

# THE WITT CATALOGUE

## A Taxonomic Atlas of the Eurasian and North African Noctuoidea

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- The revisions are based on the examination of the type specimens, guaranteed the highest scientific standard;
- All taxa are shown on high quality colour plates;
- The magnified images help the correct identification of the taxa making the external features better visible while the natural sized pictures are intended to display the individual and geographical variability of the species;
- The genital apparatuses of all taxa (species and subspecies) are figured in high quality black & white pictures.

### THE WITT CATALOGUE

A TAXONOMIC ATLAS OF THE  
EURASIAN AND NORTH AFRICAN  
NOCTUOIDEA

#### PLUSIINAE I

LÁSZLÓ RONKAY, GÁBOR RONKAY  
& GOTTFRIED BEHOUNEK



### THE WITT CATALOGUE

A TAXONOMIC ATLAS OF THE  
EURASIAN AND NORTH AFRICAN  
NOCTUOIDEA

#### CUCULLIINAE I

GÁBOR RONKAY & LÁSZLÓ RONKAY



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#### PLUSIINAE II

Gottfried Behounek, László Ronkay  
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#### CUCULLIINAE II and PSAPHIDINAE

Gábor Ronkay, László Ronkay  
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### PLUSIINAE I

LÁSZLÓ RONKAY, GÁBOR RONKAY  
& GOTTFRIED BEHOUNEK



HETEROCