLE 1998:42
- P *Sesia oberthueri* (LE CERF 1914d:422), *Aegeria*
- P *Sesia przewalskii* (ALPHERAKY 1882:18), *Trochilium*
- P *Sesia ruficollis* PETERSEN & LINGENHÖLE 1998:44
- P *Sesia siningensis* (HSU 1981:181), *Sphecia*
- P *Sesia solitera* ŠPATENKA & ARITA 1992:103
- P *Sesia tibetensis* ARITA & XU 1994b:193
- P *Sesia timur* (GRUM-GRSHIMAILO 1893:385), *Trochilium*
- P *Sesia yezoensis* (HAMPSON 1919:81), *Aegeria*  
*asamaensis* (HAMPSON 1919:81), *Sphecia*
- P *Sesia ignicollis* (HAMPSON [1893a]:189), *Trochilium*
- P *Sesia ommatiaeformis* (MOORE 1891:16), *Sphecia*  
*shugnana* (SHELJUZHKO 1943:79), *Sphecia*
- P *Sesia repanda* (WALKER 1856:11), *Sphecia*
- N *Sesia spartani* EICHLIN & TAFT 1988:232
- N *Sesia tibialis* (HARRIS 1839:309), *Trochilium*  
*flavitibia* (WALKER 1856:67), *Melittia*; unnecessary replacement name for *Trochilium tibiale* HARRIS 1839  
*pacifica* (EDWARDS 1881:180), *Trochilium*  
*californica* (NEUMOEGEN 1891:108), *Trochilium*  
*minimum* (NEUMOEGEN 1891:108), *Trochilium*  
var. *dyari* (COCKERELL 1908:330), *Aegeria*  
var. *anonyma* (STRAND 1925:124), *Aegeria*  
var. *melanoformis* (ENGELHARDT 1946:178), *Aegeria*
- Trilochana* MOORE 1879b:9 [*Trilochana scolioides* MOORE 1879, by monotypy]  
*Scoliomima* BUTLER 1885:370 [*Scoliomima insignis* BUTLER 1885, by monotypy]
- O *Trilochana scolioides* MOORE 1879b:10  
*megascolioides* ARITA 1989:11
- O *Trilochana caseariae* YANG & WANG 1989b:233

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- O *Trilochana chalcipera* HAMPSON 1919:83  
ab. *pseudoinsignis* (STRAND [1917b]:89), *Scoliomima*; infrasubspecific (unavailable)
- O *Trilochana illustris* KALLIES & ARITA 1998:251
- O *Trilochana insignis* (BUTLER 1885:371), *Scoliomima*
- O *Trilochana nagaii* ARITA & KALLIES 2003:229
- O *Trilochana oberthueri* LE CERF 1917:353  
var. *boulleti* LE CERF 1917:355
- O,A *Trilochana smaragdina* DIAKONOFF 1954:185
- O *Trilochana triscoliopsis* ROTHSCILD 1925a:208
- Cyanosesia* GORBUNOV & ARITA 1995e:74 [*Cyanosesia tonkinensis* GORBUNOV & ARITA 1995, original designation]
- O *Cyanosesia borneensis* KALLIES 2003:161
- O *Cyanosesia cyanolampra* (DIAKONOFF [1968]:229), *Sura*
- O *Cyanosesia cyanosa* KALLIES & ARITA 2004:88
- O *Cyanosesia formosana* ARITA & GORBUNOV 2002b:234
- O *Cyanosesia hypochalcia* (HAMPSON 1919:60), *Synanthedon*
- O *Cyanosesia javana* GORBUNOV & KALLIES 1998:461
- O *Cyanosesia litseavora* KALLIES & ARITA 2004:85
- O *Cyanosesia meyi* KALLIES & ARITA 1998:249
- O *Cyanosesia pelocroca* (DIAKONOFF [1968]:225), *Glossosphecia*
- O *Cyanosesia philippina* GORBUNOV & KALLIES 1998:458
- O *Cyanosesia tonkinensis* GORBUNOV & ARITA 1995e:77
- O *Cyanosesia treadawayi* KALLIES & ARITA 1998:246
- O *Cyanosesia vietnamica* GORBUNOV & ARITA 1995e:79
- Sphecosesia* HAMPSON 1910b:93 [*Sphecosesia pedunculata* HAMPSON 1910, original designation]
- O *Sphecosesia ashinaga* KALLIES & ARITA 2004:91
- O *Sphecosesia aterea* HAMPSON 1919:77
- O *Sphecosesia bruneiensis* KALLIES 2003:165
- O *Sphecosesia pedunculata* HAMPSON 1910b:93
- O *Sphecosesia rhodites* KALLIES & ARITA 2004:92
- Teinotarsina* FELDER 1874:9, pl. 75 [*Sesia longipes* FELDER 1861, by original designation]
- O *Teinotarsina flavicincta* (ARITA & GORBUNOV 2002b:237), *Cyanosesia*
- O *Teinotarsina litchivora* (YANG & WANG 1989b:230), *Sphecosesia*
- O *Teinotarsina longipes* (FELDER 1861:26), *Sesia*
- O *Teinotarsina longitarsa* ARITA & GORBUNOV 2002b:223
- O *Teinotarsina lushanensis* (XU & LIU 1999:3), *Sphecosesia*
- O *Teinotarsina luteopoda* KALLIES & ARITA 2004:93
- O *Teinotarsina melanostoma* (DIAKONOFF [1968]:219), *Sphecosesia*
- O *Teinotarsina micans* (DIAKONOFF [1968]:226), *Glossosphecia*
- O *Teinotarsina nonggangensis* (YANG & WANG 1989b:232), *Sphecosesia*
- O *Teinotarsina rubripes* (PAGENSTECHE 1900:22), *Sesia*
- Lenyra* WALKER 1856:71 [*Trochilium ashtaroth* WESTWOOD 1848, by monotypy]
- O *Lenyra ashtaroth* (WESTWOOD 1848:14), *Trochilium*  
*tonkiniana* LE CERF 1927:149  
*naumanni* ARITA 1989:12
- Aegerosphecia* LE CERF 1916b:13 [*Aegerosphecia calliptera* LE CERF 1916, subsequent designation by LE CERF 1917:364]
- O *Aegerosphecia calliptera* LE CERF 1916b:13
- O *Aegerosphecia cyanea* HAMPSON 1919:80
- O *Aegerosphecia fasciata* (WALKER 1862:83), *Melittia*
- O *Aegerosphecia fulviventris* LE CERF 1916b:13
- O *Aegerosphecia fumoptera* KALLIES & ARITA 2004:76
- O *Aegerosphecia myanmarensis* KALLIES & ARITA 2004:73
- O *Aegerosphecia mysolica* (WALKER [1865]:18), *Melittia*
- Lamellisphacia* KALLIES & ARITA 2004:76 [*Lamellisphacia haematinea* KALLIES & ARITA 2004, original designation]
- O *Lamellisphacia champaensis* KALLIES & ARITA 2004:80
- O *Lamellisphacia haematinea* KALLIES & ARITA 2004:77
- O *Lamellisphacia wiangensis* KALLIES & ARITA 2004:80
- Clavigera* KALLIES & ARITA 2004:81 [*Trochilium pugnax* MEYRICK 1926, original designation]
- O *Clavigera chrysoptera* (HAMPSON 1919:82), *Aegeria*

- O *Clavigera pugnax* (MEYRICK 1926:266), *Trochilium*  
*Eusphacia* LE CERF 1937b:106 [*Sesia pimplaeformis* OBERTHÜR 1872, original designation]  
P *Eusphacia pimplaeformis* (OBERTHÜR 1872:486, pl. 21), *Sesia maculiferum* (STAUDINGER 1895a:290), *Trochilium*  
*Scasiba* MATSUMURA 1931a:1017 [*Scasiba taikanensis* MATSUMURA 1931, by monotypy]  
P,O *Scasiba okinawana* (MATSUMURA 1931a:1017), *Spherodoptera* [sic]  
P *Scasiba rhynchioides* (BUTLER 1881:589), *Sphecia*  
P *Scasiba scribai* (BARTEL 1912:379), *Sphecia molybdoceps* (HAMPSON 1919:82), *Aegeria*  
P *Scasiba sheni* (ARITA & XU 1994a:61), *Sesia caryavora* XU & ARITA 1994:2  
*molybdoceps* (SHEN 1988:23), *Aegeria* [nec *Aegeria molybdoceps* HAMPSON 1919]; misdetermination (unavailable)  
O *Scasiba difficilis* KALLIES & ARITA 2004:89  
O *Scasiba taikanensis* (MATSUMURA 1931a:1017)  
O *Scasiba tenuimarginata* (HAMPSON [1893a]:193), *Sciapteron*  
*Callisphacia* LE CERF 1916b:13 [*Callisphacia oberthueri* LE CERF 1916, subsequent designation by LE CERF 1917:367]  
E *Callisphacia bicincta* LE CERF 1916b:13  
E *Callisphacia oberthueri* LE CERF 1916b:13  
*Madasphacia* VIETTE 1982:51 [*Callisphacia puera* VIETTE 1957, original designation]  
E *Madasphacia puera* (VIETTE 1957:92), *Callisphacia*

### Cissuvorini DUCKWORTH & EICHLIN 1977c:13 [*Cissuvora* ENGELHARDT 1946]

- Toleria* WALKER [1865]:19 [*Toleria abiaeformis* WALKER [1865], by monotypy]  
P,O *Toleria abiaeformis* WALKER [1865]:20  
*sangaica* (ZUKOWSKY 1932:316), *Aegeria*  
O *Toleria ilana* ARITA & GORBUNOV 2001:185  
*Chimaerosphacia* STRAND [1916]:46 [*Chimaerosphacia aegerides* STRAND [1916], by monotypy]  
O *Chimaerosphacia aegerides* STRAND [1916]:46  
O *Chimaerosphacia colochelyna* BRYK 1947:98  
O *Chimaerosphacia sinensis* (WALKER [1865]:1), *Sphecia*  
*Glossosphacia* HAMPSON 1919:83 [*Sphecia contaminata* BUTLER 1878, original designation]  
P *Glossosphacia contaminata* (BUTLER 1878:59), *Sphecia*  
P *Glossosphacia romanovi* (LEECH 1889a:591), *Sphecia* [nec *Sesia romanovi* BARTEL 1902]  
O *Glossosphacia huoshanensis* (XU 1993:7), *Cissuvora*  
O *Glossosphacia sherpa* (BARTSCH 2003:150), *Toleria*  
*Cissuvora* ENGELHARDT 1946:134 [*Cissuvora ampelopsis* ENGELHARDT 1946, original designation]  
N *Cissuvora ampelopsis* (ENGELHARDT 1946:134)  
*Dasysphacia* HAMPSON 1919:79 [*Sphecia bombylifformis* ROTHSCHILD 1911, original designation]  
P *Dasysphacia ladakhensis* (ŠPATENKA 1990:72), *Sesia*  
O *Dasysphacia bombylifformis* (ROTHSCHILD 1911:45), *Sphecia*

### Osmiini DUCKWORTH & EICHLIN 1977c:26 [*Osminia* LE CERF 1917]

- Sazonia* GORBUNOV & ARITA 2001b:365 [*Sazonia gorodinskii* GORBUNOV & ARITA 2001, original designation]  
- subgenus *Sazonia* GORBUNOV & ARITA 2001  
O *Sazonia (Sazonia) gorodinskii* GORBUNOV & ARITA 2001b:367, *Sazonia (Sazonia)*  
- subgenus *Miniosa* GORBUNOV & ARITA 2001b:370 [*Sesia fenusaeformis* HERRICH-SCHÄFFER 1852, original designation]  
P *Sazonia (Miniosa) fenusaeformis* (HERRICH-SCHÄFFER 1852:48), *Sesia*  
*fenusiformis* (STAUDINGER 1856:283), *Sesia*; incorrect emendation  
*pompiliformis* (HERRICH-SCHÄFFER 1846:73), *Sesia*; unavailable by publication in synonymy  
*alysaeformis* (HERRICH-SCHÄFFER 1846:74)<sup>5</sup>, *Sesia*; unavailable by publication in synonymy  
*foenusaeformis* (HERRICH-SCHÄFFER 1846:74)<sup>5</sup>, *Sesia*; unavailable by publication in synonymy  
*leucopsiformis* (HERRICH-SCHÄFFER 1846:73), *Sesia* [nec *Sphinx leucopsiformis* ESPER 1800]; misdetermination (unavailable)  
*Osminia* LE CERF 1917:327 [*Osminia ferruginea* LE CERF 1917, original designation]  
*Signaphora* ENGELHARDT 1946:131 [*Carmenta ruficornis* EDWARDS 1881, original designation]  
N *Osminia donahueorum* DUCKWORTH & EICHLIN 1983:7

<sup>5</sup>) assigned to *leucopsiformis* (= *Sesia fenusaeformis* HERRICH-SCHÄFFER 1852:48) by HERRICH-SCHÄFFER 1846:73, later erroneously assigned to *Sesia leucopsiformis* (ESPER 1782) by HEYDENREICH 1851:20

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- N,NL *Osminia ruficornis* (EDWARDS 1881:184), *Carmenta minuta* (EDWARDS 1881:185), *Carmenta candescens* (EDWARDS 1882c:123), *Aegeria marcia* (DRUCE 1889:81), *Tarsopoda*
- NL *Osminia albipilosa* EICHLIN 1998:25
- NL *Osminia bicorniculis* DUCKWORTH & EICHLIN 1983:5
- NL *Osminia colimaensis* DUCKWORTH & EICHLIN 1983:6
- NL *Osminia exigua* EICHLIN 1998:25
- NL *Osminia ferruginea* LE CERF 1917:328
- NL *Osminia fisheri* EICHLIN 1987:532
- NL *Osminia heitzmani* EICHLIN 1998:27
- NL *Osminia phalarocera* DUCKWORTH & EICHLIN 1983:8
- NL *Osminia rubrialvus* EICHLIN 1998:25
- Chamanthedon* LE CERF 1916b:12 [*Chamanthedon hypochroma* LE CERF 1916, subsequent designation by LE CERF 1917:287]
- Diakonoffia* NICULESCU 1969:33 [*Synanthedon chrysostetha* DIAKONOFF 1968, original designation]; preoccupied by KIRIAKOFF 1953 (Thyretidae)
- Eudiakonoffia* FLETCHER 1982:63 [*Synanthedon chrysostetha* DIAKONOFF 1968, original designation]; replacement name for *Diakonoffia* NICULESCU 1969
- O *Chamanthedon albicincta* HAMPSON 1919:65
- O *Chamanthedon aurigera* (BRYK 1947:108), *Conopia*
- O *Chamanthedon bicincta* ARITA & GORBUNOV 2000c:208
- O *Chamanthedon chrysostetha* (DIAKONOFF [1968]:221), *Synanthedon*
- O *Chamanthedon flavipes* (HAMPSON 1893b:60), *Aegeria* [nec *Sesia flavipes* HULST 1881]
- O *Chamanthedon hypochroma* LE CERF 1916b:12
- O *Chamanthedon melanoptera* LE CERF 1927:149
- O *Chamanthedon quinquecincta* (HAMPSON [1893a]:196), *Sesia*
- O *Chamanthedon suisharyonis* (STRAND [1917a]:152), *Microsphecia*
- O *Chamanthedon xanthopleura* LE CERF 1916b:12
- species incertae sedis (excluded from *Chamanthedon* by ARITA & GORBUNOV 1998):
- NL *Chamanthedon aurantiibasis* (ROTHSCHILD 1911:46), *Aegeria*
- NL *Chamanthedon gaudens* (ROTHSCHILD 1911:46), *Aegeria*
- E *Chamanthedon amorpha* HAMPSON 1919:67
- E *Chamanthedon brillians* (BEUTENMÜLLER 1899a:172), *Sesia*
- E *Chamanthedon chalypsa* HAMPSON 1919:67
- E *Chamanthedon chrysopasta* HAMPSON 1919:65
- E *Chamanthedon elymais* (DRUCE 1899:202), *Aegeria*
- E *Chamanthedon fulvipes* (HAMPSON 1910c:506), *Lepidopoda*
- E *Chamanthedon heliostoma* MEYRICK 1926:267
- E *Chamanthedon hilariformis* (WALKER 1856:57), *Aegeria*
- E *Chamanthedon leucocera* HAMPSON 1919:66
- E *Chamanthedon leucopleura* HAMPSON 1919:67
- E *Chamanthedon ochracea* (WALKER [1865]:10), *Aegeria*
- E *Chamanthedon striata* GAEDE 1929:523
- E *Chamanthedon tapeina* HAMPSON 1919:67
- E *Chamanthedon tropica* (BEUTENMÜLLER 1899a:172), *Sesia*
- E *Chamanthedon xanthopasta* HAMPSON 1919:66
- Microsynanthedon* VIETTE [1955]:94 [*Microsynanthedon ambrensis* VIETTE [1955], original designation]
- E *Microsynanthedon ambrensis* VIETTE [1955]:94
- E *Microsynanthedon setodiformis* (MABILLE 1891:174), *Sesia*
- E *Microsynanthedon tanala* MINET 1976:40
- Calasesia* BEUTENMÜLLER 1899b:256 [*Pyrrhotaenia coccinea* BEUTENMÜLLER 1898, original designation]
- N *Calasesia coccinea* (BEUTENMÜLLER 1898:241), *Pyrrhotaenia*
- Aenigmia* LE CERF 1912b:291 [*Aenigmia aenea* LE CERF 1912, by monotypy]
- E *Aenigmia aenea* LE CERF 1912b:291
- E *Aenigmia critheis* (DRUCE 1899:202), *Aegeria*
- E *Aenigmia latimargo* LE CERF 1912b:292
- E *Aenigmia tiresa* (DRUCE 1899:202), *Aegeria*

- Pyranthrene* HAMPSON 1919:110 [*Pyranthrene flammans* HAMPSON 1919, original designation]  
 E *Pyranthrene flammans* HAMPSON 1919:110
- Homogyna* LE CERF 1911c:303 [*Homogyna alluaudi* LE CERF 1911, by monotypy]  
 E *Homogyna alluaudi* LE CERF 1911c:303  
 E *Homogyna ignivittata* HAMPSON 1919:110  
 E *Homogyna porphyractis* MEYRICK 1937:119  
 E *Homogyna sanguicosta* HAMPSON 1919:111  
 E *Homogyna sanguipennis* (MEYRICK 1926:267), *Paranthrene*  
 E *Homogyna xanthophora* (HAMPSON 1910a:150), *Tinthia*  
 O *Homogyna pygmaea* (REBEL 1899:360), *Sciapteron*  
 - species incertae sedis (excluded from *Homogyna* by GORBUNOV & ARITA 1998):  
 E *Homogyna albicincta* HAMPSON 1919:112  
 E *Homogyna endopyra* (HAMPSON 1910a:151), *Tinthia*  
 E *Homogyna pyrophora* HAMPSON 1919:111  
 E *Homogyna spadicicorpus* PROUT 1919:190
- Aschistophleps* HAMPSON [1893a]:200 [*Aschistophleps lampropoda* HAMPSON 1893, original designation]  
 O *Aschistophleps lampropoda* HAMPSON [1893a]:200  
 O *Aschistophleps longipoda* ARITA & GORBUNOV 2000b:62  
 O *Aschistophleps metachryseis* HAMPSON 1895:282  
 O *Aschistophleps murzini* GORBUNOV & ARITA 2002:193  
 O *Aschistophleps ruficrista* (ROTHSCHILD 1912:122), *Aegeria*  
 O *Aschistophleps xanthocrista* GORBUNOV & ARITA 1995e:81
- Pyrophleps* ARITA & GORBUNOV 2000b:64 [*Pyrophleps nigripennis* ARITA & GORBUNOV 2000, original designation]  
 O *Pyrophleps vitripennis* ARITA & GORBUNOV 2000b:68  
 O *Pyrophleps cucphuonganae* ARITA & GORBUNOV 2000b:70  
 O *Pyrophleps nigripennis* ARITA & GORBUNOV 2000b:65  
 O *Pyrophleps cruentata* (SWINHOE 1896:359), *Adixoa*  
 O *Pyrophleps haematochrodes* (LE CERF 1912a:54), *Aschistophleps*  
 O *Pyrophleps ruficrista* (ROTHSCHILD 1912:122), *Aegeria*
- Heterosphecia* LE CERF 1916b:9 [*Heterosphecia myticus* LE CERF 1916, by monotypy]  
*Vietomelittia* GORBUNOV 1988a:193 [*Vietomelittia soljanikovi* GORBUNOV 1988, original designation]  
*Hypomelittia* HAMPSON 1919:96 [*Hypomelittia hyaloptera* HAMPSON 1919, original designation]  
*Thamnoscelis* MEYRICK 1928:466 [nec *Thamnoscelis* MEYRICK 1935] [*Thamnoscelis inclemens* MEYRICK 1928, by monotypy]  
 O *Heterosphecia bantanakai* (ARITA & GORBUNOV 2000b:56), *Vietomelittia*  
 O *Heterosphecia hyaloptera* (HAMPSON 1919:96), *Hypomelittia*  
 O *Heterosphecia indica* KALLIES 2003:35  
 O *Heterosphecia melissoides* (HAMPSON [1893a]:201), *Aschistophleps myticus* LE CERF 1916b:9  
*inclemens* (MEYRICK 1928:466), *Thamnoscelis*  
 O *Heterosphecia robinsoni* KALLIES 2003:35  
 O *Heterosphecia soljanikovi* (GORBUNOV 1988a:193), *Vietomelittia*  
 O *Heterosphecia tawonoides* KALLIES 2003:37
- Melanosphecia* LE CERF 1916b:10 [*Melanosphecia atra* LE CERF 1916, by monotypy]  
 O *Melanosphecia atra* LE CERF 1916b:10  
 O *Melanosphecia auricollis* (ROTHSCHILD 1912:123), *Melittia bouvieri* LE CERF 1917:247  
 O *Melanosphecia dohertyi* HAMPSON 1919:96  
 O *Melanosphecia funebris* (ROTHSCHILD 1911:46), *Melittia*
- Akaisphecia* GORBUNOV & ARITA 1995d:17 [*Akaisphecia melanopuncta* GORBUNOV & ARITA 1995, original designation]  
 O *Akaisphecia melanopuncta* GORBUNOV & ARITA 1995d:19
- Callithia* LE CERF 1916b:9 [*Callithia oberthueri* LE CERF 1916, by monotypy]  
 NL *Callithia oberthueri* LE CERF 1916b:9
- Melittiini LE CERF 1917:148 [*Melittia* HÜBNER [1819]]**  
*Melittia* HÜBNER [1819]:128 [*Melittia anthedoniformis* HÜBNER [1819] (= *Sesia chalciformis* FABRICIUS 1793), by monotypy]  
*Eumallopoda* WALLENGREN 1859:84 [*Eumallopoda laniremis* WALLENGREN 1859, original designation]

- Parasa* WALLENGREN 1863:137 [*Parasa aureosquamata* WALLENGREN 1863, by monotypy]; preoccupied by MOORE [1860] (Limacodidae)
- Pansa* WALLENGREN 1865:9 [*Parasa aureosquamata* WALLENGREN 1863, by monotypy]; replacement name for *Parasa* WALLENGREN 1863
- Premelittia* LE CERF 1916b:9 [*Premelittia rufescens* LE CERF 1916, by monotypy]
- Neosphecia* LE CERF 1916b:9 [*Neosphecia combusta* LE CERF 1916, by monotypy]
- Melittina* LE CERF 1917:239 [*Melittina nigra* LE CERF 1917, original designation]
- Poderis* BOISDUVAL [1875]:468 [*Melittia anthedoniformis* HÜBNER 1819 (= *Sesia chalciformis* FABRICIUS 1793)]; unavailable by publication in synonymy
- P,O *Melittia eurytion* (WESTWOOD 1848:62), *Trochilium*
- P,O *Melittia formosana* MATSUMURA 1911:86
- P,O *Melittia formosana formosana* MATSUMURA 1911  
ab. *microfenestrata* STRAND [1916]:45; infrasubspecific (unavailable)
- P *Melittia formosana nagaii* ARITA & GORBUNOV 1997:33
- P *Melittia gephyra* GAEDE 1933:230  
*gephyra* AMSEL 1933:25; nomen nudum
- P *Melittia inouei* ARITA & YATA 1987:164
- P,O *Melittia sangaica* MOORE 1877:84
- O *Melittia sangaica sangaica* MOORE 1877  
*humerosa* SWINHOE 1892:38
- P *Melittia sangaica nipponica* ARITA & YATA 1987:158
- NL *Melittia arcangelii* GIACOMELLI 1911:29
- NL *Melittia bergii* EDWARDS 1883:157
- NL *Melittia brabantii* LE CERF 1917:212
- NL *Melittia butleri* DRUCE 1883:32
- NL *Melittia chimana* LE CERF 1916b:9
- NL *Melittia combusta* (LE CERF 1916b:9), *Neosphecia*
- NL *Melittia cyaneifera* WALKER 1856:67  
var. *reducta* LE CERF 1917:218
- NL *Melittia eichlini* FRIEDLANDER 1986:278
- NL *Melittia faulkneri* EICHLIN 1992:141
- NL *Melittia funesta* LE CERF 1917:164
- NL *Melittia gilberti* EICHLIN 1992:140
- NL *Melittia hervei* LE CERF 1917:166
- NL *Melittia imperator* ROTHSCHILD 1911:45
- NL *Melittia josepha* LE CERF 1916b:8
- NL *Melittia lagopus* BOISDUVAL [1875]:475
- NL *Melittia latimargo* BUTLER 1874:410
- NL *Melittia louisa* LE CERF 1916b:9
- NL *Melittia nigra* (LE CERF 1917:239), *Melittina*
- NL *Melittia oberthueri* LE CERF 1916b:9
- NL *Melittia pauper* LE CERF 1916b:9
- NL *Melittia powelli* LE CERF 1917:210  
var. *chryscens* SCHADE 1939:230
- NL *Melittia pulchripes* WALKER 1856:67  
*Melittia pulchripes pulchripes* WALKER 1856  
*satyriniformis* auct. [nec HÜBNER [1827-1831]]  
*riograndensis* BRETHERS 1920:284  
*Melittia pulchripes dangeloi* KÖHLER 1941:10
- NL *Melittia rufescens* (LE CERF 1916b:9)
- NL *Melittia rugia* DRUCE 1910b:180
- NL *Melittia scoliiformis* SCHADE 1938:471
- NL *Melittia smithi* DRUCE 1889:81
- NL *Melittia sulphureopyga* LE CERF 1916b:8
- NL *Melittia superba* ROTHSCHILD 1909:132 [nec *Melittia superba* BARNES & LINDSEY 1922]
- NL *Melittia tayuyana* BRUCH 1941:163
- NL *Melittia umbrosa* ZUKOWSKY 1936b:1251
- NL *Melittia xanthopus* LE CERF 1916b:9
- E *Melittia abyssiniensis* HAMPSON 1919:95
- E *Melittia acosmetes* HAMPSON 1919:86
- E *Melittia auriplumia* HAMPSON 1910c:506
- E *Melittia aureosquamata* (WALLENGREN 1863:137), *Parasa*
- E *Melittia aurociliata* (AURIVILLIUS 1879:47), *Pansa*

- E *Melittia azrael* LE CERF 1914a:61  
E *Melittia bouletti* LE CERF 1917:222  
E *Melittia chalconota* HAMPSON 1910a:149  
E *Melittia chrysobapta* HAMPSON 1919:86  
E *Melittia congoana* LE CERF 1916b:8  
E *Melittia ectothyris* HAMPSON 1919:94  
E *Melittia endoxantha* HAMPSON 1919:85  
E *Melittia haematopis* FAWCETT 1916:736  
E *Melittia houlberti* LE CERF 1917:233  
E *Melittia hyaloxantha* MEYRICK 1928:467  
E *Melittia laboissierei* LE CERF 1917:229  
E *Melittia laniremis* (WALLENGREN 1859:84), *Eumallopoda*  
E *Melittia lentistriata* HAMPSON 1919:93  
E *Melittia oedipus* OBERTHÜR 1878:30  
*ignidiscata* HAMPSON 1910c:507  
*oedipoides* STRAND [1913]:68  
ab. *thoracalis* STRAND [1917c]:11; infrasubspecific (unavailable)  
E *Melittia pyropis* HAMPSON 1919:84  
E *Melittia rufodorsa* HAMPSON 1910a:150  
E *Melittia tibialis* (DRURY 1773:49, index page 1), *Sphinx*  
E *Melittia usambara* LE CERF 1917:231  
E *Melittia xanthogaster* HAMPSON 1919:94  
O *Melittia afonini* GORBUNOV & ARITA 1999b:194  
*Melittia afonini afonini* GORBUNOV & ARITA 1999  
*Melittia afonini tonkinensis* ARITA & GORBUNOV 2000a:270  
O *Melittia amboinensis* FELDER 1861:28  
*batchiana* LE CERF 1917:190  
O *Melittia astarte* (WESTWOOD 1848:61), *Trochilium*  
O *Melittia bella* ARITA & GORBUNOV 1996a:165  
O *Melittia binghami* NICEVILLE 1900:174  
O *Melittia burmana* LE CERF 1916b:8  
O *Melittia callosoma* HAMPSON 1919:92  
O *Melittia celebica* LE CERF 1916b:8  
O *Melittia chalciformis* (FABRICIUS 1793:382), *Sesia*  
*bombyliformis* (STOLL 1782:248 [index]), *Sphinx* [nec *Sphinx bombyliformis* LINNAEUS 1758]; junior primary  
homonym of *Sphinx bombyliformis* LINNAEUS 1758 (Sphingidae)  
*anthoniformis* HÜBNER [1819]:128; replacement name for *Sphinx bombyliformis* STOLL (in CRAMER) 1782  
*bombylipennis* BOISDUVAL [1875]:473  
*arrecta* MEYRICK 1918:181  
*bombiliformis* (STOLL 1782:241), *Sphinx*; incorrect original spelling (unavailable)  
O *Melittia chrysogaster* WALKER [1865]:16  
O *Melittia congruens* SWINHOE 1890:169  
*dorsatiformis* HAMPSON 1891:43  
O *Melittia cristata* ARITA & GORBUNOV 2002b:202  
O *Melittia cucphuongae* ARITA & GORBUNOV 2000a:256  
*phuonga* ARITA & GORBUNOV 2000a:254; incorrect original spelling (unavailable)  
O *Melittia dichroipus* HAMPSON 1919:90  
O *Melittia distincta* LE CERF 1916b:8  
O *Melittia distinctoides* ARITA & GORBUNOV 2000a:267  
O *Melittia erythrina* DIAKONOFF 1954:188  
O *Melittia ferroptera* KALLIES & ARITA 1998:253  
O *Melittia flaviventris* HAMPSON 1919:92  
O *Melittia gigantea* MOORE 1879a:413  
O *Melittia gorochovi* GORBUNOV 1988a:195  
O *Melittia hamptoni* BEUTENMÜLLER 1894b:365; replacement name for *Melittia grandis* HAMPSON 1893  
*grandis* HAMPSON [1893a]:203 [nec *Trochilium grandis* STRECKER 1881]; junior secondary homonym of  
*Trochilium grandis* STRECKER 1881  
O *Melittia indica* BUTLER 1874:411  
*bombyliformis* WALKER 1856:69 [nec *Sphinx bombyliformis* STOLL [in CRAMER] 1782]; misdetermination (unavailable)  
O *Melittia javana* LE CERF 1916b:8  
O *Melittia kulluana* MOORE 1888:392  
O *Melittia leucogaster* HAMPSON 1919:90  
O *Melittia luzonica* GORBUNOV & ARITA 1996:329



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- O *Melittia madureae* LE CERF 1916b:7  
O *Melittia meeki* LE CERF 1916b:8  
O *Melittia moluccaensis* HAMPSON 1919:89  
O *Melittia nepalensis* GORBUNOV & ARITA 1999a:110  
O *Melittia nepcha* MOORE 1879b:10  
var. *asiatica* LE CERF 1917:197  
var. *vietnamica* GORBUNOV 1988a:195  
O *Melittia newara* MOORE 1879b:10  
O *Melittia nilgiriensis* GORBUNOV & ARITA 1999b:204  
O *Melittia notabilis* SWINHOE 1890:168  
O *Melittia pellecta* SWINHOE 1890:169  
O *Melittia pijiae* ARITA & KALLIES 2000:51  
O *Melittia phorcus* (WESTWOOD 1848:62), *Trochilium*  
O *Melittia propria* KALLIES & ARITA 2003:174  
O *Melittia proxima* LE CERF 1917:186  
O *Melittia romieuxi* GORBUNOV & ARITA 1996:326  
O *Melittia rutilipes* WALKER [1865]:16  
O *Melittia senohi* ARITA & GORBUNOV 2000a:273  
O *Melittia siamica* WALKER [1865]:18  
O *Melittia simonyi* REBEL 1899:361  
O *Melittia staudingeri* BOISDUVAL [1875]:478  
*indica* LE CERF 1916b:8 [nec *Melittia indica* BUTLER 1874]; misdetermination (unavailable)  
O *Melittia strigipennis* WALKER [1865]:17  
O *Melittia sukothai* ARITA & GORBUNOV 1996a:160  
O *Melittia sumatrana* LE CERF 1916b:8  
*marangana* LE CERF 1916b:8  
O *Melittia suzukii* GORBUNOV & ARITA 1999b:200  
O *Melittia tabanus* LE CERF 1916b:9  
O *Melittia taiwanensis* ARITA & GORBUNOV 2002b:210  
O *Melittia tigrupes* DIAKONOFF 1954:187  
O *Melittia uenoi* ARITA & GORBUNOV 2000a:259  
O *Melittia volatilis* SWINHOE 1890:170  
O *Melittia xanthodes* DIAKONOFF 1954:180  
A *Melittia chalybescens* MISKIN 1892:59  
*proserpina* HAMPSON 1919:92  
A *Melittia doddi* LE CERF 1916b:8  
*thaumasia* TURNER 1917:81  
- species incertae sedis (excluded from *Melittia* by ARITA & GORBUNOV 1996a):  
N,NL *Melittia calabaza* DUCKWORTH & EICHLIN 1973b:151  
N,NL *Melittia cucurbitae* (HARRIS 1828:33), *Aegeria*  
*satyriniformis* (HÜBNER [1827-1831]:17)  
*ceto* (WESTWOOD 1848:62), *Trochilium*  
*amoena* (EDWARDS 1882a:53)  
N,NL *Melittia gloriosa* EDWARDS 1880:71  
*superba* (BARNES & LINDSEY 1922:122) [nec *Melittia superba* ROTHSCHILD 1909]; junior primary homonym of  
*Melittia superba* ROTHSCHILD 1909  
*barnesi* (DALLA TORRE 1925:138); replacement name for *Melittia superba* BARNES & LINDSEY 1922  
*lindseyi* (BARNES & BENJAMIN 1925:14); replacement name for *Melittia superba* BARNES & LINDSEY 1922  
N,NL *Melittia grandis* (STRECKER 1881:156), *Trochilium* [nec *Melittia grandis* HAMPSON [1893]]  
*beckeri* (DRUCE 1892:276), *Melitta* [sic]  
var. *hermosa* (ENGELHARDT 1946:186)  
(?) N,NL *Melittia khmer* LE CERF 1917:161  
*chmer* (HAMPSON 1919:93); incorrect emendation  
N,NL *Melittia magnifica* BEUTENMÜLLER 1900a:151  
N,NL *Melittia snowii* EDWARDS 1882a:53  
*Desmopoda* FELDER 1874:4, pl. 75 [*Desmopoda bombiformis* FELDER 1874, by monotypy]  
O *Desmopoda bombiformis* FELDER 1874:4  
*Agriomelissa* MEYRICK 1931:51 [*Agriomelissa gypsospora* MEYRICK 1931, by monotypy]  
E *Agriomelissa aethiopica* (LE CERF 1917:227), *Melittia*  
E *Agriomelissa amblyphaea* (HAMPSON 1919:86), *Melittia*  
E *Agriomelissa brevicornis* (AURIVILLIUS 1905:43), *Melittia*  
E *Agriomelissa gypsospora* MEYRICK 1931:51  
E *Agriomelissa malagasy* (VIETTE 1982:48), *Melittia*

- E *Agriomelissa ursipes* (WALKER 1856:68), *Melittia*  
*hirtipes* (BOISDUVAL [1875]:475), *Poderis*; unavailable by publication in synonymy
- E *Agriomelissa victrix* (LE CERF 1916b:9), *Melittia*
- Afromelittia* GORBUNOV & ARITA 1997a:312 [*Melittia occidentalis* LE CERF 1917, original designation]
- E *Afromelittia aenescens* (BUTLER 1896:134), *Melittia*
- E *Afromelittia iridisquama* (MABILLE 1890:34), *Melittia*
- E *Afromelittia natalensis* (BUTLER 1874:411), *Melittia*
- E *Afromelittia occidentalis* (LE CERF 1917:167), *Melittia*
- Cephalomelittia* GORBUNOV & ARITA 1995a:149 [*Cephalomelittia tabaniformis* GORBUNOV & ARITA 1995, original designation]
- O *Cephalomelittia tabaniformis* GORBUNOV & ARITA 1995a:151
- Macrosclelesia* HAMPSON 1919:84 [*Melittia longipes* MOORE 1877, original designation]
- P *Macrosclelesia japona* (HAMPSON 1919:91), *Melittia*  
*eurytion* (BARTEL 1912:379), *Melittia* [nec *Melittia eurytion* (WESTWOOD 1848)]; misdetermination (unavailable)
- P,O *Macrosclelesia longipes* (MOORE 1877:84), *Melittia*
- O *Macrosclelesia longipes longipes* (MOORE 1877)
- P *Macrosclelesia longipes yamatoensis* ARITA 1992a:221
- O *Macrosclelesia aritai* KALLIES & GARREVOET 2001:14
- O *Macrosclelesia diaphana* GORBUNOV & ARITA 1995a:155
- O *Macrosclelesia elaea* (HAMPSON 1919:89), *Melittia*
- O *Macrosclelesia formosana* ARITA & GORBUNOV 2002b:219
- O *Macrosclelesia owadai* ARITA & GORBUNOV 2000a:284
- O *Macrosclelesia vietnamica* ARITA & GORBUNOV 2000a:287
- Paranthrenini NICULESCU 1964:34 [*Paranthrene* HÜBNER [1819]]**
- Nokona* MATSUMURA 1931b:7 [*Paranthrene yezonica* MATSUMURA 1931 (= *Sciapteron regale* BUTLER 1878), original designation]  
*Leptocimbicina* BRYK 1947:100 [*Leptocimbicina aurivena* BRYK 1947, original designation]
- P,O *Nokona aurivena* (BRYK 1947:100), *Leptocimbicina*
- P,O *Nokona bicincta* (WALKER [1865]:12), *Aegeria*
- P,O *Nokona chinensis* (LEECH 1889b:121), *Sciapteron*  
*regale* (LEECH 1889a:591), *Sciapteron* [nec *Sciapteron regale* BUTLER 1878]; misdetermination (unavailable)
- P *Nokona coreana* TOŠEVSKI & ARITA 1993:260
- P *Nokona feralis* (LEECH 1889a:591), *Sciapteron*  
*daisensis* (MATSUMURA 1931a:1016), *Paranthrene*
- P,O *Nokona iridina* (BRYK 1947:107), *Paranthrene*
- P,O *Nokona pernix* (LEECH 1889a:592), *Bembecia*  
*hirayamai* (MATSUMURA 1931a:1016), *Paranthrene*
- P,O *Nokona pompilus* (BRYK 1947:101), *Paranthrene*
- P *Nokona purpurea* (YANO 1965:6), *Paranthrene*
- P,O *Nokona regalis* (BUTLER 1878:60), *Sciapteron*  
*yezonica* (MATSUMURA 1931a:1017), *Paranthrene*
- P *Nokona rubra* ARITA & TOŠEVSKI 1992:620
- O *Nokona acaudata* ARITA & GORBUNOV 2001:173
- O *Nokona christineae* FISCHER 2003:139
- O *Nokona chrysoidea* (ZUKOWSKY 1932:317), *Paranthrene*
- O *Nokona davidi* (LE CERF 1917:259), *Paranthrene*
- O *Nokona formosana* ARITA & GORBUNOV 2001:170
- O *Nokona heterodesma* (DIAKONOFF [1968]:230), *Paranthrene*
- O *Nokona inexpectata* ARITA & GORBUNOV 2001:181
- O *Nokona palawana* KALLIES & ARITA 1998:267
- O *Nokona pilamicola* (STRAND [1916]:47), *Paranthrene*
- O *Nokona powondrae* (DALLA TORRE 1925:161), *Paranthrene*; replacement name for *Paranthrene tricincta* WILEMAN & SOUTH 1918  
*tricincta* (WILEMAN & SOUTH 1918:169), *Paranthrene*
- O *Nokona sikkima* (MOORE 1879b:9), *Sciapteron*  
*siccima* (HAMPSON 1919:109), *Paranthrene*; incorrect emendation
- O *Nokona stroehlei* FISCHER 2002:141
- A *Nokona carulifera* (HAMPSON 1919:108), *Paranthrene*  
*caerulifera* (TURNER 1922:62), *Paranthrene*; incorrect emendation
- A *Nokona coracodes* (TURNER 1922:61), *Trochilium*

- Taikona* ARITA & GORBUNOV 2001:165 [*Taikona matsumurai* ARITA & GORBUNOV 2001, original designation]
- O *Taikona matsumurai* ARITA & GORBUNOV 2001:167
- Scoliokona* KALLIES & ARITA 1998:259 [*Sura tetrapora* DIAKONOFF 1968, original designation]
- O *Scoliokona heptapora* KALLIES & ARITA 1998:264
- O *Scoliokona hyalina* ARITA & GORBUNOV 2003b:138
- O *Scoliokona kalliesi* ARITA & RIEFENSTAHL 2004:116
- O *Scoliokona tetrapora* (DIAKONOFF [1968]:228), *Sura*
- Adixoa* HAMPSON [1893a]:198 [*Aegeria alterna* WALKER [1865], original designation]
- O *Adixoa alterna* (WALKER [1865]:10), *Aegeria*
- O *Adixoa tomentosa* SCHULTZE 1908:28
- O *Adixoa trizonata* (HAMPSON 1900:43), *Sciapteron*  
*tricincta* (MOORE 1879b:8), *Aegeria* [nec *Aegeria tricincta* HARRIS 1839]; junior primary homonym of *Aegeria tricincta* HARRIS 1839  
*soror* LE CERF 1916b:10  
*moorei* (HEPPNER & DUCKWORTH 1981:32), *Synanthedon*; replacement name for *Aegeria tricincta* MOORE 1879
- Pramila* MOORE 1879b:9 [*Pramila atkinsoni* MOORE 1879, by monotypy]
- O *Pramila atkinsoni* MOORE 1879b:9  
*atkinsoni* (HAMPSON 1919:102), *Paranthrene*; incorrect emendation
- Vitacea* ENGELHARDT 1946:151 [*Aegeria polistiformis* HARRIS 1854, original designation]
- N *Vitacea cupressi* (EDWARDS 1881:183), *Sciapteron*
- N *Vitacea polistiformis* (HARRIS 1854:216), *Aegeria*  
*seminole* (NEUMOEGEN 1894:330), *Sciapteron*  
f. *huron* ENGELHARDT 1946:154
- N *Vitacea scepiformis* (EDWARDS 1881:183), *Sciapteron*
- N,NL *Vitacea admiranda* (EDWARDS 1882a:54), *Sciapteron*
- Phlogothauma* BUTLER 1882:237, gen. rev. [*Phlogothauma scintillans* BUTLER 1882, by monotypy]
- O *Phlogothauma scintillans* BUTLER 1882:238, comb. rev.
- Paranthrene* HÜBNER [1819]:128 [*Sphinx asiliformis* [DENIS & SCHIFFERMÜLLER] 1775 (= *Sphinx tabaniformis* ROTTEMBURG 1775), subsequent designation by NEWMAN in WESTWOOD 1840:89]
- Paranthrena* HERRICH-SCHÄFFER 1846:58; incorrect emendation
- Memythrus* NEWMAN 1832a:53 [*Sphinx vespiformis* NEWMAN 1832 (= *Sphinx tabaniformis* ROTTEMBURG 1775) [nec *Sphinx vespiformis* LINNAEUS 1761], subsequent designation by BEUTENMÜLLER 1901:246]
- Sciapteron* STAUDINGER 1854:43 [*Sphinx asiliformis* [DENIS & SCHIFFERMÜLLER] 1775 (= *Sphinx tabaniformis* ROTTEMBURG 1775), by monotypy]; junior objective synonym of *Paranthrene* HÜBNER [1819]
- Sciapterum* BARTEL 1912:376; incorrect emendation
- Tarsa* WALKER 1856:61 [*Tarsa bombyciformis* WALKER 1856 (= *Sesia asilipennis* BOISDUVAL in GUERIN-MENEVILLE [1832]), by monotypy]
- Fatua* EDWARDS 1882b:97 [*Trochilium denudatum* HARRIS 1839 (= *Sesia asilipennis* BOISDUVAL in GUERIN-MENEVILLE [1832]), original designation]; preoccupied by DEJEAN [1835] (Coleoptera)
- P *Paranthrene diaphana* DALLA TORRE & STRAND 1925:166  
*diaphana* SCHAWERDA 1922:165; infrasubspecific (unavailable)
- P *Paranthrene flammans* (HAMPSON [1893a]:191), *Sciapteron* [nec *Pyranthrene flammans* HAMPSON 1919]
- P *Paranthrene insolita insolita* LE CERF 1914d:422  
*Paranthrene insolita insolita* LE CERF 1914  
*aurantiacum* (REBEL 1917:274), *Sciapteron*
- Paranthrene insolita mardina* ŠPATENKA & LAŠTUVKA 1997:17
- Paranthrene insolita polonica* SCHNAIDER [1939]:140  
*novaki* TOŠEVSKI 1987:178
- Paranthrene insolita hispanica* ŠPATENKA & LAŠTUVKA 1997:20
- P,N *Paranthrene tabaniformis* (ROTTEMBURG 1775:110), *Sphinx*  
*Paranthrene tabaniformis tabaniformis* (ROTTEMBURG 1775)  
*asiliformis* ([DENIS & SCHIFFERMÜLLER] 1775:305), *Sphinx* [nec *Sphinx asiliformis* ROTTEMBURG 1775]; junior primary homonym of *Sphinx asiliformis* ROTTEMBURG 1775  
*sesia* (GMELIN 1790:2389), *Sphinx*  
*rhingiaeformis* (HÜBNER 1790:89), *Sphinx*  
*crabroniformis* (LASPEYRES 1801:11), *Sesia* [nec *Sesia crabroniformis* FABRICIUS 1793; nec *Sphinx crabroniformis* LEWIN 1797]; junior primary homonym of *Sesia crabroniformis* FABRICIUS 1793  
*tricincta* (HARRIS 1839:310), *Aegeria* [nec *Aegeria tricincta* MOORE 1879; nec *Paranthrene tricincta* WILEMAN & SOUTH 1918]  
*serratiformis* (FREYER 1842:130), *Sesia*  
*denotata* (EDWARDS 1882a:55), *Albuna*  
f. *sangaica* BARTEL 1912:380

- f. *annulifera* CLOSS 1920:13  
 f. *oslari* ENGELHARDT 1946:140  
*vespiformis* (NEWMAN 1832a:1), *Sphinx* [nec *Sphinx vespiformis* LINNAEUS 1761]; misdetermination (unavailable)
- P *Paranthrene tabaniformis kungessana* (ALPHERAKY 1882:20), *Sciapteron*  
 P *Paranthrene tabaniformis synagriformis* (RAMBUR [1866]:148), *Sesia*  
 var. *intermedia* LE CERF 1916a:16
- N,NL *Paranthrene asilipennis* (GUERIN-MENEVILLE [1832]: pl. 84: Fig. 3), *Sesia*  
*denudatum* (HARRIS 1839:310), *Trochilium*  
*bombyciformis* (WALKER 1856:61), *Tarsa*  
*vespipenne* (HERRICH-SCHÄFFER 1854:57), *Trochilium*  
*championi* (DRUCE 1883:29), *Sphecia*
- N *Paranthrene dollii* (NEUMOEGEN 1894:330), *Sciapteron*  
 var. *castaneum* (BEUTENMÜLLER 1897:213), *Sciapteron*  
 f. *fasciventris* ENGELHARDT 1946:142
- N,NL *Paranthrene fenestrata* BARNES & LINDSEY 1922:122
- N *Paranthrene pellucida* GREENFIELD & KARANDINOS 1979:499
- N,NL *Paranthrene robiniae* (EDWARDS 1880:72), *Sciapteron*  
*perlucida* (BUSCK 1915a:80), *Memythrus*  
 f. *palescens* ENGELHARDT 1946:144
- N *Paranthrene simulans* (GROTE 1881:78), *Trochilium*  
*palmii* (EDWARDS 1887:145), *Fatua*  
*luggeri* (EDWARDS 1891:108), *Trochilium*
- NL *Paranthrene dolens* (DRUCE 1899:205), *Melittia*
- NL *Paranthrene karli* EICHLIN 1989:179
- NL *Paranthrene rufocarpus* EICHLIN 1989:178
- E *Paranthrene africana* (LE CERF 1917:325), *Albuna*
- E *Paranthrene anthrax* LE CERF 1916b:11
- E *Paranthrene chalcoclora* HAMPSON 1919:101
- E *Paranthrene cuprescens* HAMPSON 1919:106
- E *Paranthrene dybowskii* (LE CERF 1917:324), *Albuna*
- E *Paranthrene lodimana* (STRAND 1918:46), *Sciapteron*
- E *Paranthrene pythes* (DRUCE 1899:204), *Aegeria*
- E *Paranthrene mesothyris* HAMPSON 1919:107
- E *Paranthrene propyria* HAMPSON 1919:101
- E *Paranthrene thalassina* HAMPSON 1919:101
- E *Paranthrene xanthopyga* HAMPSON 1919:101
- E *Paranthrene xanthosoma* (HAMPSON 1910a:154), *Sciapteron*
- O *Paranthrene actinidiae* YANG & WANG 1989b:234
- O *Paranthrene affinis* ROTHSCHILD 1911:46
- O *Paranthrene aureoviridis* PETERSEN 2001:704
- O *Paranthrene auricollum* (HAMPSON [1893a]:198), *Adixoa*
- O *Paranthrene aurifera* HAMPSON 1919:105
- O *Paranthrene cambodialis* (WALKER [1865]:15), *Sannina*
- O *Paranthrene chrysochloris* (HAMPSON 1897:283), *Trilochana*  
*metallicum* (VAN EECKE 1915:276), *Sciapteron* [nec *Sciapteron metallicum* HAMPSON 1893]; junior primary  
 homonym of *Sciapteron metallicum* HAMPSON [1893]
- O *Paranthrene cupreivitta* (HAMPSON [1893a]:193), *Sciapteron*
- O *Paranthrene cyanogama* MEYRICK 1930b:584
- O *Paranthrene cyanopis* DURRANT 1915:166
- O *Paranthrene dohertyi* (ROTHSCHILD 1911:47), *Ichneumenoptera*
- O *Paranthrene gracilis* (SWINHOE 1890:168), *Sciapteron*
- O *Paranthrene henrici* LE CERF 1916b:10
- O *Paranthrene hyalochrysa* DIAKONOFF 1954:190
- O *Paranthrene javana* LE CERF 1916b:10
- O *Paranthrene leucocera* HAMPSON 1919:107
- O *Paranthrene meeki* (DRUCE 1898:207), *Sciapteron*  
*meeci* HAMPSON 1919:108; incorrect emendation
- O *Paranthrene metallica* (HAMPSON [1893a]:193), *Sciapteron* [nec *Sciapteron metallicum* VAN EECKE  
 1915]
- O *Paranthrene metaxantha* HAMPSON 1919:109
- O *Paranthrene microthyris* HAMPSON 1919:108
- O *Paranthrene minuta* (SWINHOE 1890:171), *Pramila*

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- O *Paranthrene noblei* (SWINHOE 1890:166), *Sciapteron jucunda* (SWINHOE 1890:167), *Sciapteron*
- O *Paranthrene oberthueri* LE CERF 1916b:10  
*lecerfi* HAMPSON 1919:109; unnecessary replacement name for *Paranthrene oberthueri* LE CERF 1916
- O *Paranthrene panorpaeformis* (BOISDUVAL [1875]:393), *Sesia*
- O *Paranthrene poecilcephala* DIAKONOFF [1968]:232
- O *Paranthrene pulchripennis* (WALKER 1862:82), *Sannina ambigua* (SNELLEN 1900:36), *Melittia andamana* LE CERF 1916b:10
- O *Paranthrene rufifinis* (WALKER 1862:82), *Sannina celebica* LE CERF 1916b:10
- O *Paranthrene semidiaphana* ZUKOWSKY 1929b:36
- O *Paranthrene sesiiformis* MOORE 1858:285
- O *Paranthrene tristis* LE CERF 1917:261
- O *Paranthrene zoneiventris* LE CERF 1916b:10
- O *Paranthrene zygophora* HAMPSON 1919:109
- Pseudosesia* FELDER 1861:28 [*Pseudosesia insularis* FELDER 1861, by monotypy]
- O *Pseudosesia albifrons* (HAMPSON 1919:103), *Paranthrene*
- O *Pseudosesia caeruleimicans* (HAMPSON [1893a]:192), *Sciapteron*
- O *Pseudosesia canarensis* (HAMPSON 1919:103), *Paranthrene*
- O *Pseudosesia charlesi* (LE CERF 1916b:10), *Paranthrene*
- O *Pseudosesia croconeura* (MEYRICK 1926:267), *Paranthrene*
- O *Pseudosesia flavifrons* (HAMPSON 1919:103), *Paranthrene*
- O *Pseudosesia grotei* MOORE 1879a:414
- O *Pseudosesia insularis* FELDER 1861:28
- O *Pseudosesia limpida* (LE CERF 1916b:10), *Paranthrene*
- O *Pseudosesia opalescens* (HAMPSON 1919:104), *Paranthrene*
- O *Pseudosesia pentazonata* (HAMPSON 1919:102), *Paranthrene*
- O *Pseudosesia productalis* (WALKER [1865]:19), *Melittia*
- O *Pseudosesia rangoonensis* (SWINHOE 1890:165), *Aegeria*
- A *Pseudosesia isozona* (MEYRICK 1887:689), *Sesia*
- A *Pseudosesia oberthueri* (LE CERF 1916b:10), *Phlogothauma terribile* (TURNER 1917:81), *Sciapteron*
- A *Pseudosesia zoniota* (TURNER 1922:62), *Paranthrene*
- Albuna* EDWARDS 1881:186 [*Aegeria hylotomiformis* WALKER 1856 (= *Aegeria pyramidalis* WALKER 1856), original designation]
- Harmonia* EDWARDS 1882a:54 [*Harmonia morrisoni* EDWARDS 1882 (= *Carmenta fraxini* EDWARDS 1881), subsequent designation by KIRBY in RYE 1883:184]; preoccupied by MULSANT 1846 (Coleoptera), HASWELL 1879 (Crustacea), and HARTMANN 1881 (Mollusca)
- Parharmonia* BEUTENMÜLLER 1894a:89 [*Harmonia morrisoni* EDWARDS 1882 (= *Carmenta fraxini* EDWARDS 1881), subsequent designation by KIRBY in RYE 1883:184]; replacement name for *Harmonia* EDWARDS 1882
- N *Albuna fraxini* (EDWARDS 1881:185), *Carmenta morrisoni* (EDWARDS 1882a:55), *Harmonia* f. *vitriosa* ENGELHARDT 1946:169
- N *Albuna pyramidalis* (WALKER 1856:40), *Aegeria hylotomiformis* (WALKER 1856:43), *Aegeria nomadaepennis* (BOISDUVAL 1869:63), *Sesia vancouverensis* EDWARDS 1881:188  
*tanaceti* EDWARDS 1881:188  
*montana* EDWARDS 1881:188  
*torva* EDWARDS 1881:189  
*coloradensis* EDWARDS 1881:189  
*rubescens* (HULST 1881:76), *Sesia beutenmuelleri* SKINNER 1903:126
- NL *Albuna bicaudata* EICHLIN 1989:192
- NL *Albuna polybiaformis* EICHLIN 1989:190
- NL *Albuna rufibasilaris* EICHLIN 1989:191
- Euhagena* EDWARDS 1881:180 [*Euhagena nebraskae* EDWARDS 1881, by monotypy]
- Larunda* EDWARDS 1881:182 [*Larunda solituda* EDWARDS 1881 (= *Aegeria emphytiformis* WALKER 1856), by monotypy]; preoccupied by LEACH 1815 (Crustacea), and HÜBNER [1823] (Geometridae)
- Gaea* BEUTENMÜLLER 1896:115 [*Larunda solituda* EDWARDS 1881 (= *Aegeria emphytiformis* WALKER 1856), by monotypy]; replacement name for *Larunda* EDWARDS 1881
- P *Euhagena paralariformis paralariformis* (LEDERER 1858:141), *Sesia*

- Euhagena palarifformis palarifformis* (LEDERER 1858)  
*diocriiformis* (ROMANOFF 1884:74), *Sesia*  
 var. *rubrescens* (STAUDINGER 1887b:29), *Sesia*  
*almana* (REBEL 1917:275), *Sesia*  
*Euhagena palarifformis nazir* (LE CERF 1938:103), *Dipsosphecia*  
 f. *rubeifactor* (LE CERF 1938:103), *Dipsosphecia*
- N,NL *Euhagena emphytiformis* (WALKER 1856:43), *Aegeria* [nec *Sesia emphytiformis* HERRICH-SCHÄFFER 1846]  
*solituda* (EDWARDS 1881:182), *Larunda*
- N,NL *Euhagena nebraskae* EDWARDS 1881:181  
*coloradensis* (BEUTENMÜLLER 1893:25), *Pyrrhotaenia*  
 f. *mormoni* ENGELHARDT 1946:171  
 f. *intensa* ENGELHARDT 1946:172
- E *Euhagena callipleura* MEYRICK 1932:338  
 - species incertae sedis (excluded from *Euhagena* hereby)
- O *Euhagena leucozona* (HAMPSON 1919:63), *Gaea*  
 O *Euhagena variegata* (WALKER [1865]:24), *Tinthia*
- Sincara* WALKER 1856:61 [*Sincara eumeniformis* WALKER 1856, by monotypy]  
 NL *Sincara eumeniformis* WALKER 1856:62  
*Tirista* WALKER [1865]:22 [*Tirista argentifrons* WALKER 1865, by monotypy]  
 NL *Tirista argentifrons* WALKER [1865]:22  
 NL *Tirista praxila* DRUCE 1896:325
- Sura* WALKER 1856:65 [*Sura xylocopiformis* WALKER 1856, by monotypy]  
 E *Sura bicolor* LE CERF 1917:271  
*xylocopiformis* LE CERF 1916b:11 [nec *Sura xylocopiformis* WALKER 1856]; junior primary homonym of *Sura xylocopiformis* WALKER 1856
- E *Sura ellenbergeri* (LE CERF 1917:319), *Episannina*  
 E *Sura griveaudi* VIETTE 1982:50  
 E *Sura lampadura* MEYRICK 1935:558  
 E *Sura melanochalcia* (LE CERF 1917:319), *Episannina*  
 E *Sura pyrocera* HAMPSON 1919:98  
 E *Sura ruficauda* (ROTHSCHILD 1911:46), *Aegeria*  
 E *Sura rufitibia* HAMPSON 1919:98  
 E *Sura xylocopiformis* WALKER 1856:65 [nec *Sura xylocopiformis* LE CERF 1916]  
 O *Sura chalybea* BUTLER 1876:309  
*coeruleonitens* (ROTHSCHILD 1912:122), *Sphecia*
- O *Sura cyanea* HAMPSON 1919:99  
 O *Sura ignicauda* (HAMPSON [1893a]:191), *Trilochana*  
 O *Sura phoenicia* HAMPSON 1919:99  
 O *Sura pryeri* DRUCE 1882:15, *Sara* [sic]  
 O *Sura uncariæ* SCHNEIDER 1940:116

### Synanthedonini NICULESCU 1964:34 [*Synanthedon* HÜBNER [1819]]

*Thamnospheciini* KRÁLÍČEK & POVOLNÝ 1977:103 [*Thamnosphesia* SPULER 1910]

- Synanthedon* HÜBNER [1819]:129<sup>6</sup> [*Sphinx oestriformis* ROTTEMBURG 1775 (= *Sphinx vespiformis* LINNAEUS 1761), subsequent designation by NEWMAN in WESTWOOD 1840:89]  
*Conopia* HÜBNER [1819]:129 [*Sphinx stomoxiformis* HÜBNER 1790 {incorrect type species: *Sphinx culiciformis* LINNAEUS 1758 (NEWMAN in WESTWOOD 1840:89), not originally included in *Conopia* and not linked with one of the originally included nominal species}, subsequent designation by BARTEL 1912:376]  
*Aegeria* auct. (sensu CURTIS 1825:53) [nec *Aegeria* [FABRICIUS in ILLIGER] 1807] [*Sphinx culiciformis* LINNAEUS 1758]  
*Pyrrhotaenia* GROTE 1875:174 [*Aegeria floridensis* GROTE 1875 (= *Aegeria sapygaeformis* WALKER 1856), by monotypy]  
*Vespa mima* BEUTENMÜLLER 1894a:87 [*Bembecia sequoiae* EDWARDS 1881, original designation]  
*Sanninoidea* BEUTENMÜLLER 1896:126 [*Aegeria exitiosa* SAY 1823, subsequent designation by BEUTENMÜLLER 1901:266]  
*Thamnosphesia* SPULER 1910:308 [*Sphinx culiciformis* LINNAEUS 1758, original designation]  
*Ramosia* ENGELHARDT 1946:22 [*Sesia bibionipennis* BOISDUVAL 1869, original designation]  
*Sylvora* ENGELHARDT 1946:77 [*Trochilium acerni* CLEMENS 1860, original designation]  
*Tipulia* KRÁLÍČEK & POVOLNÝ 1977:82 [[*Sphinx*] *tipuliformis* CLERCK 1759, original designation]
- P *Synanthedon andrenaeformis* (LASPEYRES 1801:20), *Sesia*  
*Synanthedon andrenaeformis andrenaeformis* (LASPEYRES 1801)

<sup>6</sup>) gender is feminine, see FLASCHKA (1996)!

- andraeniformis* (WESTWOOD 1843:40), *Trochilium*; incorrect emendation  
*andreniformis* (STAUDINGER 1861:17), *Sesia*; incorrect emendation  
*anthraciniformis* (ESPER 1800:29), *Sphinx*; rejected name (Opinion Nr. 1287 ICZN)  
*allantiformis* (NEWMAN 1832b:79), *Trochilium*  
*monedulaeformis* VORBRODT 1914:434  
*perigordensis* GARREVOET & VANHOLDER 1996:141  
*anthraciformis* (ESPER 1800: pl. 44: fig. 1-2), *Sphinx*; incorrect original spelling (unavailable)  
*oxibeliformis* (BOISDUVAL 1840:42), *Sesia*; nomen nudum  
v. *monedulaeformis* (BOISDUVAL 1840:43)<sup>7</sup>, *Sesia*; nomen nudum  
*Synanthedon andrenaeformis tenuicingulata* ŠPATENKA 1997b:44
- P *Synanthedon armeniaca* GORBUNOV 1991a:128  
P *Synanthedon bicingulata* (STAUDINGER 1887c:165), *Sesia*  
P *Synanthedon castanevora* YANG & WANG 1989b:229  
P *Synanthedon caucasica* GORBUNOV 1986:938  
P *Synanthedon cephiiformis* (OCHSENHEIMER 1808:169), *Sesia*  
*gaderensis* (KRÁLÍČEK & POVOLNÝ 1977:83), *Aegeria*  
ab. *fumosa* SCHÜTZE 1919:120; infrasubspecific (unavailable)  
*laspeyres* (HEPPNER & DUCKWORTH 1981:29)<sup>8</sup>, *Sesia*; unavailable by publication in synonymy
- P *Synanthedon cerskisi* GORBUNOV 1994d:307  
P *Synanthedon codeti* (OBERTHÜR 1881:67), *Sesia*  
*puigi* (OBERTHÜR 1881:67), *Sesia*  
*inversa* LE CERF 1916a:16  
*kabylaria* LE CERF 1916a:16  
var. *maroccana* LE CERF 1920:543  
var. *almohades* LE CERF 1920:544  
*ferdinandi* RUNGS 1972:671  
ab. *atavus* LE CERF 1920:542; infrasubspecific (unavailable)
- P *Synanthedon colchidensis* ŠPATENKA & GORBUNOV 1992:382  
P *Synanthedon conopiformis* (ESPER 1782: pl. 31: fig. 1-2<sup>9</sup>), *Sphinx*  
*syrphiformis* (HÜBNER 1796: pl. 8: fig. 50), *Sphinx*  
*nomadaeformis* (LASPEYRES 1801:27), *Sesia* [nec *Sphinx nomadaeformis* HÜBNER [1806]]  
var. *lucasi* DALLA TORRE & STRAND 1925:18  
ab. *lucasi* LE CERF 1922b:19; infrasubspecific (unavailable)
- P *Synanthedon cruciati* BETTAG & BLÄSIUS 2002:5  
P,N *Synanthedon culiciformis* (LINNAEUS 1758:493), *Sphinx*  
*culex* (RETZIUS 1783:33), *Sphinx*; incorrect emendation  
var. *americana* (BEUTENMÜLLER 1896:136), *Sesia*  
*lutescens* (MOSLEY 1896:20), *Aegeria*  
var. *biannulata* DALLA TORRE & STRAND 1925:22  
ab. *bianulata* (BARTEL 1902:317), *Sesia*; infrasubspecific (unavailable)  
ab. *flavocingulata* (SPULER 1910:311), *Trochilium*; infrasubspecific (unavailable)  
ab. *triannulata* (SPULER 1910:311), *Trochilium*; infrasubspecific (unavailable)  
ab. *albocingulata* (COCKAYNE 1955:3), *Aegeria*; infrasubspecific (unavailable)
- P *Synanthedon esperi* ŠPATENKA & ARITA 1992:95  
P *Synanthedon flaviventris* (STAUDINGER 1883:177), *Sesia*  
ab. *fulva* TURNER 1928:165; infrasubspecific (unavailable)
- P *Synanthedon formicaeformis* (ESPER 1783:216), *Sphinx*  
*formiciformis* (STAUDINGER 1856:146), *Sesia*; incorrect emendation  
*tenthrediniformis* (ESPER 1782: pl. 30: fig. 3), *Sphinx* [nec *Sphinx tenthrediniformis* [DENIS & SCHIFFERMÜLLER] 1775]; junior primary homonym of *Sphinx tenthrediniformis* [DENIS & SCHIFFERMÜLLER] 1775  
*nomadaeformis* (HÜBNER [1803-1806]: pl. 19: fig. 90), *Sphinx* [nec *Sesia nomadaeformis* LASPEYRES 1801]; junior secondary homonym of *Sesia nomadaeformis* LASPEYRES 1801  
f. *duplex* SCHNAIDER 1942:111  
*herzi* ŠPATENKA & GORBUNOV 1992:378  
ab. *uniformis* (MARQUARDT 1959:196), *Sesia* [nec *Sesia uniformis* SNELLEN 1900]; infrasubspecific (unavailable)  
*flammeus* ([HAWORTH] 1802:6), *Sesia*; nomen nudum
- P *Synanthedon fukuzumii* ŠPATENKA & ARITA 1992:103  
P *Synanthedon geranii* KALLIES 1997:60  
P *Synanthedon haitangvora* YANG 1977:123  
P *Synanthedon hector* (BUTLER 1878:60), *Aegeria*

<sup>7</sup>) erroneously assigned to *C. anthraciformis* (RAMBUR 1832) instead of *S. andrenaeformis* (LASPEYRES 1801) [Syn.: *anthraciformis* (ESPER 1800) = *anthraciniformis* (ESPER 1800)] by HEPPNER & DUCKWORTH (1981)

<sup>8</sup>) "*Laspeyres* fig. 7, 8 ist gut" (HERRICH-SCHÄFFER 1852:49) means "fig. 7, 8 of *Laspeyres* is good" and applies not to a taxon, but to the author!

<sup>9</sup>) text: ESPER 1783:213

- P *Synanthedon hippophae* XU 1997a:77
- P *Synanthedon hongye* YANG 1977:122
- P *Synanthedon loranthi* (KRÁLÍČEK 1966:231), *Aegeria cryptica* (KRÁLÍČEK & POVOLNÝ 1977:85), *Aegeria*
- P *Synanthedon martjanovi* SHELJUZHKO 1918:104
- P *Synanthedon melliniformis* (LASPEYRES 1801:19), *Sesia dioctriaeformis* (MEIGEN 1830:122), *Setia* [sic] *mimus* LE CERF 1922b:17 *danubica* (KRÁLÍČEK 1975:1), *Aegeria croaticus* KRANJCEV 1979:27
- P *Synanthedon mesiaeformis* (HERRICH-SCHÄFFER 1846:65, 74), *Sesia mesiiiformis* (STAUDINGER 1856:200), *Sesia*; incorrect emendation *masariformis* (MEIGEN 1830:120), *Setia* [nec *Sesia masariformis* OCHSENHEIMER 1808]
- P *Synanthedon moupinicola* STRAND 1925:30
- P *Synanthedon multitarso* ŠPATENKA & ARITA 1992:96
- P *Synanthedon myopaeformis* (BORKHAUSEN 1789:169), *Sphinx*  
*Synanthedon myopaeformis myopaeformis* (BORKHAUSEN 1789)  
*myopiformis* (STAUDINGER 1856:204), *Sesia*; incorrect emendation  
*zonata* (DONOVAN 1797:35, pl. 195), *Sphinx* [nec *Sphinx zonata* DRURY 1770]  
*mutillaeformis* (LASPEYRES 1801:26), *Sesia*  
*elegans* (LEDERER 1861:150), *Sesia*  
 ab. *bicungulata* (REBEL 1910b:466), *Sesia* [nec *Sesia bicungulata* STAUDINGER 1887]; infrasubspecific (unavailable)  
*Synanthedon myopaeformis typhiaeformis* (BORKHAUSEN 1789:174), *Sphinx*  
*typhiaeformis* (HÜBNER [1806]:87), *Sphinx*; incorrect emendation  
*typhiiformis* (STAUDINGER 1856:146), *Sesia*; incorrect emendation  
*Synanthedon myopaeformis cruentata* (MANN 1859:91), *Sesia*  
 ab. *lugubris* RAGUSA 1923:213; infrasubspecific (unavailable)  
*Synanthedon myopaeformis graeca* (STAUDINGER 1871a<sup>1</sup>:92), *Sesia*  
*Synanthedon myopaeformis luctuosa* (LEDERER 1853:82), *Sesia*  
*mesoreaca* FISCHER & LEWANDOWSKI 2003:299
- P *Synanthedon pamphyla* KALLIES 2003:38
- P *Synanthedon pipiziformis* (LEDERER 1855:195), *Sesia*
- P *Synanthedon polaris* (STAUDINGER 1877:175), *Sesia*  
*rufibasalis* (BARTEL 1906a:190), *Sesia*  
*aurivillii* (LAMPA 1883:127), *Sesia*
- P *Synanthedon producta* (MATSUMURA 1931a:1014), *Conopia* [nec *Aegeria producta* WALKER [1865]]  
*subproducta* INOUE 1982:201; unnecessary replacement name for *Conopia producta* MATSUMURA 1931
- P *Synanthedon pseudoscoliaeformis* ŠPATENKA & ARITA 1992:101
- P *Synanthedon quercus* (MATSUMURA 1911:86), *Sesia*  
*nihonica* BARTEL 1912:388  
*galloisi* (MATSUMURA 1931a:1013), *Conopia*  
*chibensis* (MATSUMURA 1931a:1013), *Conopia*
- P *Synanthedon scoliaeformis* (BORKHAUSEN 1789:173), *Sphinx*  
*Synanthedon scoliaeformis scoliaeformis* (BORKHAUSEN 1789)  
*scoliiiformis* (STAUDINGER 1856:199), *Sesia*; incorrect emendation  
*thynniformis* (LASPEYRES 1801:21), *Sesia*  
*emphytiiformis* (HERRICH-SCHÄFFER 1846:65, 75), *Sesia* [nec *Aegeria emphytiiformis* WALKER 1856]  
*deserta* (STAUDINGER 1887c:166), *Sesia*  
*danieli* CAPUSE 1973a:109  
 f. *aurea* PÜHRINGER 1998:310; infrasubspecific (unavailable)  
 f. *aura* PÜHRINGER 1998:310; infrasubspecific (unavailable)  
*Synanthedon scoliaeformis japonica* ŠPATENKA & ARITA 1992:101
- P *Synanthedon serica* (ALPHERAKY 1882:21), *Sesia*
- P *Synanthedon sodalis* PÜNGELER 1912:383
- P *Synanthedon soffneri* ŠPATENKA 1983:297
- P *Synanthedon spatenkai* GORBUNOV 1991a:125
- P *Synanthedon spheciiformis* ([DENIS & SCHIFFERMÜLLER] 1775:306), *Sphinx*  
*sphegiiformis* (FABRICIUS 1787:99), *Sesia*; incorrect emendation  
*ichneumoniformis* (BORKHAUSEN 1789:131), *Sphinx* [nec *Sphinx ichneumoniformis* [DENIS & SCHIFFERMÜLLER] 1775]; junior primary homonym of *Sphinx ichneumoniformis* [DENIS & SCHIFFERMÜLLER] 1775  
 ab. *triannulata* PAZSICZKY 1941:113; infrasubspecific (unavailable)
- P *Synanthedon spuleri* (FUCHS 1908:33), *Sesia*  
*schwarzi* (KRÁLÍČEK & POVOLNÝ 1977:91), *Aegeria*
- P *Synanthedon stomoxiformis* (HÜBNER 1790:93), *Sphinx*  
*Synanthedon stomoxiformis stomoxiformis* (HÜBNER 1790)



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- stomoxyformis* (HÜBNER [1806]:87), *Sphinx*; incorrect emendation  
*culiciformis* (SCOPOLI 1763:188), *Sphinx* [nec *Sphinx culiciformis* LINNAEUS 1758]; misdetermination (unavailable)
- Synanthedon stomoxiformis riefenstahli* ŠPATENKA 1997b:43  
*Synanthedon stomoxiformis amasina* (STAUDINGER 1856:209), *Sesia*  
*Synanthedon stomoxiformis levantina* DE FREINA & LINGENHÖLE 2000:76
- P *Synanthedon syriaca* ŠPATENKA 2001:75  
P *Synanthedon rubiana* KALLIES, PETERSEN & RIEFENSTAHL 1998:57  
P *Synanthedon talischensis* (BARTEL 1906b:169), *Sesia*  
P *Synanthedon tenuis* (BUTLER 1878:60), *Aegeria*  
*chosensis* (MATSUMURA 1931a:1013), *Conopia*  
P *Synanthedon theryi* LE CERF 1916a:16  
*pistarcha* (MEYRICK 1931:50), *Aegeria*
- [N,A] P *Synanthedon tipuliformis* (CLERCK 1759: pl. 9: fig. 1), [*Sphinx*]  
*tipula* (RETZIUS 1783:33), *Sphinx*; incorrect emendation  
*salmachus* (LINNAEUS 1758:493), *Sphinx*; rejected name (Opinion Nr. 1288 ICZN)  
*ophioniformis* (HÜBNER [1808-1813]: pl. 27: fig. 127), *Sphinx*
- P *Synanthedon tosevsii* ŠPATENKA 1987:22  
P *Synanthedon ulmicola* YANG & WANG 1989a:136  
P *Synanthedon unocingulata* BARTEL 1912:383  
P *Synanthedon uralensis* (BARTEL 1906b:169), *Sesia*  
P *Synanthedon velox* (FIXSEN 1887:323), *Sesia*  
P *Synanthedon vespiformis* (LINNAEUS 1761:289), *Sphinx*  
*asiliformis* (ROTTEMBURG 1775:108), *Sphinx* [nec *Sphinx asiliformis* [DENIS & SCHIFFERMÜLLER] 1775]  
*oestriformis* (ROTTEMBURG 1775:109), *Sphinx*  
*cynipiformis* (ESPER 1783:214), *Sphinx*  
*chrysorrhoea* (DONOVAN 1795:21), *Sphinx*  
var. *hadjina* LE CERF 1920:550  
var. *polycincta* DALLA TORRE & STRAND 1925:59  
f. *quadriannulata* SCHNAIDER 1942:110  
f. *rufimarginata* SCHNAIDER 1942:110  
ab. *rufimarginata* (SPULER 1910:310), *Trochilium*; infrasubspecific (unavailable)  
ab. *polycincta* LE CERF 1922b:19; infrasubspecific (unavailable)
- P *Synanthedon yanoi* ŠPATENKA & ARITA 1992:99  
N *Synanthedon acerni* (CLEMENS 1860:14), *Trochilium*  
*acericolum* (GERMADIUS 1874:57), *Trochilium*  
*tepperi* (EDWARDS 1881:203), *Pyrrhotaenia*  
f. (race) *buscki* (ENGELHARDT 1946:79), *Sylvora*
- N *Synanthedon acerrubri* ENGELHARDT 1925a:64  
N *Synanthedon albicornis* (EDWARDS 1881:201), *Aegeria*  
N *Synanthedon alleri* (ENGELHARDT 1946:124), *Thamnosphacia*  
N *Synanthedon arctica* (BEUTENMÜLLER 1900c:208, 377), *Sesia*  
N *Synanthedon arizonensis* (BEUTENMÜLLER 1916:372), *Gaea*  
N *Synanthedon arkansasensis* DUCKWORTH & EICHLIN 1973b:154  
N,NL *Synanthedon bibionipennis* (BOISDUVAL 1869:64), *Sesia*  
*rutilans* (EDWARDS 1881:186), *Albuna*  
*perplexa* (EDWARDS 1881:192), *Aegeria*  
*lupini* (EDWARDS 1881:192), *Aegeria*  
*impropria* (EDWARDS 1881:193), *Aegeria*  
*aureola* (EDWARDS 1881:194), *Aegeria*  
*washingtonia* (EDWARDS 1881:197), *Aegeria*  
*neglecta* (EDWARDS 1881:197), *Aegeria*  
*hemizoniae* (EDWARDS 1881:198), *Aegeria*  
*madariae* (EDWARDS 1881:201), *Aegeria*
- N *Synanthedon bolteri* (EDWARDS 1883:155), *Aegeria*  
N *Synanthedon canadensis* DUCKWORTH & EICHLIN 1973b:157  
N *Synanthedon castaneae* (BUSCK 1913b:102), *Sesia*  
N *Synanthedon chrysidipennis* (BOISDUVAL 1869:64), *Sesia*  
*tacoma* (BEUTENMÜLLER 1898:240), *Sesia*  
f. (race) *wallowa* (ENGELHARDT 1946:30), *Ramosia*
- N *Synanthedon decipiens* (EDWARDS 1881:197), *Aegeria*  
*imperfecta* (EDWARDS 1881:198), *Aegeria*  
*nicotianae* (EDWARDS 1881:202), *Aegeria*  
*rubristigma* (KELLCOTT 1892b:211), *Aegeria*
- N *Synanthedon dominicki* DUCKWORTH & EICHLIN 1973b:158

- N,NL *Synanthedon exitiosa* (SAY 1823:216), *Aegeria*  
*persica* (THOMAS 1824:37), *Apis*  
*pepsidiformis* (HÜBNER [1827-1831]:32), *Paranthrene*  
*xiphiaeformis* (BOISDUVAL [1875]:409), *Sesia*  
*graefi* (EDWARDS 1881:183), *Sciapteron*  
*opalescens* (EDWARDS 1881:199), *Aegeria*  
*pacifica* (RILEY 1891:393), *Sannina*  
var. *fitchii* (EDWARDS 1882a:55), *Aegeria*  
var. *luminosa* (NEUMOEGEN 1894:331), *Sannina*  
var. *edwardsii* (BEUTENMÜLLER 1900b:160), *Sanninoidea*  
var. *barnesii* (BEUTENMÜLLER 1900d:254), *Sanninoidea*
- N *Synanthedon fatifera* HODGES 1963<sup>10</sup>:139
- N *Synanthedon fulvipes* (HARRIS 1839:312), *Aegeria*
- N,NL *Synanthedon geliformis* (WALKER 1856:46), *Aegeria*
- N *Synanthedon helenis* (ENGELHARDT 1946:50), *Carmenta*
- N *Synanthedon kathyae* DUCKWORTH & EICHLIN 1977a:193
- N *Synanthedon mellinipennis* (BOISDUVAL 1836: pl. 14: fig. 12), *Sesia*  
*artemisiae* (EDWARDS 1881:187), *Albuna*  
*seneciodes* (EDWARDS 1881:198), *Aegeria*
- N *Synanthedon novaroensis* (EDWARDS 1881:199), *Aegeria*  
*piceae* (DYAR 1904:106), *Parharmonia*  
*brunneri* (BUSCK 1914:143), *Sesia*
- N *Synanthedon pictipes* (GROTE & ROBINSON 1868:182), *Aegeria*  
*inusitata* (EDWARDS 1881:201), *Aegeria*
- N *Synanthedon pini* (KELLCOTT 1881:5), *Aegeria*
- N,NL *Synanthedon polygoni* (EDWARDS 1881:202), *Pyrrhotaenia*  
*fragariae* (EDWARDS 1881:202), *Pyrrhotaenia*  
*eremocarpi* (EDWARDS 1881:203), *Pyrrhotaenia*  
*achillae* (EDWARDS 1881:203), *Pyrrhotaenia*  
*meadii* (EDWARDS 1881:204), *Pyrrhotaenia*  
*helianthi* (EDWARDS 1881:203), *Pyrrhotaenia*  
*orthocarpi* (EDWARDS 1881:204), *Pyrrhotaenia*  
*behrensii* (EDWARDS 1882c:123), *Pyrrhotaenia*  
*praestans* (EDWARDS 1882b:98), *Aegeria*  
*animosa* (EDWARDS 1883:156), *Pyrrhotaenia*  
*elda* (EDWARDS 1885:49), *Pyrrhotaenia*  
var. *semipraestans* (COCKERELL 1908:329), *Sesia*
- N *Synanthedon proxima* (EDWARDS 1881:201), *Aegeria*  
*modesta* (KELLCOTT 1892a:46), *Albuna* [nec *Aegeria modesta* BUTLER 1874]; junior secondary homonym of  
*Aegeria modesta* BUTLER 1874
- N *Synanthedon pyri* (HARRIS 1830:2), *Aegeria*  
*koebelei* (EDWARDS 1881:196), *Aegeria*
- N *Synanthedon refulgens* (EDWARDS 1881:199), *Aegeria*  
*seminole* (BEUTENMÜLLER 1899b:255), *Sesia*  
*marica* (BEUTENMÜLLER 1899b:254), *Sesia*
- N,NL *Synanthedon resplendens* (EDWARDS 1881:186), *Albuna*
- N *Synanthedon rhododendri* (BEUTENMÜLLER 1909:82), *Sesia*
- N *Synanthedon richardsi* (ENGELHARDT 1946:87), *Conopia*
- N *Synanthedon rileyana* (EDWARDS 1881:187), *Albuna*  
*brunneipennis* (EDWARDS 1881:191), *Aegeria*  
*hyperici* (EDWARDS 1881:195), *Aegeria*  
*austini* (ENGELHARDT 1946:57), *Carmenta*
- N *Synanthedon rubrofascia* (EDWARDS 1881:191), *Aegeria*
- N *Synanthedon sapygaeformis* (WALKER 1856:45), *Aegeria*  
*floridensis* (GROTE 1875:174), *Pyrrhotaenia*
- N *Synanthedon saxifragae* (EDWARDS 1881:190), *Aegeria*  
*henshawii* (EDWARDS 1882a:56), *Aegeria*
- N *Synanthedon scitula* (HARRIS 1839:313), *Aegeria*  
*gallivora* (WESTWOOD 1854:757), *Trochilium*  
*hospes* (WALSH 1867:270), *Trochilium*  
*corusca* (EDWARDS 1881:193), *Aegeria*  
*aemula* (EDWARDS 1883:155), *Aegeria*
- N *Synanthedon sequoiae* (EDWARDS 1881:181), *Bembecia*  
*superba* (EDWARDS 1881:181), *Bembecia*

<sup>10</sup>) title page of issue 5 (December, 1962): "Mailed August 30, 1963".

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- pinorum* (BEHRENS 1889:163), *Aegeria*
- N *Synanthedon sigmoidea* (BEUTENMÜLLER 1897:214), *Sesia*
- N *Synanthedon viburni* ENGELHARDT 1925a:65
- NL *Synanthedon aequalis* (WALKER [1865]:9), *Aegeria*
- NL *Synanthedon apicalis* (WALKER [1865]:8), *Aegeria*
- NL *Synanthedon bosqi* KÖHLER 1941:6
- NL *Synanthedon caeruleifascia* (ROTHSCHILD 1911:47), *Ichneumenoptera*
- NL *Synanthedon caternaulti* STRAND 1925:15
- NL *Synanthedon cerceriformis* (WALKER 1856:49), *Aegeria*
- NL *Synanthedon ceres* (DRUCE 1883:31), *Aegeria*
- NL *Synanthedon cubana* (HERRICH-SCHÄFFER 1866:106), *Sesia*
- NL *Synanthedon dasyproctos* (ZUKOWSKY 1936b:1242), *Conopia*
- NL *Synanthedon drucei* HEPPNER & DUCKWORTH 1981:30; replacement name for *Aegeria peruviana* DRUCE 1911
- peruviana* (DRUCE 1911:292), *Aegeria* [nec *Sanninoidea peruviana* ROTHSCCHILD 1911]; junior secondary homonym of *Sanninoidea peruviana* ROTHSCCHILD 1911
- NL *Synanthedon flavostigma* ZUKOWSKY 1936b:1233
- NL *Synanthedon glyptaeformis* (WALKER 1856:51), *Aegeria*
- NL *Synanthedon haemorrhoidalis* (FABRICIUS 1775:549), *Sesia*
- NL *Synanthedon halmyris* (DRUCE 1889:79), *Aegeria*
- NL *Synanthedon hela* (DRUCE 1889:79), *Aegeria*
- NL *Synanthedon hemigympna* ZUKOWSKY 1936b:1226
- NL *Synanthedon hermione* (DRUCE 1889:79), *Aegeria*
- NL *Synanthedon hippolyte* (DRUCE 1889:80), *Aegeria*
- NL *Synanthedon laticincta* (BURMEISTER 1878:361), *Sesia*
- NL *Synanthedon lecerfi* HEPPNER & DUCKWORTH 1981:31; replacement name for *Synanthedon flavipectus* LE CERF 1916
- flavipectus* LE CERF 1916b:12 [nec *Ichneumenoptera flavipectus* HAMPSON 1910]; junior secondary homonym of *Ichneumenoptera flavipectus* HAMPSON 1910
- NL *Synanthedon lemoulti* LE CERF 1917:316
- NL *Synanthedon mardia* (DRUCE 1892:275), *Aegeria*
- NL *Synanthedon martenii* ZUKOWSKY 1936b:1224
- NL *Synanthedon modesta* (BUTLER 1874:408), *Aegeria*
- NL *Synanthedon myrmosaepennis* (WALKER 1856:46), *Aegeria*
- NL *Synanthedon nannion* BRYK 1953:263
- NL *Synanthedon neotropica* HEPPNER & DUCKWORTH 1981:32; replacement name for *Aegeria flava* EDWARDS 1881
- flava* (EDWARDS 1881:189), *Aegeria* [nec *Aegeria flava* MOORE 1879]; junior primary homonym of *Aegeria flava* MOORE 1879
- NL *Synanthedon opiiformis* (WALKER 1856:51), *Aegeria*
- NL *Synanthedon peltastiformis* (WALKER 1856:52), *Aegeria*
- NL *Synanthedon peruviana* (ROTHSCHILD 1911:47), *Sanninoidea* [sic] [nec *Aegeria peruviana* DRUCE 1911]
- NL *Synanthedon plagiophleps* ZUKOWSKY 1936b:1222
- NL *Synanthedon proserpina* (DRUCE 1883:31), *Aegeria*
- NL *Synanthedon pulchripennis* (WALKER [1865]:6), *Aegeria*
- NL *Synanthedon romani* BRYK 1953:262
- NL *Synanthedon rhyssaeformis* (WALKER 1856:50), *Aegeria*
- NL *Synanthedon santanna* (KAYE 1925:427), *Aegeria*
- NL *Synanthedon scarabitis* (MEYRICK 1921:444), *Sesia*
- NL *Synanthedon sciophilaeformis* (WALKER 1856:49), *Aegeria*
- NL *Synanthedon scythropa* ZUKOWSKY 1936b:1232
- NL *Synanthedon sellustiformis* (DRUCE 1883:30), *Aegeria*
- NL *Synanthedon tetranoma* (MEYRICK 1932:337), *Aegeria*
- NL *Synanthedon tryphoniformis* (WALKER 1856:48), *Aegeria*
- NL *Synanthedon ventralis* (DRUCE 1911:292), *Aegeria*
- NL *Synanthedon xanthonympha* (MEYRICK 1921:443), *Sesia*
- E *Synanthedon aericincta* (MEYRICK 1928:466), *Aegeria*
- E *Synanthedon alenica* (STRAND [1913]:70), *Trochilium*
- E *Synanthedon astyarcha* (MEYRICK 1930b:584), *Aegeria*
- E *Synanthedon aulograptia* (MEYRICK 1934:455), *Aegeria*
- E *Synanthedon auripes* (HAMPSON 1910a:152), *Lepidopoda* [nec *Ichneumenoptera auripes* HAMPSON 1893]

- hampsoni* HEPPNER & DUCKWORTH 1981:31; unnecessary replacement name for *Lepidopoda auripes* HAMPSON 1910
- E *Synanthedon beutenmuelleri* HEPPNER & DUCKWORTH 1981:29; replacement name for *Sesia albiventris* BEUTENMÜLLER 1899  
*albiventris* (BEUTENMÜLLER 1899a:171), *Sesia* [nec *Sesia albiventris* LEDERER 1853; nec *Ichneumenoptera albiventris* LE CERF 1917]; junior primary homonym of *Sesia albiventris* LEDERER 1853
- E *Synanthedon bifenestrata* GAEDE 1929:521
- E *Synanthedon chlorothyris* (MEYRICK 1935:557), *Aegeria*
- E *Synanthedon chrysonympha* (MEYRICK 1932:336), *Aegeria*
- E *Synanthedon citrura* (MEYRICK 1927:371), *Aegeria*
- E *Synanthedon cyanescens* (HAMPSON 1910c:505), *Ichneumenoptera*
- E *Synanthedon cyanospira* (MEYRICK 1928:465), *Aegeria*
- E *Synanthedon dasysceles* BRADLEY 1968:51
- E *Synanthedon erythrogama* (MEYRICK 1934:455), *Aegeria*
- E *Synanthedon erythromma* HAMPSON 1919:60
- E *Synanthedon ethiopica* (HAMPSON 1919:68), *Chamaesphexia*  
*aethiopica* (DALLA TORRE & STRAND 1925:77), *Chamaesphexia*; incorrect emendation
- E *Synanthedon exochiformis* (WALKER 1856:58), *Aegeria*
- E *Synanthedon flavipalpis* (HAMPSON 1910c:505), *Lepidopoda*
- E *Synanthedon flavipectus* (HAMPSON 1910a:155), *Ichneumenoptera* [nec *Synanthedon flavipectus* LE CERF 1916]
- E *Synanthedon gabuna* (BEUTENMÜLLER 1899a:170), *Sesia*
- E *Synanthedon gracilis* (HAMPSON 1910a:155), *Ichneumenoptera*
- E *Synanthedon guineabia* (STRAND [1913]:68), *Aegeria*
- E *Synanthedon hadassa* (MEYRICK 1932:336), *Aegeria*
- E *Synanthedon iris* LE CERF 1916b:12
- E *Synanthedon leptomorpha* (MEYRICK 1931:50), *Aegeria*
- E *Synanthedon leptosceles* BRADLEY 1968:47
- E *Synanthedon leucogaster* (HAMPSON 1919:76), *Conopia*; replacement name for *Ichneumenoptera albiventris* LE CERF 1917  
*albiventris* (LE CERF 1917:318), *Ichneumenoptera* [nec *Sesia albiventris* BEUTENMÜLLER 1899]; junior secondary homonym of *Sesia albiventris* BEUTENMÜLLER 1899
- E *Synanthedon maculiventris* LE CERF 1916b:12
- E *Synanthedon mercatrix* (MEYRICK 1931:50), *Aegeria*
- E *Synanthedon mesochoriformis* (WALKER 1856:56), *Aegeria*
- E *Synanthedon monogama* (MEYRICK 1932:337), *Aegeria*
- E *Synanthedon monozona* (HAMPSON 1910a:156), *Aegeria*
- E *Synanthedon nuba* (BEUTENMÜLLER 1899a:172), *Sesia*
- E *Synanthedon nyanga* (BEUTENMÜLLER 1899a:171), *Sesia*
- E *Synanthedon olenda* (BEUTENMÜLLER 1899a:171), *Sesia*
- E *Synanthedon pauper* (LE CERF 1916b:13), *Sylphidia*
- E *Synanthedon peltata* (MEYRICK 1932:230), *Aegeria*
- E *Synanthedon phaedrostoma* (MEYRICK 1934:455), *Trilochana*
- E *Synanthedon platyuriformis* (WALKER 1856:57), *Aegeria*
- E *Synanthedon pyrethra* (HAMPSON 1910a:154), *Sciapteron*
- E *Synanthedon pyrostoma* (MEYRICK 1927:372), *Aegeria*
- E *Synanthedon rhodia* (DRUCE 1899:203), *Aegeria*
- E *Synanthedon rubripalpis* (MEYRICK 1932:337), *Aegeria*
- E *Synanthedon rubripicta* HAMPSON 1919:61
- E *Synanthedon stenothyris* (MEYRICK 1933:416), *Aegeria*
- E *Synanthedon trithyris* (MEYRICK 1926:266), *Aegeria*
- E *Synanthedon vassei* (LE CERF 1917:337), *Aegeria*
- E *Synanthedon xanthopyga* (AURIVILLIUS 1905:45), *Sesia*
- O *Synanthedon anisozona* (MEYRICK 1918:180), *Sesia*
- O *Synanthedon aurania* (DRUCE 1899:205), *Ceratocorema*
- O *Synanthedon auriplena* (WALKER [1865]:13), *Aegeria*
- O *Synanthedon auritincta* (WILEMAN & SOUTH 1918:169), *Canopia* [nec *Synanthedon auritincta* ENGELHARDT 1925]
- O *Synanthedon calamis* (DRUCE 1899:201), *Aegeria*, spec. rev., comb. nov.
- O *Synanthedon cerulipes* (HAMPSON 1900:43), *Ichneumenoptera*
- O *Synanthedon catalina* MEYRICK 1926:267
- O *Synanthedon chalybea* (WALKER 1862:82), *Aegeria*

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- O *Synanthedon cirrhazona* DIAKONOFF [1968]:222  
O *Synanthedon clavicornis* (WALKER [1865]:14), *Aegeria*  
O *Synanthedon concavifascia* LE CERF 1916b:12  
O *Synanthedon flavicaudata* (MOORE 1887:559), *Aegeria*  
O *Synanthedon flavicincta* (HAMPSON [1893a]:195), *Ichneumenoptera*  
O *Synanthedon flavipalpus* (HAMPSON [1893a]:195), *Ichneumenoptera*  
O *Synanthedon howqua* (MOORE 1877:83), *Aegeria*  
*houqua* (HAMPSON 1919:75), *Conopia*; incorrect emendation  
O *Synanthedon hunanensis* XU & LIU 1992:729  
O *Synanthedon ignifera* (HAMPSON [1893a]:195), *Ichneumenoptera*  
O *Synanthedon javana* LE CERF 1916b:13  
O *Synanthedon kunmingensis* YANG & WANG 1989a:133  
O *Synanthedon laticivora* (MEYRICK 1927:372), *Aegeria*  
O *Synanthedon leucocyanea* ZUKOWSKY 1929b:36  
O *Synanthedon melli* (ZUKOWSKY 1929b:34), *Aegeria*  
O *Synanthedon menglaensis* YANG & WANG 1989a:135  
O *Synanthedon mushana* (MATSUMURA 1931a:1013), *Conopia*  
O *Synanthedon nautica* (MEYRICK 1932:229), *Aegeria*  
O *Synanthedon orientalis* HEPPNER & DUCKWORTH 1981:32; replacement name for *Sesia uncinata*  
HAMPSON 1893  
*uncinata* (HAMPSON [1893a]:196), *Sesia* [nec *Sesia uncinata* HERRICH-SCHÄFFER 1851]; junior primary  
homonym of *Sesia uncinata* HERRICH-SCHÄFFER 1851  
O *Synanthedon pensilis* (SWINHOE 1892:36), *Aegeria*  
O *Synanthedon phasiaeformis* (FELDER 1861:26), *Sesia*  
O *Synanthedon pyrodisca* (HAMPSON 1910b:94), *Aegeria*  
O *Synanthedon rhodothictis* (MEYRICK 1918:179), *Sesia*  
O *Synanthedon sassafras* XU 1997:1  
O *Synanthedon simois* (DRUCE 1899:201), *Aegeria*  
O *Synanthedon sphenodes* DIAKONOFF [1968]:223  
O *Synanthedon subaurata* LE CERF 1916b:11  
O *Synanthedon tenuiventris* LE CERF 1916b:12  
O *Synanthedon uranauges* (MEYRICK 1926:266), *Aegeria*  
O *Synanthedon versicolor* LE CERF 1916b:12  
O *Synanthedon xanthosoma* (HAMPSON [1893a]:195), *Ichneumenoptera*  
O *Synanthedon xanthozonata* (HAMPSON 1895:282), *Sciapteron*  
A *Synanthedon cupreifascia* (MISKIN 1892:58), *Trochilium*  
*Ravitria* GORBUNOV & ARITA 2000a:231 [*Vitraria sotchivkoi* GORBUNOV & ARITA 1999, original  
designation]; replacement name for *Vitraria* GORBUNOV & ARITA 1999  
*Vitraria* GORBUNOV & ARITA 1999a:114 [*Vitraria sotchivkoi* GORBUNOV & ARITA 1999, original designation];  
preoccupied by JORDAN & EVERMANN 1903 (Pisces)  
O *Ravitria aurifasciata* (GORBUNOV & ARITA 1995e:83), *Synanthedon*  
O *Ravitria confusa* (GORBUNOV & ARITA 2000c:89), *Vitraria*  
O *Ravitria pyrosema* (HAMPSON 1919:61), *Synanthedon*  
O *Ravitria sotchivkoi* (GORBUNOV & ARITA 1999a:116), *Vitraria*  
O *Ravitria yunnanensis* GORBUNOV & ARITA 2001a:245  
*Kantipuria* GORBUNOV & ARITA 1999a:120 [*Kantipuria lyu* GORBUNOV & ARITA 1999, original  
designation]  
O *Kantipuria lyu* GORBUNOV & ARITA 1999a:122  
*Kemneriella* BRYK 1947:96 [*Kemneriella malaiseorum* BRYK 1947, original designation]  
O *Kemneriella malaiseorum* BRYK 1947:96  
*Ichneumenoptera* HAMPSON [1893a]:187 (key), 194 [*Ichneumenoptera auripes* HAMPSON [1893],  
original designation]  
O *Ichneumenoptera auripes* (HAMPSON [1893a]:194)  
O *Ichneumenoptera caudata* GORBUNOV & ARITA 1995e:87  
O *Ichneumenoptera daidai* GORBUNOV & ARITA 2000c:103  
*daidaipoda* GORBUNOV & ARITA 2000c:85; incorrect original spelling (unavailable)  
O *Ichneumenoptera duporti* (LE CERF 1927:147), *Synanthedon*  
O *Ichneumenoptera punicea* GORBUNOV & ARITA 2000c:105  
O *Ichneumenoptera vietnamica* GORBUNOV & ARITA 1995e:86  
A *Ichneumenoptera chrysophanes* (MEYRICK 1887:689), *Sesia*  
*panyasis* (DRUCE 1899:201), *Aegeria*  
*caieta* (DRUCE 1899:202), *Aegeria*

- melanocera* (HAMPSON 1919:71), *Conopia*
- A *Ichneumenoptera commoni* (DUCKWORTH & EICHLIN 1974:30), *Carmenta*
- A *Ichneumenoptera xanthogyna* (HAMPSON 1919:54), *Lepidopoda*
- Paranthrenella* STRAND [1916]:47 [*Paranthrene formosicola* STRAND [1916], subsequent designation by FLETCHER 1929:163]
- O *Paranthrenella koshiensis* GORBUNOV & ARITA 1999a:124
- O *Paranthrenella albipuncta* GORBUNOV & ARITA 2000c:97
- O *Paranthrenella formosicola* (STRAND [1916]:47), *Paranthrene*
- O *Paranthrenella similis* GORBUNOV & ARITA 2000c:92
- Anthedonella* GORBUNOV & ARITA 1999a:136 [*Anthedonella polyphaga* GORBUNOV & ARITA 1999, original designation]
- O *Anthedonella flavida* GORBUNOV & ARITA 2000c:101
- O *Anthedonella ignicauda* (HAMPSON 1919:74), *Conopia*
- O *Anthedonella jinghongensis* (YANG & WANG 1989a:134), *Synanthedon*
- O *Anthedonella opalizans* (HAMPSON 1919:74), *Conopia*
- O *Anthedonella polyphaga* GORBUNOV & ARITA 1999a:138
- O *Anthedonella subtilima* (BRYK 1947:108), *Conopia*
- O *Anthedonella theobroma* (BRADLEY 1957:67), *Conopia*
- Schimia* GORBUNOV & ARITA 1999a:127 [*Schimia flavipennis* GORBUNOV & ARITA 1999, original designation]
- O *Schimia flavipennis* GORBUNOV & ARITA 1999a:129
- O *Schimia flava* (MOORE 1879b:8), *Aegeria* [nec *Aegeria flava* EDWARDS 1881]
- O *Schimia tanakai* GORBUNOV & ARITA 2000c:99
- Uncothedon* GORBUNOV & ARITA 1999a:132 [*Synanthedon nepalense* ARITA & GORBUNOV 1995, original designation]
- O *Uncothedon nepalensis* (ARITA & GORBUNOV 1995a:205), *Synanthedon*
- O *Uncothedon aurifera* (HAMPSON 1919:73), *Conopia*
- O *Uncothedon pentazona* (MEYRICK 1918:180), *Sesia*
- Palmia* BEUTENMÜLLER 1896:123 [*Sciapteron praecedens* EDWARDS 1883, original designation]
- N *Palmia praecedens* (EDWARDS 1883:155), *Sciapteron*
- Podosesia* MÖSCHLER 1879:246 [*Grotea longipes* MÖSCHLER 1876 (= *Aegeria syringae* HARRIS 1839), by monotypy]; replacement name for *Grotea* MÖSCHLER 1876
- Grotea* MÖSCHLER 1876:312 [*Grotea longipes* MÖSCHLER 1876, by monotypy]; preoccupied by CRESSON 1864 (Hymenoptera)
- N *Podosesia aureocincta* PURRINGTON & NIELSEN 1977:906
- N *Podosesia syringae* (HARRIS 1839:311), *Aegeria*
- longipes* (MÖSCHLER 1876:313), *Grotea*
- denudatum* (OSBORN 1881:108), *Aegeria*
- fraxini* (LUGGER 1891:109), *Trochilium*
- E *Podosesia surodes* HAMPSON 1919:63
- Sannina* WALKER 1856:63 [*Sannina uroceriformis* WALKER 1856, by monotypy]
- Sospita* EDWARDS 1882a:57 [*Aegeria quinquecaudata* RIDINGS 1862 (= *Sannina uroceriformis* WALKER 1856), original designation]; preoccupied by RAFINESQUE 1815 (Ctenophora), and MULSANT 1846 (Coleoptera)
- Phemonoe* EDWARDS 1882b:97 [*Aegeria quinquecaudata* RIDINGS 1862 (= *Sannina uroceriformis* WALKER 1856), original designation]; preoccupied by REICHENBACH 1854 (Aves); replacement name for *Sospita* EDWARDS 1882
- N *Sannina uroceriformis* WALKER 1856:64
- quinquecaudata* (RIDINGS 1862:277), *Aegeria*
- uroceripennis* (BOISDUVAL [1875]:465), *Saunina*
- Nyctaegeria* LE CERF 1914c:336 [*Nyctaegeria rohani* LE CERF 1914, by monotypy]
- E *Nyctaegeria nobilis* (DRUCE 1910a:401), *Aegeria*
- rohani* LE CERF 1914c:336
- Carmenta* EDWARDS 1881:184 [*Aegeria pyralidiformis* WALKER 1856, original designation]
- Rhipidura* PHILIPPI 1859:1095 [*Rhipidura aurora* PHILIPPI 1859, by monotypy]; preoccupied by VIGORS & HORSFIELD 1827 (Aves)
- Parasesia* LE CERF 1916b:11 [*Parasesia cristallina* LE CERF 1916, by monotypy]
- Teleosphacia* LE CERF 1916b:11 [*Teleosphacia bibio* LE CERF 1916, by monotypy]
- Rhipidurina* NAUMANN 1971:25 [*Rhipidura aurora* PHILIPPI 1859, by monotypy]; replacement name for *Rhipidura* PHILIPPI 1859
- N,NL *Carmenta albociliata* (ENGELHARDT 1925c:215), *Synanthedon*
- N *Carmenta anthracipennis* (BOISDUVAL [1875]:392), *Sesia*
- sanborni* EDWARDS 1881:185

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- morula* (EDWARDS 1881:196), *Aegeria*
- N *Carmenta apache* ENGELHARDT 1946:54
- N *Carmenta arizonae* (BEUTENMÜLLER 1898:240), *Sesia*
- N,NL *Carmenta armasata* (DRUCE 1892:275), *Aegeria*
- N *Carmenta auritincta* (ENGELHARDT 1925c:216), *Synanthedon* [nec *Canopia auritincta* WILEMAN & SOUTH 1918]
- N *Carmenta bassiformis* (WALKER 1856:39), *Aegeria*  
*lustrans* (GROTE 1880:213), *Trochilium*  
*aureopurpura* (EDWARDS 1880:72), *Aegeria*  
*bolli* (EDWARDS 1881:191), *Aegeria*  
*sexfasciata* (EDWARDS 1881:193), *Aegeria*  
*consimilis* (EDWARDS 1881:194), *Aegeria*  
*eupatorii* (EDWARDS 1881:195), *Aegeria*  
*imitata* (EDWARDS 1881:196), *Aegeria*
- N *Carmenta corni* (EDWARDS 1881:190), *Aegeria*  
*infirma* (EDWARDS 1881:195), *Aegeria*
- N,NL *Carmenta engelhardti* DUCKWORTH & EICHLIN 1973b:158
- N *Carmenta flaschkai* EICHLIN 1993:265
- N,NL *Carmenta giliae* (EDWARDS 1881:200), *Aegeria*  
*vitrina* (NEUMOEGEN 1891:109), *Albuna*  
*deceptiva* (BEUTENMÜLLER 1894a:93), *Aegeria*  
f. (race) *woodgatei* ENGELHARDT 1946:61
- [A] N,NL *Carmenta ithacae* (BEUTENMÜLLER 1897:215), *Sesia*
- N *Carmenta laurelae* BROWN, EICHLIN & SNOW 1985:262
- N,NL *Carmenta mariona* (BEUTENMÜLLER 1900d:254), *Sesia*
- N,NL *Carmenta mimuli* (EDWARDS 1881:200), *Aegeria*  
*torrancia* ENGELHARDT 1946:56
- N *Carmenta odda* DUCKWORTH & EICHLIN 1977a:195
- N *Carmenta ogalala* ENGELHARDT 1946:73
- N,NL *Carmenta pallene* (DRUCE 1889:80), *Aegeria*
- N *Carmenta phoradendri* ENGELHARDT 1946:51
- N,NL *Carmenta prosopis* (EDWARDS 1882b:99), *Aegeria*
- N *Carmenta pyralidiformis* (WALKER 1856:44), *Aegeria*  
*nigella* (HULST 1881:75), *Sesia*  
var. *aurantis* ENGELHARDT 1946:47
- N *Carmenta querci* (EDWARDS 1882b:98), *Aegeria*  
*comes* (HEINRICH 1921:79), *Podosesia*
- N,NL *Carmenta rubricincta* (BEUTENMÜLLER 1909:84), *Sesia*
- N *Carmenta subaerea* (EDWARDS 1883:156), *Pyrrhotaenia*
- N *Carmenta suffusata* ENGELHARDT 1946:74
- N *Carmenta tecta* (EDWARDS 1882a:56), *Aegeria*
- N *Carmenta texana* (EDWARDS 1881:204), *Pyrrhotaenia*  
*wittfeldii* (EDWARDS 1883:156), *Pyrrhotaenia*
- N,NL *Carmenta tildeni* EICHLIN 1995b:114
- N *Carmenta verecunda* (EDWARDS 1881:190), *Aegeria*  
*nigra* BEUTENMÜLLER 1894a:95  
*florissantella* (COCKERELL 1908:330), *Sesia*  
*hirsuta* (ENGELHARDT 1946:172), *Euhagena*
- N *Carmenta welchellorum* DUCKWORTH & EICHLIN 1977b:175
- N,NL *Carmenta wellerae* DUCKWORTH & EICHLIN 1976:304
- N *Carmenta wielgusi* EICHLIN 1987:533
- NL *Carmenta aerosa* (ZUKOWSKY 1936b:1236), *Synanthedon*
- NL *Carmenta albicalcarata* (BURMEISTER 1878:361), *Sesia*
- NL *Carmenta alopecura* (ZUKOWSKY 1937:1258), *Sincara*
- NL *Carmenta andrewsi* EICHLIN 1992:145
- NL *Carmenta angarodes* (MEYRICK 1921:443), *Sesia*  
*semitrista* (ZUKOWSKY 1936b:1236), *Synanthedon*
- NL *Carmenta anomaliformis* (WALKER 1856:47), *Aegeria*
- NL *Carmenta asema* (ZUKOWSKY 1936b:1219), *Synanthedon*
- NL *Carmenta aurora* (PHILIPPI 1859:1096), *Rhipidura*  
*rufa* (BUTLER 1883:58), *Aegeria*  
*erasmia* (ZUKOWSKY 1950:23), *Gaea*  
*coquimbensis* (URETA 1956:265), *Synanthedon*
- NL *Carmenta autremonti* (LE CERF 1917:312), *Synanthedon*

- NL *Carmenta basalis* (WALKER [1865]:5), *Aegeria*  
 NL *Carmenta benoisti* (LE CERF 1917:299), *Synanthedon*  
 NL *Carmenta bibio* (LE CERF 1916b:11), *Teleosphacia*  
 NL *Carmenta blaciformis* (WALKER 1856:55), *Aegeria*  
 NL *Carmenta buprestiformis* (WALKER 1856:47), *Aegeria*  
 NL *Carmenta ceraca* (DRUCE 1893:280), *Aegeria*  
 NL *Carmenta chrysmelaena* (LE CERF 1916b:11), *Pyropteron*  
 NL *Carmenta coccidivora* (DUCKWORTH 1969:487), *Synanthedon*  
 NL *Carmenta confusa* (BUTLER 1874:409), *Aegeria*  
 NL *Carmenta crassicornis* (WALKER [1865]:7), *Aegeria*  
 NL *Carmenta cristallina* (LE CERF 1916b:11), *Parasesia*  
 NL *Carmenta daturae* (BUSCK 1920:83), *Parharmonia*  
 NL *Carmenta deceptura* (BUTLER 1874:409), *Aegeria*  
 NL *Carmenta deipyla* (DRUCE 1883:30), *Aegeria*  
 NL *Carmenta dimorpha* (LE CERF 1916b:12), *Synanthedon*  
 NL *Carmenta dinetiformis* (WALKER 1856:48), *Aegeria*  
 NL *Carmenta erici* (EICHLIN 1992:147)  
 NL *Carmenta flavostrigata* (LE CERF 1917:298), *Synanthedon*  
 NL *Carmenta foraseminis* EICHLIN 1995a:39  
 NL *Carmenta fulvopyga* (LE CERF 1911c:301), *Sesia*  
 NL *Carmenta germani* (LE CERF 1916b:12), *Synanthedon*  
 NL *Carmenta guatemalena* (DRUCE 1883:31), *Aegeria*  
     *melini* (BRYK 1953:262), *Synanthedon*  
 NL *Carmenta guayaba* EICHLIN 2003b:44  
 NL *Carmenta guyanensis* (LE CERF 1917:301), *Synanthedon*  
     var. *clara* (LE CERF 1917:303), *Synanthedon*  
 NL *Carmenta haematica* (URETA 1956:266), *Synanthedon*  
 NL *Carmenta heinrichi* (SCHADE 1938:471), *Synanthedon*  
 NL *Carmenta hipsides* (DRUCE 1889:80), *Aegeria*  
 NL *Carmenta infuscata* (LE CERF 1911c:300), *Sesia*  
 NL *Carmenta ischniformis* (WALKER 1856:53), *Aegeria*  
 NL *Carmenta laeta* (WALKER 1856:59), *Aegeria*  
 NL *Carmenta laticraspedontis* (ZUKOWSKY 1936b:1220), *Synanthedon*  
 NL *Carmenta leptosoma* EICHLIN 2002:7  
 NL *Carmenta lytaea* (DRUCE 1884:33), *Sincara*  
 NL *Carmenta macropyga* (LE CERF 1911c:299), *Sesia*  
 NL *Carmenta maeonia* (DRUCE 1889:81), *Sincara*  
 NL *Carmenta manilia* (DRUCE 1889:82), *Sincara*  
 [A] NL *Carmenta mimosa* EICHLIN & PASSOA 1984:194  
 NL *Carmenta minima* (LE CERF 1916b:12), *Chamaesphacia*  
 NL *Carmenta munroei* EICHLIN 2003a:42  
 NL *Carmenta mydaides* (URETA 1956:263), *Synanthedon*  
 NL *Carmenta panisciformis* (WALKER 1856:55), *Aegeria*  
 NL *Carmenta panurgiformis* (WALKER 1856:54), *Aegeria*  
 NL *Carmenta phyllis* (DRUCE 1884:33), *Sincara*  
 NL *Carmenta pittheis* (DRUCE 1899:203), *Aegeria*  
 NL *Carmenta plaumanni* EICHLIN 2002:12  
 NL *Carmenta plectisciformis* (WALKER 1856:49), *Aegeria*  
 NL *Carmenta porizoniformis* (WALKER 1856:54), *Aegeria*  
 NL *Carmenta producta* (WALKER [1865]:4), *Aegeria* [nec *Conopia producta* MATSUMURA 1931]  
 NL *Carmenta pyrosoma* (MEYRICK 1918:180), *Sesia*  
 NL *Carmenta ruficaudis* (WALKER [1865]:6), *Aegeria*  
 NL *Carmenta splendens* EICHLIN 2002:14  
 NL *Carmenta surinamensis* (MÖSCHLER 1878:631), *Sesia*  
     *corporalis* (MEYRICK 1930a:260), *Aegeria*  
 NL *Carmenta teleta* (LE CERF 1916b:11), *Dipsosphacia*  
 NL *Carmenta theobromae* (BUSCK 1910:242), *Sesia*  
 NL *Carmenta tucumana* (LE CERF 1911c:300), *Sesia*  
 NL *Carmenta unicolor* (WALKER [1865]:9), *Aegeria*  
 NL *Carmenta votaria* (MEYRICK 1921:444), *Sesia*  
 NL *Carmenta wagneri* (LE CERF 1911c:298), *Sesia*  
 NL *Carmenta whitelyi* (DRUCE 1899:204), *Aegeria*



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- NL *Carmenta xanthomelanina* (ZUKOWSKY 1936b:1241), *Conopia*  
 NL *Carmenta xanthoneura* (ZUKOWSKY 1936b:1220), *Synanthedon*  
*Penstemonia* ENGELHARDT 1946:14 [*Aegeria edwardsii* BEUTENMÜLLER 1894, original designation]  
 N *Penstemonia clarkei* ENGELHARDT 1946:18  
 N *Penstemonia dammersi* ENGELHARDT 1946:19  
     *brevifolia* ENGELHARDT 1946:21  
 N *Penstemonia edwardsii* (BEUTENMÜLLER 1894a:92), *Aegeria*  
     *utahensis* (BEUTENMÜLLER 1909:83), *Sesia*  
 N,NL *Penstemonia hennei* ENGELHARDT 1946:16  
 N *Penstemonia pappi* EICHLIN 1987:534  
*Camaegeria* STRAND 1914:48 [*Camaegeria auripicta* STRAND 1914, by monotypy]  
 E *Camaegeria auripicta* STRAND 1914:49  
*Malgassesia* LE CERF 1922b:20 [*Malgassesia rufescens* LE CERF 1922, original designation]  
     *Epitarsipus* LE CERF 1922b:23 [*Epitarsipus rufithorax* LE CERF 1922, original designation]  
 E *Malgassesia ankaratralis* VIETTE 1957:91  
 E *Malgassesia biedermanni* VIETTE 1982:35  
 E *Malgassesia milloti* VIETTE 1982:39  
 E *Malgassesia pauliani* VIETTE [1955]:92  
 E *Malgassesia rufescens* LE CERF 1922b:21  
 E *Malgassesia rufithorax* (LE CERF 1922b:23), *Epitarsipus*  
 E *Malgassesia seyrigi* VIETTE [1955]:91  
*Lophoiceps* HAMPSON 1919:69 [*Lophoiceps abdominalis* HAMPSON 1919, original designation]  
 E *Lophoiceps abdominalis* HAMPSON 1919:69  
 E *Lophoiceps alenicola* (STRAND [1913]:67), *Aegeria*  
 E *Lophoiceps quinquepuncta* HAMPSON 1919:70  
 O *Lophoiceps cyaniris* HAMPSON 1919:70  
 O *Lophoiceps tetrazona* HAMPSON 1919:70  
*Tipulamima* HOLLAND 1893:183 [*Tipulamima flavifrons* HOLLAND 1893, original designation]  
     *Macrotarsipodes* LE CERF 1916b:13 [*Macrotarsipodes tricinctus* LE CERF 1916, by monotypy]  
 E *Tipulamima aristura* (MEYRICK 1931:49), *Tipulamima*  
 E *Tipulamima auronitens* (LE CERF 1913b:212), *Sesia*  
 E *Tipulamima festiva* (BEUTENMÜLLER 1899a:170), *Sesia*  
 E *Tipulamima flammipes* (HAMPSON 1910a:153), *Macrotarsipus*  
 E *Tipulamima flavifrons* HOLLAND 1893:183  
 E *Tipulamima grandidieri* (LE CERF 1917:341), *Macrotarsipodes*  
 E *Tipulamima haugi* (LE CERF 1917:343), *Macrotarsipodes*  
 E *Tipulamima hypocalla* LE CERF 1937d:409  
 E *Tipulamima ivondro* VIETTE [1955]:88  
 E *Tipulamima malimba* (BEUTENMÜLLER 1899a:172), *Sesia*  
 E *Tipulamima nigriceps* HAMPSON 1919:57  
 E *Tipulamima opalimargo* (LE CERF 1913a:167), *Sesia*  
 E *Tipulamima pedunculata* (HAMPSON 1910a:155), comb. nov., *Ichneumenoidea* [nec *Sphecosesia*  
     *pedunculata* HAMPSON 1910b]  
     *brachyptera* (HAMPSON 1919:77), *Sphecosesia*; unnecessary replacement name for *Ichneumenoidea*  
     *pedunculata* HAMPSON 1910  
 E *Tipulamima pyrosoma* HAMPSON 1919:56  
 E *Tipulamima seyrigi* VIETTE [1955]:88  
 E *Tipulamima sexualis* (HAMPSON 1910a:152), *Macrotarsipus*  
     var. *waterloti* (LE CERF 1917:341), *Macrotarsipodes*  
 E *Tipulamima sophax* (DRUCE 1899:203), *Aegeria*  
 E *Tipulamima sylvestralis* (VIETTE [1955]:90), *Lepidopoda*  
 E *Tipulamima tricincta* (LE CERF 1916b:13), *Macrotarsipodes*  
 E *Tipulamima xanthopimplaeformis* (VIETTE [1955]:89), *Lepidopoda*  
*Rodolphia* LE CERF 1911b:92 [*Rodolphia hombergi* LE CERF 1911, original designation]  
 E *Rodolphia hombergi* LE CERF 1911b:92  
*Alcathoe* EDWARDS 1882a:53 [*Aegeria caudata* HARRIS 1839, original designation]  
 N *Alcathoe autumnalis* ENGELHARDT 1946:105  
 N *Alcathoe carolinensis* ENGELHARDT 1925b:156  
     *autumnalis* auct. [nec ENGELHARDT 1946]  
 N *Alcathoe caudata* (HARRIS 1839:311), *Aegeria*  
     f. (race) *annetella* ENGELHARDT 1946:103  
     ab. *walkeri* NEUMOEGEN 1894:331; infrasubspecific (unavailable)

- N *Alcathoe pepsoides* ENGELHARDT 1925b:157  
 var. *atra* ENGELHARDT 1925b:158  
 f. (race) *ferrugata* ENGELHARDT 1946:105
- N,NL *Alcathoe verrugo* (DRUCE 1884:34), *Sannina*  
 var. *corvinus* (ENGELHARDT 1946:107)
- NL *Alcathoe altera* ZUKOWSKY 1936b:1247
- NL *Alcathoe cuauhtemoci* KROGMANN & RIEFENSTAHL 2004:195
- NL *Alcathoe helena* (DRUCE 1889:80), *Aegeria*
- NL *Alcathoe korites* (DRUCE 1884:34), *Sannina*
- NL *Alcathoe leucopyga* BRYK 1953:264
- NL *Alcathoe melini* BRYK 1953:266
- Macrotarsipus* HAMPSON [1893a]:194 [*Macrotarsipus albipunctus* HAMPSON [1893], original designation]
- O *Macrotarsipus albipunctus* HAMPSON [1893a]:194
- O *Macrotarsipus similis* ARITA & GORBUNOV 1995b:109  
 - species incertae sedis (excluded from *Macrotarsipus* by ARITA & GORBUNOV 1995b):
- E *Macrotarsipus africanus* (BEUTENMÜLLER 1899a:170), *Sesia*  
*belia* (DRUCE 1910b:181), *Aegeria*
- E *Macrotarsipus lioscelis* MEYRICK 1935:557
- E *Macrotarsipus microthyris* HAMPSON 1919:58
- Hymenoclea* ENGELHARDT 1946:98 [*Sesia palmii* BEUTENMÜLLER 1902, original designation]
- N,NL *Hymenoclea palmii* (BEUTENMÜLLER 1902:126), *Sesia*
- Euryphrissa* BUTLER 1874:409 [*Aegeria plumipes* WALKER [1865], original designation]  
*Tarsopoda* BUTLER 1874:410 [*Tarsopoda remipes* BUTLER 1874, by monotypy]
- NL *Euryphrissa cambyses* (DRUCE 1884:33), *Sincara*
- NL *Euryphrissa chea* (DRUCE 1899:203), *Aegeria*
- NL *Euryphrissa cladiiformis* (WALKER 1856:51), *Aegeria*
- NL *Euryphrissa croesiformis* (WALKER 1856:53), *Aegeria*
- NL *Euryphrissa fasciculipes* (WALKER [1865]:5), *Aegeria*
- NL *Euryphrissa homotropha* (MEYRICK 1921:443), *Lepidopoda*
- NL *Euryphrissa infera* (MEYRICK 1921:442), *Lepidopoda*
- NL *Euryphrissa plumipes* (WALKER [1865]:8), *Aegeria*
- NL *Euryphrissa pomponia* (LE CERF 1911c:297), *Melittia*
- NL *Euryphrissa senta* (DRUCE 1883:30), *Aegeria*
- NL *Euryphrissa syngenica* ZUKOWSKY 1936b:1246
- NL *Euryphrissa remipes* (BUTLER 1874:410), *Tarsopoda*
- Leptaegeria* LE CERF 1916b:11 [*Leptaegeria flavocastanea* LE CERF 1916, by monotypy]
- NL *Leptaegeria axiomnemeuta* ZUKOWSKY 1936b:1242
- NL *Leptaegeria cillutincariensis* ZUKOWSKY 1936b:1243
- NL *Leptaegeria costalimai* KÖHLER 1953:21
- NL *Leptaegeria flavocastanea* LE CERF 1916b:11
- NL *Leptaegeria harti* (DRUCE 1899:204), *Aegeria*
- NL *Leptaegeria schreiteri* KÖHLER 1941:8
- Aegerina* LE CERF 1917:332 [*Aegeria ovinia* DRUCE 1896, original designation]
- NL *Aegerina allotriochora* ZUKOWSKY 1936b:1245
- NL *Aegerina alomyaeformis* ZUKOWSKY 1936b:1245
- NL *Aegerina mesostenos* ZUKOWSKY 1936b:1245
- NL *Aegerina ovinia* (DRUCE 1896:324), *Aegeria*
- NL *Aegerina silvai* (KÖHLER 1953:21), *Paranthrene*
- NL *Aegerina vignae* BUSCK 1929:134
- Stenosphecia* LE CERF 1917:285 [*Stenosphecia columbica* LE CERF 1917, original designation]
- NL *Stenosphecia columbica* LE CERF 1917:286
- Pseudalcathoe* LE CERF 1916b:14 [*Pseudalcathoe chatanayi* LE CERF 1916, by monotypy]
- NL *Pseudalcathoe chatanayi* LE CERF 1916b:14
- E *Pseudalcathoe aspetura* MEYRICK 1932:229
- Bembecia* HÜBNER [1819]:128 [*Sphinx ichneumoniformis* [DENIS & SCHIFFERMÜLLER] 1775, subsequent designation by NEWMAN in WESTWOOD 1840:89]  
*Dipsosphecia* SPULER 1910:316 [*Sphinx ichneumoniformis* [DENIS & SCHIFFERMÜLLER] 1775, original designation]; junior objective synonym of *Bembecia* HÜBNER [1819]  
*Scalarignathia* CAPUSE 1973a:112 [*Scalarignathia kaszabi* CAPUSE 1973, original designation]

- Opacosphesia* CAPUSE 1973b:137 [*Sesia tengyraeformis* HERRICH-SCHÄFFER 1852 (= *Sesia sanguinolenta* LEDERER 1853), original designation]  
*Pseudosphesia* CAPUSE 1973b:147 [*Dipsosphesia tenebrosa* PÜNGELER 1914, original designation]  
*Ductispina* CAPUSE 1973b:149 [*Dipsosphesia turcmena* BARTEL 1912, original designation]  
*Paradipsosphesia* CAPUSE 1973b:150 [*Dipsosphesia barbara* BARTEL 1912, original designation]  
- *ichneumoniformis*-group:  
- *ichneumoniformis*-subgroup:  
P *Bembecia abromeiti* KALLIES & RIEFENSTAHL 2000:359  
P *Bembecia albanensis* (REBEL 1918:86), *Sesia*  
*Bembecia albanensis albanensis* (REBEL 1918)  
*corcyrensis* (REBEL 1918:86), *Sesia*  
*Bembecia albanensis kalavrytana* (SHELJUZHKO 1924:183), *Dipsosphesia*  
*Bembecia albanensis garganica* BERTACCINI & FIUMI 2002:74  
*Bembecia albanensis tunetana* (LE CERF 1920:305), *Dipsosphesia*  
P *Bembecia alaica* (PÜNGELER 1912:395), *Dipsosphesia*  
P *Bembecia aloisi* ŠPATENKA 1997a:36  
P *Bembecia barbara* (BARTEL 1912:390), *Dipsosphesia*  
P *Bembecia bestianaeli* (CAPUSE 1973a:121), *Dipsosphesia*  
P *Bembecia bohatschi* (PÜNGELER [1905a]:268), *Sesia*  
P *Bembecia buxea* GORBUNOV 1989:143  
P *Bembecia ceiformis* (STAUDINGER 1881:395), *Sesia*  
*tristis* (STAUDINGER 1895b:349), *Sesia*  
*hannemanni* (CAPUSE 1973a:115), *Dipsosphesia*  
*dancaudani* (CAPUSE 1973a:119), *Dipsosphesia*  
*ili* (CAPUSE 1973a:124), *Dipsosphesia*  
P *Bembecia gobica* ŠPATENKA & LINGENHÖLE 2002:204  
P *Bembecia guesnoni* ŠPATENKA & TOŠEVSKI 1994:313  
P *Bembecia handiensis* RÄMISCH 1997:73  
P *Bembecia hedysari* WANG & YANG 1994:31  
P *Bembecia ichneumoniformis* ([DENIS & SCHIFFERMÜLLER] 1775:44), *Sphinx*  
*rhagioniformis* (HÜBNER [1806]:89), *Sphinx*  
*systrophaeformis* (HÜBNER [1808-1813]: pl. 24: fig. 113), *Sphinx*  
*palpina* (DALMAN 1816:129), *Sesia*  
*statuiformis* (FREYER 1836:142), *Sesia*  
*cryptiformis* (WALKER 1856:59), *Aegeria*  
*albanica* (REBEL 1910a:5), *Sesia*  
*vespiformis* (HÜBNER 1796: pl. 6: fig. 39-40), *Sphinx* [nec *Sphinx vespiformis* LINNAEUS 1761]; misdetermination (unavailable)  
P *Bembecia illustris* (REBEL 1901:403), *Sesia*  
P *Bembecia insidiosa* (LE CERF 1911b:93), *Sesia*  
P *Bembecia irina* ŠPATENKA, PETERSEN & KALLIES 1997:413  
P *Bembecia jakuta* (HERZ 1903<sup>11</sup>:19), *Sesia*  
P *Bembecia joesti* BETTAG 1997:23  
P *Bembecia kaabaki* GORBUNOV 2001:125  
P *Bembecia karategina* ŠPATENKA 1997a:33  
P *Bembecia karel* HERRMANN & HOFMANN 1997:265  
P *Bembecia lamai* KALLIES 1996:368  
P *Bembecia lasicera* (HAMPSON 1906:495), *Trochilium*  
P *Bembecia lomataeformis* (LEDERER 1853:89), *Sesia*  
*gruneri* (STAUDINGER 1856:197), *Sciapteron*  
*rothschildi* (BARTEL 1912:393), *Dipsosphesia*  
f. *norma* (LE CERF 1914d:423), *Dipsosphesia*  
P *Bembecia ningxiaensis* XU & LIU 1998:63  
P *Bembecia nivalis* ŠPATENKA 2001:77  
P *Bembecia oxytropidis* ŠPATENKA & LINGENHÖLE 2002:203  
P *Bembecia pagesi* TOŠEVSKI 1993a:277  
P *Bembecia pamira* ŠPATENKA 1992:433  
P *Bembecia pogrizona* ŠPATENKA, PETERSEN & KALLIES 1997:408  
P *Bembecia polyzona* (PÜNGELER 1912:394), *Dipsosphesia*  
P *Bembecia powelli* (LE CERF 1925:211), *Dipsosphesia*  
P *Bembecia psoraleae* BARTSCH & BETTAG 1997:30  
P *Bembecia rushana* GORBUNOV 1992b:132

<sup>11</sup>) year of publication according to title page is 1903, not 1904!

- P *Bembecia salangica* ŠPATENKA & RESHÖFT 1989:178
- P *Bembecia sareptana* (BARTEL 1912:395), *Dipsosphecia*
- P *Bembecia senilis* (GRUM-GRSHIMAILO 1890:515), *Sesia lactea* (FILIPJEV 1931:161), *Dipsosphecia*
- P *Bembecia sophoracola* XU & JIN 1999:9
- P *Bembecia stiziformis* (HERRICH-SCHÄFFER 1851: pl. 10: fig. 58), *Sesia*  
*Bembecia stiziformis stiziformis* (HERRICH-SCHÄFFER 1851)  
var. *melasomon* (STAUDINGER 1871b:39), *Sciapteron*  
f. *astyages* (LE CERF 1938:92), *Dipsosphecia*  
*barbarossa* (DE FREINA 1983:74), *Paranthrene*  
*tubercula* (DE FREINA 1983:75), *Paranthrene*  
*Bembecia stiziformis fervida* (LEDERER 1855:182), *Sesia*  
var. *subfervidum* (STAUDINGER 1891:241), *Sciapteron*  
*kara* (DE FREINA 1983:72), *Paranthrene*  
*Bembecia stiziformis tenebrosa* (PÜNGELER 1914:53), *Dipsosphecia*  
*Bembecia stiziformis belouchistanica* ŠPATENKA 2001:79
- P *Bembecia strandi* (KOZHANTSHIKOV 1936:26), *Dipsosphecia*
- P *Bembecia tancrei* (PÜNGELER [1905a]:269), *Sesia*
- P *Bembecia tshimgana* (SHELJUZHKO 1935:54), *Dipsosphecia*  
*ninae* (SHELJUZHKO 1935:53), *Dipsosphecia*
- P *Bembecia turanica* (ERSCHOFF 1874:26), *Sesia*
- P *Bembecia viguraea* (PÜNGELER 1912:394), *Dipsosphecia*  
*auricaudata* (BARTEL 1912:393), *Dipsosphecia*
- P *Bembecia volgensis* GORBUNOV 1994c:563
- P *Bembecia vulcanica* (PINKER 1969:75), *Dipsosphecia*
- P *Bembecia wagneri* (PÜNGELER 1912:395), *Dipsosphecia*
- P *Bembecia zebo* ŠPATENKA & GORBUNOV 1992:383
- P *Bembecia zonsteini* GORBUNOV 1994b:161  
- *dispar*-subgroup:
- P *Bembecia deserticola* ŠPATENKA, PETERSEN & KALLIES 1997:410
- P *Bembecia dispar* (STAUDINGER 1891:243), *Sciapteron*  
var. *oberthueri* (LE CERF 1916a:12), *Dipsosphecia*  
var. *dumonti* (LE CERF 1920:371), *Dipsosphecia*  
*deniba* (LE CERF 1934:11), *Dipsosphecia*
- P *Bembecia kryzhanovskii* GORBUNOV 2001:129
- P *Bembecia pashtuna* ŠPATENKA 1997a:31
- P *Bembecia pyronigra* ŠPATENKA & KALLIES 2001:200
- P *Bembecia syzcjovi* GORBUNOV 1990:119  
*Bembecia syzcjovi syzcjovi* GORBUNOV 1990  
*Bembecia syzcjovi kappadocica* ŠPATENKA 1997b:50  
*Bembecia syzcjovi alborzica* KALLIES & ŠPATENKA 2003a:85
- P *Bembecia tsvetajevi* GORBUNOV 1992a:249
- P *Bembecia vidua* (STAUDINGER 1889:22), *Sesia*  
- *scopigera*-group:
- P *Bembecia apyra* (LE CERF 1937b:89), *Dipsosphecia*
- P *Bembecia fibigeri* LAŠTUVKA & LAŠTUVKA 1994:234
- P *Bembecia iberica* ŠPATENKA 1992:429
- P *Bembecia martensi* GORBUNOV 1994b:158
- P *Bembecia mira* GORBUNOV & ŠPATENKA 2001:67
- P *Bembecia pavicevici* TOŠEVSKI 1989:85  
*Bembecia pavicevici pavicevici* TOŠEVSKI 1989:85  
*Bembecia pavicevici dobrovskyi* ŠPATENKA 1997b:48
- P *Bembecia peterseni* ŠPATENKA 1997b:46
- P *Bembecia priesneri* KALLIES, PETERSEN & RIEFENSTAHL 1998:58
- P *Bembecia scopigera* (SCOPOLI 1763:188), *Sphinx*  
*communis* (LE CERF 1920:320), *Dipsosphecia*  
ab. *lugubris* (STAUDINGER 1871b:40), *Sesia*; infrasubspecific (unavailable)
- P *Bembecia zuvandica* GORBUNOV 1987a:12  
*Bembecia zuvandica zuvandica* GORBUNOV 1987  
*Bembecia zuvandica johannesi* GORBUNOV 1995:97  
- *uroceriformis*-group:
- P *Bembecia flavida* (OBERTHÜR 1890:24), *Sesia*  
*sirphiformis* (BARTEL 1912:391), *Dipsosphecia* [nec *Sesia sirphiformis* LUCAS 1849]; misdetermination (unavailable)

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P	<i>Bembecia himmighoffeni</i> (STAUDINGER 1866:51), <i>Sesia baumgartneri</i> ŠPATENKA 1992:427		
P	<i>Bembecia hymenopteriformis</i> (BELLIER 1860:681), <i>Sesia</i> var. <i>algeriensis</i> (LE CERF 1911a:15), <i>Sesia</i> var. <i>luticornis</i> (MARIANI 1937:8), <i>Dipsosphesia</i> ab. <i>ducellieri</i> (LE CERF 1911a:15), <i>Sesia</i> ; infrasubspecific (unavailable) ab. <i>fulvusororcula</i> (ZUKOWSKY 1936a:534), <i>Dipsosphesia</i> ; infrasubspecific (unavailable)		
P	<i>Bembecia uroceriformis</i> (TREITSCHKE 1834:121), <i>Sesia</i> <i>Bembecia uroceriformis uroceriformis</i> (TREITSCHKE 1834) <i>mamertina</i> (ZELLER 1847b:404), <i>Sesia</i> var. <i>atlantica</i> (LE CERF 1920:271), <i>Dipsosphesia</i> var. <i>nigricornis</i> (MARIANI 1937:8), <i>Dipsosphesia</i> var. <i>athaliaeformis</i> (BOISDUVAL [1875]:411), <i>Sesia</i> ; unavailable by publication in synonymy <i>odyneriformis</i> (GHILIANI 1852:216), <i>Sesia</i> [nec <i>Sesia odyneriformis</i> HERRICH-SCHÄFFER 1846]; misdetermination (unavailable) <i>Bembecia uroceriformis armoricana</i> (OBERTHÜR [1907a]:1), <i>Sesia</i> - <i>megillaeformis</i> -group:		
P	<i>Bembecia aladagica</i> GORBUNOV & ŠPATENKA 2001:62		
P	<i>Bembecia blanka</i> ŠPATENKA 2001:78		
P	<i>Bembecia fokidensis</i> TOŠEVSKI 1991:169		
P	<i>Bembecia gegamica</i> GORBUNOV 1991a:131		
P	<i>Bembecia igueri</i> BETTAG & BLÄSIUS 1998:71		
P	<i>Bembecia megillaeformis</i> (HÜBNER [1808-1813]: pl. 24: fig. 114), <i>Sphinx</i> <i>Bembecia megillaeformis megillaeformis</i> (HÜBNER [1808-1813]) <i>megilliformis</i> (STAUDINGER 1856:146), <i>Sesia</i> ; incorrect emendation <i>Bembecia megillaeformis luqueti</i> ŠPATENKA 1992:434		
P	<i>Bembecia molleti</i> KALLIES & ŠPATENKA 2003a:89		
P	<i>Bembecia parthica</i> (LEDERER 1870:27), <i>Sesia</i>		
P	<i>Bembecia pontica</i> (STAUDINGER 1891:241), <i>Sciapteron</i>		
P	<i>Bembecia puella</i> LAŠTUVKA 1989:85 <i>daghestanica</i> GORBUNOV 1991a:129		
P	<i>Bembecia sanguinolenta</i> (LEDERER 1853:81), <i>Sesia</i> ; replacement name for <i>Sesia tengyraeformis</i> BOISDUVAL 1840 <i>tengyraeformis</i> (HERRICH-SCHÄFFER 1851: pl. 10, fig. 59), <i>Sesia</i> [nec <i>Sesia tengyraeformis</i> BOISDUVAL 1840]; junior primary homonym of <i>Sesia tengyraeformis</i> BOISDUVAL 1840 <i>splendidum</i> (STAUDINGER 1891:242), <i>Sciapteron</i> f. <i>miranda</i> (LE CERF 1914d:423), <i>Dipsosphesia</i>		
P	<i>Bembecia sirphiformis</i> (LUCAS 1849:367), <i>Sesia</i> <i>syrphiformis</i> (DALLA TORRE & STRAND 1925:67), <i>Dipsosphesia</i> ; incorrect emendation <i>astragali</i> (JOANNIS 1909:183), <i>Sesia</i>		
P	<i>Bembecia staryi</i> ŠPATENKA & GORBUNOV 1992:386		
P	<i>Bembecia transcaucasica</i> (STAUDINGER 1891:242), <i>Sciapteron</i> <i>Bembecia transcaucasica transcaucasica</i> (STAUDINGER 1891) <i>romanovi</i> (BARTEL 1902:354), <i>Sesia</i> <i>Bembecia transcaucasica turcmena</i> (BARTEL 1912:396), <i>Dipsosphesia</i> - <i>kaszabi</i> -group:		
P	<i>Bembecia coreacola</i> (MATSUMURA 1931a:1012), <i>Chamanthedon</i>		
P	<i>Bembecia kaszabi</i> (CAPUSE 1973a:114), <i>Scalarignathia</i>		
P	<i>Bembecia montis</i> (LEECH 1889a:592), <i>Aegeria</i>		
P	<i>Bembecia sinensis</i> (HAMPSON 1919:59), <i>Monopetalotaxis</i>		
P	<i>Bembecia ussuriensis</i> (GORBUNOV & ARITA 1995c:261), <i>Scalarignathia</i> - <i>hofmanni</i> -group:		
P	<i>Bembecia hofmanni</i> KALLIES & ŠPATENKA 2003a:87 - species incertae sedis (hereby excluded from <i>Bembecia</i> )		
O	<i>Bembecia fortis</i> DIAKONOFF [1968]:234		
O	<i>Bembecia balkis</i> (LE CERF 1937a:42), <i>Pyropteron</i> <i>Bembecia balkis balkis</i> (LE CERF 1937) <i>Bembecia balkis atrocaudata</i> WILTSHIRE 1986:267		
	<i>Pyropteron</i> NEWMAN 1832b:75 [ <i>Sphinx chrysidiformis</i> ESPER 1782, by monotypy] <i>Pyropteron</i> AGASSIZ [1847]:319; incorrect emendation - subgenus <i>Pyropteron</i> NEWMAN 1832		
P	<i>Pyropteron (Pyropteron) biedermanni</i> LE CERF 1925:210		

- P *Pyropteron (Pyropteron) chrysidiforme* (ESPER 1782:210)<sup>12</sup>, *Sphinx*  
*Pyropteron (Pyropteron) chrysidiforme chrysidiforme* (ESPER 1782)  
*crabroniformis* (FABRICIUS 1793:383), *Sesia* [nec *Sesia crabroniformis* LASPEYRES 1801]; replacement name  
for *Sphinx haemorrhoidalis* CYRILLUS 1787  
*polistiformis* (BOISDUVAL 1840:41), *Sesia*  
*chalcocnemis* (STAUDINGER 1856:323), *Sesia*  
*depuiseti* (SAND 1879:20), *Sesia*  
var. *joannisi* (LE CERF 1909:118), *Sesia*  
f. *obturata* (LE CERF 1909:118), *Sesia*  
f. *nigripes* (LE CERF 1909:118), *Sesia*  
*lecerfi* (OBERTHÜR 1909:186), *Sesia*  
*rondoui* (SIEPI 1909:117), *Sesia*  
var. *castiliana* LE CERF 1922b:29  
var. *chlorotica* LE CERF 1922b:30  
ab. *gallica* (BARTEL 1902:293), *Sesia*; infrasubspecific (unavailable)  
ab. *infusca* (LE CERF 1909:119), *Sesia*; infrasubspecific (unavailable)  
ab. *lecerfi* (SCHAWERDA 1938:584), *Chamaesphexia*; infrasubspecific (unavailable)  
ab. *margaritosa* LE CERF 1922b:30; infrasubspecific (unavailable)  
ab. *anthracias* LE CERF 1922b:31; infrasubspecific (unavailable)  
*haemorrhoidalis* (CYRILLUS 1787: pl. 4, fig. 3), *Sphinx* [nec *Sesia haemorrhoidalis* FABRICIUS 1775]; misdetermination  
(unavailable)  
*haemorrhoidalis* (CYRILLUS 1787: pl. 4), *Sphinx* [nec *Sesia haemorrhoidalis* FABRICIUS 1775]; misdetermination  
(unavailable)  
*chalciformis* (GODART 1822:91), *Sphinx* [nec *Sphinx chalciformis* ESPER [1804]]; misdetermination (unavailable)  
*Pyropteron (Pyropteron) chrysidiforme siculum* LE CERF 1922b:27  
f. *fervens* BYTINSKI-SALZ [1937]:198  
ab. *melanoxanthia* LE CERF 1922b:28; infrasubspecific (unavailable)  
ab. *foeniformoides* RAGUSA 1923:217; infrasubspecific (unavailable)
- P *Pyropteron (Pyropteron) minianiforme* (FREYER 1843:35), *Sesia*  
*Pyropteron (Pyropteron) minianiforme minianiforme* (FREYER 1843)  
*miniacea* (LEDERER 1853:89), *Sesia* [nec *Sesia miniacea* OBERTHÜR 1876]; incorrect emendation  
var. *pepsiformis* (LEDERER 1853:90), *Sesia*  
*nigrobarbata* (REBEL 1916:144), *Sesia*  
ab. *friesei* (NICULESCU 1960:4), *Chamaesphexia*; infrasubspecific (unavailable)  
*elampiformis* (HERRICH-SCHÄFFER 1846:78)<sup>13</sup>, *Sesia*; unavailable by publication in synonymy  
*pepsiformis* (HERRICH-SCHÄFFER 1846:78)<sup>13</sup>, *Sesia*; unavailable by publication in synonymy  
*eumeniformis* (HERRICH-SCHÄFFER 1846:78), *Sesia*; unavailable by publication in synonymy  
*cerceriformis* (HERRICH-SCHÄFFER 1846:78)<sup>13</sup>, *Sesia*; unavailable by publication in synonymy  
*Pyropteron (Pyropteron) minianiforme destitutum* (STAUDINGER 1894:253), *Sesia*  
*Pyropteron (Pyropteron) minianiforme aphrodite* BARTSCH 2004:83
- [A] P *Pyropteron (Pyropteron) dorylifforme* (OCHSENHEIMER 1808:141), *Sesia*  
*Pyropteron (Pyropteron) dorylifforme dorylifforme* (OCHSENHEIMER 1808)  
var. *bellieri* LE CERF 1916a:13  
f. *androchroma* LE CERF 1934:11  
*euglossaeformis* (LUCAS 1849:368), *Sesia*  
*miniacea* (OBERTHÜR 1876:31), *Sesia* [nec *Sesia miniacea* LEDERER 1853]; junior primary homonym of *Sesia*  
*miniacea* LEDERER 1853  
f. *chimena* LE CERF 1916a:13  
*tingitana* LE CERF 1916a:13  
f. *funnebris* LE CERF 1916a:14  
f. *intermedia* LE CERF 1916a:13  
f. *melanina* LE CERF 1916a:14  
var. *andalusica* LE CERF 1920:414  
var. *chretieni* LE CERF 1920:425  
ab. *flavina* LE CERF 1920:431; infrasubspecific (unavailable)  
*euceraeformis* (HERRICH-SCHÄFFER 1846:66, 79), *Sesia* [nec *Sesia euceraeformis* OCHSENHEIMER 1816]; misdetermination  
(unavailable)  
*Pyropteron (Pyropteron) dorylifforme icteropus* (ZELLER 1847b:403), *Sesia*  
*ceriaeformis* (LUCAS 1849:369), *Sesia* [nec *Sesia ceriaeformis* LEDERER 1853]  
*teriolensis* (STAUDINGER 1894:251), *Sesia*  
f. *tristis* LE CERF 1916a:14  
f. *fatma* LE CERF 1916a:14  
f. *aturesiana* LE CERF 1916a:14  
f. *subceriaeformis* LE CERF 1916a:14

<sup>12</sup>) *Sesia chrysidiformis* HERRICH-SCHÄFFER 1846:77 is not a misdetermination, but identical with *Pyropteron chrysidiforme* (ESPER 1782)!

<sup>13</sup>) assigned to *minianiforme* by HERRICH-SCHÄFFER 1846:78, later erroneously assigned to *Pyropteron chrysidiforme* (ESPER 1782) by Heydenreich 1851:20

var. *maghrebica* LE CERF 1920:440

ab. *unicolor* (RAGUSA 1904:114), *Sesia* [nec *Aegeria unicolor* WALKER [1865]]; infrasubspecific (unavailable)

ab. *xanthia* (LE CERF 1911a:17), *Sesia*; infrasubspecific (unavailable)

*erythrostroma* (REBEL 1901:405), *Sesia*; unavailable by publication in synonymy

*braconiformis* (GHILLANI 1852:216), *Sesia* [nec *Sesia braconiformis* HERRICH-SCHÄFFER 1846]; misdetermination (unavailable)

*schmidtii* (ZELLER 1847b:408), *Sesia*; misdetermination and incorrect emendation of *Sesia schmidtiiformis* FREYER 1836 (unavailable)

- subgenus *Synansphecchia* CAPUSE 1973b:166, stat. nov. [*Sesia triannuliformis* FREYER 1843, original designation]

- *triannuliforme*-group:

P *Pyropteron* (*Synansphecchia*) *hispanicum* (KALLIES 1999:92), *Synansphecchia*

P *Pyropteron* (*Synansphecchia*) *maroccanum* (KALLIES 1999:90), *Synansphecchia*

P *Pyropteron* (*Synansphecchia*) *meriaeforme* (BOISDUVAL 1840:42), *Sesia*

*Pyropteron* (*Synansphecchia*) *meriaeforme meriaeforme* (BOISDUVAL 1840)

*meriiformis* (RAMBUR [1866]:152), *Sesia*; incorrect emendation

*corsica* (STAUDINGER 1856:274), *Sesia*

*philanthiformis* (RAMBUR 1833:53), *Sesia* [nec *Sesia philanthiformis* LASPEYRES 1801]; misdetermination (unavailable)

*Pyropteron* (*Synansphecchia*) *meriaeforme venetense* (JOANNIS 1908:758), *Sesia*

P *Pyropteron* (*Synansphecchia*) *triannuliforme* (FREYER 1842:35), *Sesia*

*braconiformis* (HERRICH-SCHÄFFER 1846:68), *Sesia*

*armeniaca* (BARTEL 1906b:170), *Sesia*

*balcanica* (ZUKOWSKY 1929a:21), *Chamaesphecchia*

*ljiljanae* (TOŠEVSKI 1986:191), *Bembecia* (*Synansphecchia*)

*pungeleri* ŠPATENKA 1987:14

*rangnowi* (ZUKOWSKY 1929a:21), *Chamaesphecchia*; unavailable by publication in synonymy

*meriaeformis* (ASSMANN 1845:47), *Sesia* [nec *Sesia meriaeformis* BOISDUVAL 1840]; misdetermination (unavailable)

*philanthiformis* (LEDERER 1853:87), *Sesia* [nec *Sesia philanthiformis* LASPEYRES 1801]; misdetermination (unavailable)

- *muscaeforme*-group:

P *Pyropteron* (*Synansphecchia*) *atlantis* (SCHWINGENSCHUSS 1935:106), *Chamaesphecchia*

P *Pyropteron* (*Synansphecchia*) *borreyi* (LE CERF 1922a:133), *Chamaesphecchia*

P *Pyropteron* (*Synansphecchia*) *koschwitzii* (ŠPATENKA 1992:437), *Synansphecchia*

P *Pyropteron* (*Synansphecchia*) *muscaeforme* (ESPER 1783:217), *Sphinx* [nec *Sphinx muscaeformis* BORKHAUSEN 1789]

*Pyropteron* (*Synansphecchia*) *muscaeforme muscaeforme* (ESPER 1783)

*philanthiformis* (LASPEYRES 1801:31), *Sesia*

*aestivata* (KRÁLÍČEK 1969:115), *Chamaesphecchia*

*Pyropteron* (*Synansphecchia*) *muscaeforme occidentale* (JOANNIS 1908:758), *Sesia*

- *umbriferum*-group:

P *Pyropteron* (*Synansphecchia*) *atypicum* KALLIES & ŠPATENKA 2003a:90

P *Pyropteron* (*Synansphecchia*) *cirgisum* (BARTEL 1912:408), *Chamaesphecchia*

*montandoni* (LE CERF 1922b:37), *Chamaesphecchia*

P *Pyropteron* (*Synansphecchia*) *koshantschikovi* (PÜNGELER 1914:54), *Chamaesphecchia*

P *Pyropteron* (*Synansphecchia*) *umbriferum* (STAUDINGER 1871a<sup>1</sup>:96), *Sesia*

-*leucomelaena*-group:

P *Pyropteron* (*Synansphecchia*) *affine* (STAUDINGER 1856:278), *Sesia*

*Pyropteron* (*Synansphecchia*) *affine affine* (STAUDINGER 1856)

*leucospidiformis* (LEDERER 1853:84), *Sesia* [nec *Sesia leucospidiformis* STAUDINGER 1854]; misdetermination and incorrect emendation of *Sphinx leucopsiformis* ESPER 1800 (unavailable)

*Pyropteron* (*Synansphecchia*) *affine erodiiphagum* (DUMONT 1922:215), *Chamaesphecchia*

P *Pyropteron* (*Synansphecchia*) *aistleitneri* (ŠPATENKA 1992:436), *Synansphecchia*

P *Pyropteron* (*Synansphecchia*) *kautzi* (REISSER 1930:104), *Chamaesphecchia*

P *Pyropteron* (*Synansphecchia*) *leucomelaena* (ZELLER 1847a:12), *Sesia*

*therevaeformis* (LEDERER 1853:83), *Sesia*

*cretica* (REBEL 1916:143), *Sesia*

f. *cyrnea* (LE CERF 1920:506), *Chamaesphecchia*

- *mannii*-group:

P *Pyropteron* (*Synansphecchia*) *hera* (ŠPATENKA 1997b:51), *Synansphecchia*

P *Pyropteron* (*Synansphecchia*) *mannii* (LEDERER 1853:88), *Sesia*

*Dipchasphecchia* CAPUSE 1973b:161 [*Dipsosphecchia roseiventris* BARTEL 1912, original designation]

P *Dipchasphecchia altaica* GORBUNOV 1991b:161

P *Dipchasphecchia consobrina* (LE CERF 1938:94), *Chamaesphecchia* [sic]

P *Dipchasphecchia intermedia* ŠPATENKA 1997b:52

P *Dipchasphecchia iskander* GORBUNOV 1994a:29

P *Dipchasphecchia kashgarensis* ŠPATENKA & KALLIES 2001:234

- P *Dipchasphecia kopica* GORBUNOV & ŠPATENKA 2001:71
- P *Dipchasphecia krocha* GORBUNOV 1991b:164
- P *Dipchasphecia kurdaica* ŠPATENKA, PETERSEN & KALLIES 1997:417
- P *Dipchasphecia lanipes* (LEDERER 1863:20), *Sesia*
- P *Dipchasphecia ljustiae* GORBUNOV 1991b:154
- P *Dipchasphecia naumanni* GORBUNOV 1991b:159
- P *Dipchasphecia nigra* GORBUNOV 1991b:163
- P *Dipchasphecia pudorina* (STAUDINGER 1881:396), *Sesia*
- P *Dipchasphecia rhodocnemis* GORBUNOV 1991b:160
- P *Dipchasphecia roseiventris* (BARTEL 1912:393), *Dipsosphecia*
- P *Dipchasphecia sertavula* BARTSCH & ŠPATENKA 2002:78  
*servatula* BARTSCH & ŠPATENKA 2002:78; incorrect original spelling (unavailable)
- P *Dipchasphecia turkmena* GORBUNOV 1994a:27
- Chamaesphecia* SPULER 1910:311 [*Sphinx empiformis* ESPER 1783, original designation]  
- subgenus *Chamaesphecia* SPULER 1910
- P *Chamaesphecia* (*Chamaesphecia*) *adelpha* LE CERF 1938:98
- P *Chamaesphecia* (*Chamaesphecia*) *amygdaloidis* SCHLEPPNIK 1933:24
- P *Chamaesphecia* (*Chamaesphecia*) *anthracias* LE CERF 1937b:84
- P *Chamaesphecia* (*Chamaesphecia*) *anthraciformis* (RAMBUR 1832:266), *Sesia*  
*foeniformis* (HERRICH-SCHÄFFER 1846:65, 78), *Sesia*  
*phoeniformis* (FAILLA-TEDALDI 1883:250), *Sesia*; incorrect emendation  
*oryssiformis* (HERRICH-SCHÄFFER 1846:66, 79), *Sesia*  
*oryssiformis* (REBEL 1901:405), *Sesia* [nec *Sesia oryssiformis* HERRICH-SCHÄFFER 1846]  
*agriformis* (WALKER 1856:16), *Aegeria*  
*joppiformis* (STAUDINGER 1856:325), *Sesia*  
*lahayei* (OBERTHÜR 1890:25), *Sesia*  
*seitzii* (PÜNGLER 1905b:129), *Sesia*  
*suprema* (OBERTHÜR 1907:331), *Sesia*  
*louisae* (LE CERF 1915:54), *Dipsosphecia*  
f. *meieri* STAUDER 1921:31  
*phoenix* (LE CERF 1925:210), *Pyropteron*  
f. *aicha* (LE CERF 1925:211), *Pyroptera* [sic]  
f. *pallipes* (LE CERF 1925:211), *Pyropteron*  
*major* (ROTHSCHILD 1925b:336), *Pyropteron*  
*reisseri* (CAPUSE 1973b:156), *Pyropteron*
- P *Chamaesphecia* (*Chamaesphecia*) *astatiformis* (HERRICH-SCHÄFFER 1846:64, 70), *Sesia*  
*thyreiformis* (HERRICH-SCHÄFFER 1846:64, 72), *Sesia*  
*agathiformis* (WALKER 1856:34), *Aegeria*
- P *Chamaesphecia* (*Chamaesphecia*) *bibioniformis* (ESPER 1800:30), *Sphinx*  
*tengyraeformis* (BOISDUVAL 1840:42), *Sesia* [nec *Sesia tengyraeformis* HERRICH-SCHÄFFER 1852]  
*monspeliensis* (STAUDINGER 1856:223), *Sesia*  
*mysinities* PINKER 1954:182  
*philanthiformis* (HERRICH-SCHÄFFER 1846:63, 69), *Sesia* [nec *Sesia philanthiformis* LASPEYRES 1801]; misdetermination (unavailable)
- P *Chamaesphecia* (*Chamaesphecia*) *crassicornis* BARTEL 1912:409
- P *Chamaesphecia* (*Chamaesphecia*) *cyanopasta* (HAMPSON 1910b:93), *Aegeria*
- P *Chamaesphecia* (*Chamaesphecia*) *darvazica* GORBUNOV 2001:110
- P *Chamaesphecia* (*Chamaesphecia*) *emba* GORBUNOV 2001:99
- P *Chamaesphecia* (*Chamaesphecia*) *empiformis* (ESPER 1783:215), *Sphinx*  
*bombyciformis* (GEOFFROY 1785:252), *Sphinx*  
*empinaeformis* (WALKER 1856:33), *Aegeria*  
f. *flavoabdominalis* POPESCU-GORJ 1955:1100  
*lastuvkai* ŠPATENKA 1987:12  
*muscaeformis* (BORKHAUSEN 1789:126), *Sphinx* [nec *Sphinx muscaeformis* ESPER 1783]; misdetermination (unavailable)
- P *Chamaesphecia* (*Chamaesphecia*) *euceraeformis* (OCHSENHEIMER 1816:171), *Sesia*  
*euceriformis* (STAUDINGER 1856:146), *Sesia*; incorrect emendation  
*stelidiformis* (FREYER 1836:141), *Sesia*  
*doleriformis* (partim) (HERRICH-SCHÄFFER 1846:63, 69), *Sesia*  
*unicincta* (HERRICH-SCHÄFFER 1851: pl. 10: fig. 57), *Sesia* [nec *Sesia uncinata* HAMPSON [1893]]  
*herrichii* (STAUDINGER 1856:264), *Sesia*; replacement name for *Sesia icteropus* HERRICH-SCHÄFFER 1852  
*misoleptiformis* (HERRICH-SCHÄFFER 1846:69), *Sesia*; nomen nudum  
*icteropus* (HERRICH-SCHÄFFER 1852:47), *Sesia* [nec *Sesia icteropus* ZELLER 1847]; misdetermination (unavailable)
- P *Chamaesphecia* (*Chamaesphecia*) *guriensis* (EMICH VON EMÖKE 1872:63), *Sesia*
- P *Chamaesphecia* (*Chamaesphecia*) *hungarica* (TOMALA 1901:47), *Sesia*  
*deltaica* POPESCU-GORJ & CAPUSE 1965:341



- P *Chamaesphecia (Chamaesphecia) iranica* LE CERF 1937c:173  
*bagandara* GORBUNOV 1995:104
- P *Chamaesphecia (Chamaesphecia) kautti* ŠPATENKA 1997b:53
- P *Chamaesphecia (Chamaesphecia) keili* KALLIES & ŠPATENKA 2003b:119
- P *Chamaesphecia (Chamaesphecia) kistenjovi* GORBUNOV 1991a:137
- P *Chamaesphecia (Chamaesphecia) leucocnemis* LE CERF 1938:100
- P *Chamaesphecia (Chamaesphecia) leucopsiformis* (ESPER 1800:25), *Sphinx foenusaeformis* (HEYDENREICH 1851:20), *Sesia alysaeformis* (HEYDENREICH 1851:20), *Sesia leucopsidiformis* (LEDERER 1853:85), *Sesia*; incorrect emendation  
*leucospidiformis* (STAUDINGER 1854:57), *Sesia*; incorrect emendation
- P *Chamaesphecia (Chamaesphecia) mezentzevi* GORBUNOV 1989:141
- P *Chamaesphecia (Chamaesphecia) murzini* GORBUNOV 2001:104
- P *Chamaesphecia (Chamaesphecia) mutilata* (STAUDINGER 1887a:67), *Sesia duplex* (STAUDINGER 1889:21), *Sesia chorogi* (SHELJUZHKO 1943:80), *Synanthedon*
- P *Chamaesphecia (Chamaesphecia) palustris* KAUTZ 1927:2
- P *Chamaesphecia (Chamaesphecia) schizoceriformis* (KOLENATI 1846:92), *Sesia*
- P *Chamaesphecia (Chamaesphecia) schroederi* TOŠEVSKI 1993b:422
- P *Chamaesphecia (Chamaesphecia) sogdianica* ŠPATENKA 1987:16
- P *Chamaesphecia (Chamaesphecia) taurica* ŠPATENKA 1997b:55
- P *Chamaesphecia (Chamaesphecia) tenthrediniformis* ([DENIS & SCHIFFERMÜLLER] 1775:44), *Sphinx* [nec *Sphinx tenthrediniformis* ESPER 1782]  
*taediiformis* (FREYER 1836:142), *Sesia*
- P *Chamaesphecia (Chamaesphecia) thomyris* LE CERF 1938:101
- P *Chamaesphecia (Chamaesphecia) turbida* LE CERF 1937b:84
- P *Chamaesphecia (Chamaesphecia) uilica* GORBUNOV 2001:93  
- subgenus *Scopulosphecia* LAŠTUVKA [1990]:99, stat. rev. [*Sesia alysoniformis* HERRICH-SCHÄFFER 1846, original designation]
- P *Chamaesphecia (Scopulosphecia) aerifrons* (ZELLER 1847b:415), *Sesia Chamaesphecia (Scopulosphecia) aerifrons aerifrons* (ZELLER 1847)  
*Chamaesphecia (Scopulosphecia) aerifrons sardoa* (STAUDINGER 1856:281), *Sesia*
- P *Chamaesphecia (Scopulosphecia) albida* ŠPATENKA 1999:365
- P *Chamaesphecia (Scopulosphecia) albiventris* (LEDERER 1853:82), *Sesia* [nec *Sesia albiventris* BEUTENMÜLLER 1899]
- P *Chamaesphecia (Scopulosphecia) alysoniformis* (HERRICH-SCHÄFFER 1846:64, 73), *Sesia trivittata* (ZELLER 1847a:13), *Sesia alysaeformis* (HERRICH-SCHÄFFER 1846:73), *Sesia*; incorrect original spelling (unavailable)
- P *Chamaesphecia (Scopulosphecia) anatolica* SCHWINGENSCHUSS 1938:175
- P *Chamaesphecia (Scopulosphecia) annellata* (ZELLER 1847b:415), *Sesia ceriaeformis* (LEDERER 1853:85), *Sesia* [nec *Sesia ceriaeformis* LUCAS 1849]; junior primary homonym of  
*Sesia ceriaeformis* LUCAS 1849  
var. *ceriiformis* (STAUDINGER 1856:146), *Sesia*; incorrect emendation  
*muscinaeformis* (WALKER 1856:33), *Aegeria minorata* (STAUDINGER 1894:253), *Sesia*; replacement name for *Sesia ceriaeformis* LEDERER 1853  
f. *ledereri* BARTEL 1912:404; unnecessary replacement name for *Sesia ceriaeformis* LEDERER 1853  
*clermonti* LE CERF 1914a:62  
*asellana* HEYDENREICH 1851:20; nomen nudum
- P *Chamaesphecia (Scopulosphecia) anthrax* LE CERF 1916a:15
- P *Chamaesphecia (Scopulosphecia) aurifera* (ROMANOFF 1885:116), *Sesia*
- P *Chamaesphecia (Scopulosphecia) azonos* (LEDERER 1855:194), *Sesia*
- P *Chamaesphecia (Scopulosphecia) blandita* GORBUNOV & ŠPATENKA 2001:78
- P *Chamaesphecia (Scopulosphecia) chalciformis* (ESPER [1804]:44), *Sphinx chalcidiformis* (HÜBNER [1806]:90), *Sphinx*; incorrect emendation  
*prospiformis* (OCHSENHEIMER 1808:146), *Sesia*; unnecessary replacement name for *Sphinx chalciformis* ESPER [1804]  
*halictiformis* (HERRICH-SCHÄFFER 1846:65, 78), *Sesia*  
f. *caucasica* (KOLENATI 1846:91), *Sesia*  
var. *expleta* (STAUDINGER 1879:310), *Sesia*
- P *Chamaesphecia (Scopulosphecia) christophi* GORBUNOV & ŠPATENKA 2001:82
- P *Chamaesphecia (Scopulosphecia) chrysonera* PÜNGELER 1912:399  
*Chamaesphecia (Scopulosphecia) chrysonera chrysonera* PÜNGELER 1912  
*Chamaesphecia (Scopulosphecia) chrysonera melanophleps* ZUKOWSKY 1935:40
- P *Chamaesphecia (Scopulosphecia) diabarensis* GORBUNOV 1987b:14

- P *Chamaesphecia (Scopulosphecia) doleriformis* (HERRICH-SCHÄFFER 1846:69), *Sesia* [nec *Aegeria doleriformis* WALKER 1856]  
*Chamaesphecia (Scopulosphecia) doleriformis doleriformis* (HERRICH-SCHÄFFER 1846)  
*Chamaesphecia (Scopulosphecia) doleriformis colpiformis* (STAUDINGER 1856:267), *Sesia*
- P *Chamaesphecia (Scopulosphecia) doryceraeformis* (LEDERER 1853:87), *Sesia*  
*ortalidiformis* (LEDERER 1853:68), *Sesia*; nomen nudum
- P *Chamaesphecia (Scopulosphecia) dumonti* LE CERF 1922b:35  
*similis* LAŠTUVKA 1983:202
- P *Chamaesphecia (Scopulosphecia) elampiformis* (HERRICH-SCHÄFFER 1851: pl. 10), *Sesia* [nec *Sesia elampiformis* HERRICH-SCHÄFFER 1846]  
*Chamaesphecia elampiformis elampiformis* (HERRICH-SCHÄFFER 1851)  
*Chamaesphecia elampiformis mandana* (LE CERF 1938:92), *Pyropteron*
- P *Chamaesphecia (Scopulosphecia) fallax* (STAUDINGER 1891:245), *Sesia*
- P *Chamaesphecia (Scopulosphecia) ferganae* SHELJUZHKO 1924:184
- P *Chamaesphecia (Scopulosphecia) festai* TURATI 1925:5
- P *Chamaesphecia (Scopulosphecia) fredii* LE CERF 1938:99
- P *Chamaesphecia (Scopulosphecia) gorbunovi* ŠPATENKA 1992:440
- P *Chamaesphecia (Scopulosphecia) guenter* HERRMANN & HOFMANN 1997:267
- P *Chamaesphecia (Scopulosphecia) haberhaueri* (STAUDINGER 1879:308), *Sesia*
- P *Chamaesphecia (Scopulosphecia) inexpectata* (LE CERF 1938:93), *Pyropteron*
- P *Chamaesphecia (Scopulosphecia) infernalis* SHELJUZHKO 1935:64
- P *Chamaesphecia (Scopulosphecia) jitkae* ŠPATENKA 1987:19
- P *Chamaesphecia (Scopulosphecia) leucoparea* (LEDERER 1872:13), *Sesia*
- P *Chamaesphecia (Scopulosphecia) margiana* PÜNGELER 1912:400
- P *Chamaesphecia (Scopulosphecia) masariformis* (OCHSENHEIMER 1808:173), *Sesia* [nec *Setia masariformis* MEIGEN 1830]  
*Chamaesphecia (Scopulosphecia) masariformis masariformis* (OCHSENHEIMER 1808)  
*banchiformis* (HÜBNER [1808-1813]: pl. 27: fig. 126), *Sphinx*  
*allantiformis* (EVERSMANN 1844:103), *Sesia*  
*loewii* (ZELLER 1847a:14), *Sesia*  
*brandti* LE CERF 1937b:82  
*djakonovi* POPESCU-GORJ & CAPUSE 1966:862  
*pompiliformis* (HEYDENREICH 1851:20), *Sesia*; nomen nudum  
*culiciformis* (SULZER 1776:152), *Sphinx* [nec *Sphinx culiciformis* LINNAEUS 1758]; misdetermination (unavailable)  
*Chamaesphecia (Scopulosphecia) masariformis odyneriformis* (HERRICH-SCHÄFFER 1846:63, 68), *Sesia*
- P *Chamaesphecia (Scopulosphecia) maurusia* PÜNGELER 1912:412
- P *Chamaesphecia (Scopulosphecia) micra* LE CERF 1916a:15
- P *Chamaesphecia (Scopulosphecia) minor* (STAUDINGER 1856:214), *Sesia*
- P *Chamaesphecia (Scopulosphecia) mirza* LE CERF 1938:97
- P *Chamaesphecia (Scopulosphecia) morosa* LE CERF 1937c:175
- P *Chamaesphecia (Scopulosphecia) mudjahida* ŠPATENKA 1997a:38
- P *Chamaesphecia (Scopulosphecia) mysiniiformis* (BOISDUVAL 1840:42), *Sesia* [nec *Sesia mysiniiformis* RAMBUR 1866]  
*boisduvalii* BARTEL 1912:404; unnecessary replacement name for *Sesia mysiniiformis* BOISDUVAL 1840  
*rondouana* LE CERF 1922b:32
- P *Chamaesphecia (Scopulosphecia) nigrifrons* (LE CERF 1911d:244), *Sesia*  
*sevenari* LIPTHAY 1961:213  
ab. *schmidti* LIPTHAY 1961:217; infrasubspecific (unavailable)
- P *Chamaesphecia (Scopulosphecia) obratzovi* SHELJUZHKO 1943:81  
*Chamaesphecia (Scopulosphecia) obratzovi obratzovi* SHELJUZHKO 1943:81  
*Chamaesphecia (Scopulosphecia) obratzovi obermajeri* ŠPATENKA 1992:442
- P *Chamaesphecia (Scopulosphecia) ophimontana* GORBUNOV 1991a:140
- P *Chamaesphecia (Scopulosphecia) osmiaeformis* (HERRICH-SCHÄFFER 1848: pl. 9: fig. 52), *Sesia*  
*osmiiformis* (STAUDINGER 1856:147), *Sesia*; incorrect emendation  
*zelleri* (LEDERER 1853:69), *Sesia*; replacement name for *Sesia stelidiformis* ZELLER 1847  
*floricola* (OBERTHÜR 1881:67), *Sesia*  
*agnes* (OBERTHÜR 1890:26), *Sesia*  
*stelidiformis* (ZELLER 1847b:406), *Sesia* [nec *Sesia stelidiformis* FREYER 1836]; misdetermination (unavailable)
- P *Chamaesphecia (Scopulosphecia) oxybeliformis* (HERRICH-SCHÄFFER 1846:69), *Sesia*
- P *Chamaesphecia (Scopulosphecia) pechi* (STAUDINGER 1887b:30), *Sesia*
- P *Chamaesphecia (Scopulosphecia) powelli* LE CERF 1916a:15
- P *Chamaesphecia (Scopulosphecia) proximata* (STAUDINGER 1891:244), *Sesia*  
*moreaui* (LE CERF 1911e:334), *Sesia*

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- gravesi* (REBEL 1927:(60)), *Sesia*
- P *Chamaesphecia* (*Scopulosphecia*) *ramburi* (STAUDINGER 1866:53), *Sesia*
- P *Chamaesphecia* (*Scopulosphecia*) *regula* (STAUDINGER 1891:246), *Sesia*
- P *Chamaesphecia* (*Scopulosphecia*) *ruficoronata* KALLIES, PETERSEN & RIEFENSTAHL 1998:60
- P *Chamaesphecia* (*Scopulosphecia*) *schmidtiiformis* (FREYER 1836:140), *Sesia*  
*schmidtii* (LEDERER 1853:69), *Sesia* [nec *Sesia schmidtii* ZELLER 1847]; incorrect emendation  
*schmidtellaefomis* (FREYER 1836: pl. 182, fig. 1), *Sesia*; incorrect original spelling (unavailable)  
ab. *albotarsata* (REBEL 1901:406), *Sesia*; infrasubspecific (unavailable)  
ab. *pouloti* (LE CERF 1922b:32), *Pyropteron*; infrasubspecific (unavailable)  
*rubrifomis* (HERRICH-SCHÄFFER 1846:78), *Sesia*; unavailable by publication in synonymy  
*prosopiformis* (HERRICH-SCHÄFFER 1846:65, 78), *Sesia* [nec *Sesia prosopiformis* OCHSENHEIMER 1808]; misdetermination (unavailable)
- P *Chamaesphecia* (*Scopulosphecia*) *schwingenschussi* (LE CERF 1937c:172), *Dipsosphecia*
- P *Chamaesphecia* (*Scopulosphecia*) *sefid* LE CERF 1938:95  
*modica* LE CERF 1938:95  
*vanensis* GORBUNOV 2001:117
- P *Chamaesphecia* (*Scopulosphecia*) *sertavulensis* GORBUNOV & ŠPATENKA 2001:86
- P *Chamaesphecia* (*Scopulosphecia*) *staudingeri* (FAILLA-TEDALDI 1890:28), *Sesia*
- P *Chamaesphecia* (*Scopulosphecia*) *tahira* KALLIES & PETERSEN 1995:76
- P *Chamaesphecia* (*Scopulosphecia*) *thracica* LAŠTUVKA 1983:207
- P *Chamaesphecia* (*Scopulosphecia*) *weidenhofferi* ŠPATENKA 1997a:39
- P *Chamaesphecia* (*Scopulosphecia*) *xantho* LE CERF 1937b:87
- P *Chamaesphecia* (*Scopulosphecia*) *xanthosticta* (HAMPSON [1893a]:197), *Sesia*
- P *Chamaesphecia* (*Scopulosphecia*) *zarathustra* GORBUNOV & ŠPATENKA 1992:255
- P *Chamaesphecia* (*Scopulosphecia*) *zimmermannii* (LEDERER 1872:13), *Sesia*  
- species incertae sedis (hereby excluded from *Chamaesphecia*)
- NL *Chamaesphecia atramentaria* ZUKOWSKY 1950:22
- NL *Chamaesphecia aurata* (EDWARDS 1881:190), *Aegeria*
- NL *Chamaesphecia borsanii* KÖHLER 1953:21
- NL *Chamaesphecia breyeri* KÖHLER 1941:7
- NL *Chamaesphecia penthetria* ZUKOWSKY 1936b:1240
- NL *Chamaesphecia pluto* ZUKOWSKY 1936b:1240
- E *Chamaesphecia andrianony* VIETTE 1982:45
- E *Chamaesphecia clathrata* LE CERF 1917:291
- E *Chamaesphecia lemur* LE CERF 1957:99
- E *Chamaesphecia seyrigi* LE CERF 1957:98
- O *Chamaesphecia tritonias* HAMPSON 1919:68
- Weismanniola* NAUMANN 1971:31 [*Sesia agdistiformis* STAUDINGER 1866, by monotypy];  
replacement name for *Weismannia* SPULER 1910  
*Weismannia* SPULER 1910:317 [*Sesia agdistiformis* STAUDINGER 1866, by monotypy]; preoccupied by TUTT  
1904 (Sphingidae)
- P *Weismanniola agdistiformis* (STAUDINGER 1866:54), *Sesia*

### Sesiinae Genera unassigned to Tribe:

- Alonina* WALKER 1856:62 [*Alonina rygchiiiformis* WALKER 1856, by monotypy]  
*Cicinnoscelis* HOLLAND 1893:182 [*Cicinnoscelis longipes* HOLLAND 1893, original designation]
- E *Alonina diffomis* HAMPSON 1919:78
- E *Alonina longipes* (HOLLAND 1893:183), *Cicinnoscelis*
- E *Alonina rygchiiiformis* WALKER 1856:63  
*rhynchiiiformis* HAMPSON 1919:78; incorrect emendation
- Anaudia* WALLENGREN 1863:138 [*Anaudia felderi* WALLENGREN 1863, by monotypy]
- E *Anaudia felderi* WALLENGREN 1863:138
- Augangela* MEYRICK 1932:338 [*Augangela xanthomias* MEYRICK 1932, by monotypy]
- O *Augangela xanthomias* MEYRICK 1932:338
- Austrosetia* FELDER 1874:2, pl. 82, gen. rev. [*Austrosetia semirufa* FELDER 1874, by monotypy]
- E *Austrosetia semirufa* FELDER 1874:2, comb. rev.
- Ceritrypetes* BRADLEY 1956:203 [*Ceritrypetes idiotropha* BRADLEY 1956, original designation]
- E *Ceritrypetes idiotropha* BRADLEY 1956:203
- Conopyga* FELDER 1861:27 [*Conopyga metallescens* FELDER 1861, by monotypy]
- O *Conopyga metallescens* FELDER 1861:27
- Crinipus* HAMPSON 1896:277 [*Crinipus leucozonipus* HAMPSON 1896, by monotypy]
- E,O *Crinipus leucozonipus* HAMPSON 1896:277

- Echidnathia* HAMPSON 1919:97 [*Tinthia vitrifasciata* HAMPSON 1910, original designation]  
 E *Echidnathia vitrifasciata* (HAMPSON 1910a:150), *Tinthia*
- Episannina* AURIVILLIUS 1905:44 [*Episannina chalybea* AURIVILLIUS 1905, by monotypy]  
*Sylphidia* LE CERF 1911c:305 [*Sylphidia perlucida* LE CERF 1911, by monotypy]  
 E *Episannina albifrons* (HAMPSON 1910a:151), *Lepidopoda*  
 E *Episannina chalybea* AURIVILLIUS 1905:45  
*pulchra* (LE CERF 1916b:13), *Sylphidia*  
 E *Episannina flavicincta* HAMPSON 1919:55  
 E *Episannina modesta* (LE CERF 1916b:13), *Sylphidia*  
 E *Episannina perlucida* (LE CERF 1911c:306), *Sylphidia*  
 E *Episannina zygaenura* MEYRICK 1933:416
- Erismatica* MEYRICK 1933:415 [*Erismatica erythropis* MEYRICK 1933, by monotypy]  
 E *Erismatica erythropis* MEYRICK 1933:415
- Grypopalpia* HAMPSON 1919:52 [*Grypopalpia iridescens* HAMPSON 1919, original designation]  
 E *Grypopalpia iridescens* HAMPSON 1919:53
- Gymnosophistis* MEYRICK 1934:454 [*Gymnosophistis thyrsoxa* MEYRICK 1934, by monotypy]  
 E *Gymnosophistis thyrsoxa* MEYRICK 1934:454
- Hovaesia* LE CERF 1957:99 [*Sesia donckieri* LE CERF 1912, original designation]  
 E *Hovaesia donckieri* (LE CERF 1912a:55), *Sesia*
- Hymenosphecia* LE CERF 1917:284 [*Hymenosphecia albomaculata* LE CERF 1917, original designation]  
*Hymenosphecia* LE CERF 1917:283; incorrect original spelling (unavailable)  
 E *Hymenosphecia albomaculata* LE CERF 1917:284
- Hypanthedon* HAMPSON 1919:62 [*Aegeria marisa* DRUCE 1899, original designation]  
 E *Hypanthedon marisa* (DRUCE 1899:205), *Aegeria*
- Idiopogon* MEYRICK 1934:456 [*Idiopogon uranopla* MEYRICK 1934, by monotypy]  
 E *Idiopogon uranopla* MEYRICK 1934:456
- Isocylindra* MEYRICK 1930b:584 [*Isocylindra melitosoma* MEYRICK 1930, by monotypy]  
 E *Isocylindra melitosoma* MEYRICK 1930b:584
- Lenyrhova* LE CERF 1957:97 [*Lenyra heckmanniae* AURIVILLIUS 1909, original designation]  
 E *Lenyrhova heckmanniae* (AURIVILLIUS 1909:342), *Lenyra*
- Lepidopoda* HAMPSON 1900:44 [*Lepidopoda heterogyna* HAMPSON 1900, by monotypy]  
 E *Lepidopoda pictipes* HAMPSON 1919:54  
 E *Lepidopoda sylphina* HAMPSON 1919:55  
 O *Lepidopoda andrepiclera* HAMPSON 1910b:94  
 O *Lepidopoda heterogyna* HAMPSON 1900:44  
 O *Lepidopoda lutescens* DIAKONOFF [1968]:224
- Leuthneria* DALLA TORRE 1925:149 [*Eublepharis ruficincta* FELDER 1874, by monotypy]; replacement name for *Eublepharis* FELDER 1874  
*Eublepharis* FELDER 1874:4 [*Eublepharis ruficincta* FELDER 1874]; by monotypy; preoccupied by GRAY 1827 (Reptilia)  
 E *Leuthneria ruficincta* (FELDER 1874:4), *Eublepharis*
- Megalosphecia* LE CERF 1916b:13 [*Megalosphecia gigantipes* LE CERF 1916, by monotypy]  
 E *Megalosphecia callosoma* HAMPSON 1919:78  
 E *Megalosphecia gigantipes* LE CERF 1916b:13  
 var. *obscura* LE CERF 1916b:13
- Melisophista* MEYRICK 1927:371 [*Melisophista geraropa* MEYRICK 1927, by monotypy]  
 E *Melisophista geraropa* MEYRICK 1927:371
- Metasphecia* LE CERF 1917:335 [*Metasphecia vuilleti* LE CERF 1917, original designation]  
 E *Metasphecia vuilleti* LE CERF 1917:335
- Mimocrypta* NAUMANN 1971:21 [*Cryptomima hampsoni* BUTLER 1902, by monotypy]; replacement name for *Cryptomima* BUTLER 1902  
*Cryptomima* BUTLER 1902:50 [*Cryptomima hampsoni* BUTLER 1902, by monotypy]; preoccupied by MEYRICK 1883 (Pyralidae)  
 E *Mimocrypta hampsoni* (BUTLER 1902:50), *Cryptomima*
- Monopetalotaxis* WALLENGREN 1859:135 [*Monopetalotaxis wahlbergi* WALLENGREN 1859 (= *Aegeria doleriformis* WALKER 1856), original designation]  
*Trochilina* FELDER 1874:9, pl. 82 [*Trochilina candescens* FELDER 1874, by monotypy]; preoccupied by GRAY 1868 (Mollusca)  
*Felderiola* NAUMANN 1971:17 [*Trochilina candescens* FELDER 1874, by monotypy]; replacement name for *Trochilina* FELDER 1874

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- E *Monopetalotaxis candescens* (FELDER 1874:9), *Trochilina*  
E *Monopetalotaxis chalciphora* HAMPSON 1919:59  
E *Monopetalotaxis doleriformis* (WALKER 1856:56), *Aegeria* [nec *Sesia doleriformis* HERRICH-SCHÄFFER 1846]  
*wahlbergi* WALLENGREN 1859:135  
*taylori* (DRUCE 1899:204), *Aegeria*  
E *Monopetalotaxis pyrocraspis* (HAMPSON 1910a:153), *Sciapteron*  
*Pedalonina* GAEDE 1929:528 [*Pedalonina semimarginata* GAEDE 1929, by monotypy]  
E *Pedalonina semimarginata* GAEDE 1929:528  
*Proaegeria* LE CERF 1916b:14 [*Proaegeria vouauxi* LE CERF 1916, by monotypy]  
E *Proaegeria vouauxi* LE CERF 1916b:14  
*Pseudomelittia* LE CERF 1917:240 [*Pseudomelittia berlandi* LE CERF 1917, original designation]  
E *Pseudomelittia andraenipennis* (WALKER 1856:69), *Melittia*  
E *Pseudomelittia berlandi* LE CERF 1917:241  
E *Pseudomelittia cingulata* GAEDE 1929:533  
*Thyranthrene* HAMPSON 1919:97 [*Lepidopoda obliquizona* HAMPSON 1910, original designation]  
E *Thyranthrene metazonata* HAMPSON 1919:97  
E *Thyranthrene obliquizona* (HAMPSON 1910c:506), *Lepidopoda*  
E *Thyranthrene squamata* GAEDE 1929:532  
*Tradescanticola* HAMPSON 1919:64 [*Sesia uniformis* SNELLEN 1900, original designation]  
O *Tradescanticola yildizae* KOCAK 1983:170; replacement name for *Sesia uniformis* SNELLEN 1900  
*uniformis* (SNELLEN 1900:34), *Sesia*; junior primary homonym of *Sesia thysbe* f. *uniformis* GROTE & ROBINSON 1868  
*Uranothyris* MEYRICK 1933:416 [*Uranothyris pterotarsa* MEYRICK 1933, by monotypy]  
E *Uranothyris pterotarsa* MEYRICK 1933:417  
*Vespanthedon* LE CERF 1917:329 [*Vespanthedon cerceris* LE CERF 1917, original designation]  
E *Vespanthedon cerceris* LE CERF 1917:330  
*Xenoses* DURRANT 1924:lxxv [*Xenoses macropus* DURRANT 1924, original designation]  
O *Xenoses macropus* DURRANT 1924:lxxv  
*Zhuosesia* YANG 1977:121 [*Zhuosesia zhuoxiana* YANG 1977, original designation]  
P *Zhuosesia zhuoxiana* YANG 1977:121

## Taxa excluded from Sesiidae

### 1. Genera transferred to **Oecophoridae (Stathmopodinae)**:

- Arauzona* WALKER [1865]:25 [*Arauzona basalis* WALKER 1865, by monotypy] [transferred by NAUMANN 1971 to Heliodinidae; transferred by HEPPNER & DUCKWORTH 1981]  
NL *Arauzona basalis* WALKER [1865]:26  
NL *Arauzona moorei* BUSCK 1913a:88 [transferred by HEPPNER & DUCKWORTH 1981]  
*Dolophrosynella* FLETCHER 1940:18 [*Dolophrosyne balteata* DURRANT 1919, original designation]; replacement name for *Dolophrosyne* DURRANT 1919 [established in Heliodinidae, included in error in Aegeriidae (= Sesiidae) by DALLA TORRE & STRAND 1925; transferred by DUCKWORTH & EICHLIN 1974]  
*Dolophrosyne* DURRANT 1919:120 [*Dolophrosyne balteata* DURRANT 1919, original designation]; preoccupied by PROUT 1918 (Notodontidae: Dioprinae)  
A *Dolophrosynella balteata* (DURRANT 1919:121), *Dolophrosyne*  
*Tinaegeria* WALKER 1856:260 [*Tinaegeria ochracea* WALKER 1856, subsequent designation by WALSINGHAM 1889:10] [transferred by FLETCHER 1929 to Schreckensteiniidae (= Heliodinidae); transferred by HEPPNER & DUCKWORTH 1981]  
NL *Tinaegeria clitarcha* MEYRICK 1921:442  
NL *Tinaegeria croconympha* MEYRICK 1921:441  
NL *Tinaegeria fasciata* WALKER 1856:261  
NL *Tinaegeria ochracea* WALKER 1856:260  
*aeneiceps* (FELDER & ROGENHOFER 1875:9), *Eretmocera*  
NL *Tinaegeria pyromantis* MEYRICK 1921:442

### 2. Species transferred to **Gelechiidae**:

- NL *Percnarcha lilloi* (KÖHLER 1941:6), *Gaea* [transferred by BECKER 1984]

3. Genera transferred to **Glyphipterigidae (Glyphipteriginae)**:

*Cotaena* WALKER [1865]:21 [*Cotaena mediana* WALKER 1865, by monotypy] [transferred by MEYRICK 1913 to Heliodinidae; transferred by HEPPNER & DUCKWORTH 1981]

NL *Cotaena mediana* WALKER [1865]:21

NL *Cotaena plenella* (BUSCK 1915b:61), *Glyphipteryx* [transferred by HEPPNER & DUCKWORTH 1981]

*Myrsila* BOISDUVAL [1875]:433 [*Myrsila auripennis* BOISDUVAL [1875], by monotypy] [transferred by HEPPNER & DUCKWORTH 1981]

NL *Myrsila auripennis* BOISDUVAL [1875]:433

4. Genera transferred to **Heliodinidae**:

*Bonia* WALKER 1862:83 [*Bonia unicolor* WALKER 1862, by monotypy] [transferred by HAMPSON 1919 to Heliodinidae, by HEPPNER & DUCKWORTH 1981 to Oecophoridae; treated in the Heliodinidae by NYE & FLETCHER 1991]

O *Bonia unicolor* WALKER 1862:83

*Anypoptus* DURRANT 1919:120 [*Sphecia tricolor* ROTHSCHILD 1912, original designation] [established in Heliodinidae, included in error in Aegeriidae (= Sesiidae) by DALLA TORRE & STRAND 1925; transferred by NAUMANN 1971]

O *Anypoptus tricolor* (ROTHSCHILD 1912:123), *Sphecia*

*Erectica* WALKER [1865]:20 [*Erectica fasciata* WALKER [1865], by monotypy] [transferred by FLETCHER & NYE 1982]

NL *Erectica fasciata* WALKER [1865]:21

5. Genera transferred to **Thyridididae (Charideinae)**:

*Toosa* WALKER 1856:64 [*Toosa glaucopiformis* WALKER 1856, by monotypy] [transferred by HAMPSON 1918]

E *Toosa glaucopiformis* WALKER 1856:65

*Cicinnocnemis* HOLLAND 1893:181 [*Cicinnocnemis cornuta* HOLLAND 1893, original designation] [transferred by HAMPSON 1918]

*Ninia* WALKER 1856:72 [*Sphinx plumipes* DRURY 1782 (= *Cicinnocnemis cornuta* HOLLAND 1893), by monotypy]; preoccupied by BAIRD & GIRARD 1853 (Reptilia)

E *Cicinnocnemis cornuta* HOLLAND 1893:181

*plumipes* (DRURY 1782: pl. 2: fig. 3), *Sphinx* [nec *Sphinx plumipes* DRURY 1773 (Arctiidae: Ctenuchinae)]

*Trichobaptus* HOLLAND 1893:184 [*Trichobaptus sexstriata* HOLLAND 1893 (= *Melittia auristrigata* PLÖTZ 1880), original designation] [transferred by HAMPSON 1918]

*Trichobates* HOLLAND 1893:184; incorrect original spelling (unavailable)

E *Trichobaptus auristrigata* (PLÖTZ 1880:77), *Melittia sexstriata* HOLLAND 1893:184

6. Species transferred to **Pyralidae (Pyraustinae/Spilomelinae)**:

NL *Trichaea hades* (DRUCE 1889:78), *Aegeria* [transferred by HAMPSON, see WALSINGHAM 1909-1915]

7. Species transferred to **Brachodidae**:

A *Miscera homotona* (SWINHOE 1892:36), *Balataea* [transferred by TURNER 1922]  
*heterozyga* TURNER, 1913:202

8. Genus transferred to **Urodidae**:

*Adixoana* STRAND [1913]:69 [*Adixoana auripyga* STRAND 1913, original designation] [transferred by KALLIES 2000]

E *Adixoana auripyga* STRAND [1913]:69

9. Genus transferred to **Zygaenidae (Procrinae)**:

*Artona* WALKER 1854

- subgenus *Balataea* WALKER [1865]:110 [*Balataea aegerioides* WALKER 1865 (= *Euchromia octomaculata* BREMER 1861), by monotypy] [transferred by NAUMANN 1971]

O *Artona* (*Balataea*) *octomaculata* (BREMER 1861), *Euchromia aegerioides* (WALKER [1865]:111), *Balataea*

10. Species transferred to **Sphingidae (Macroglossinae)**:

NL *Aellopos ceculus* (CRAMER 1777), *Sphinx*

*gehleni* (CLOSS 1922:118), *Sesia* [established in Sphingidae, included in error in Aegeriidae (= Sesiidae) by DALLA TORRE & STRAND 1925; transferred by HEPPNER & DUCKWORTH 1981]

11. Species transferred to **Arctiidae (Ctenuchinae)**:

P *Aethria leucaspis* (CRAMER 1775:83), *Sphinx* [transferred by HEPPNER & DUCKWORTH 1981]

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- N *Cosmosoma auge* (LINNAEUS 1767:807), *Sphinx*  
*omphale* HÜBNER [1823]: pl. [156] [assigned to *Aegeria* by SAY 1825, included in Aegeriidae (= Sesiidae) by  
DALLA TORRE & STRAND 1925; transferred by HEPPNER & DUCKWORTH 1981]
12. Species **incertae sedis** (hereby excluded from Sesiidae):
- NL *Synanthedon tineosphacia* ZUKOWSKY 1936b:1232
13. Species **erroneously assigned to Sesiidae** by DALLA TORRE & STRAND 1925 and HEPPNER & DUCKWORTH 1981:
- P *Brachodes nana* (TREITSCHKE, 1834:97) (Brachodidae) [as *Paranthrene nana* LEDERER 1853:68, nomen nudum<sup>14</sup>]
- P *Brachodes lucida* (LEDERER 1853: 68) (Brachodidae) [as *Trichocera myrmosaeformis* var. *lucida* (LEDERER 1853), nomen nudum<sup>14</sup>]

## Appendix

### Sphingidae taxa originally described as *Sesia* spp.

(never assigned to Sesiidae, but available for homonymy)

- P *Hemaris affinis* (BREMER 1861:475), *Macroglossa*  
*alternata* (BUTLER 1874:366), *Sesia*  
*whitelyi* (BUTLER 1874:367), *Sesia*
- P *Hemaris (Mandarina) radians* (WALKER 1856:84), *Sesia*
- P,O *Hemaris (Saundersia) saundersii* (WALKER 1856:83), *Sesia*
- N *Hemaris diffinis* (BOISDUVAL 1836: pl. 15, fig. 2), *Macroglossa*  
*axillaris* (GROTE & ROBINSON 1868:180), *Sesia*  
*grotei* (BUTLER 1874:365), *Sesia*
- N *Hemaris thysbe* (FABRICIUS 1775:548), *Sesia*  
*cimbiciformis* (STEPHENS 1828:135), *Sesia*  
*ruficaudis* (KIRBY 1837:303), *Sesia*  
*fuscicaudis* (WALKER 1856:83), *Sesia*  
var. *uniformis* GROTE & ROBINSON 1868:181, *Sesia*
- N,NL *Aellopos fadus* (CRAMER [1776]:95, 152 (index), pl. 61, fig. C), *Sphinx*  
f. *flavosignata* (CLOSS 1916:200), *Sesia*
- NL *Aellopos clavipes* (ROTHSCHILD & JORDAN 1903:436), *Sesia*  
*eumelas* (JORDAN 1924:298), *Sesia*
- NL *Aellopos titan aguacana* (GEHLEN 1944:166), *Sesia*
- O,A *Cephonodes hylas* (LINNAEUS 1771:539), *Sphinx*  
*cunninghami* (WALKER 1856:85), *Sesia*
- P *Macroglossum passalus* (DRURY 1773: pl. 29, fig. 2), *Sphinx*  
*pandora* (FABRICIUS 1793:380), *Sesia*
- O *Sataspes infernalis* (WESTWOOD 1848:[61], pl. 30, fig. 3), *Sesia*

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<sup>14</sup>) LEDERER (1853), p. 126: "Pag. 68. Die ersten 2 Namen gehören am Schlusse der ersten Spalte von Pag. 67 nach *N. chimaera* [Page 68. The first 2 names belong to the end of the first column of p. 67 after *N. chimaera*!"; therefore they do not belong to *Paranthrena* !

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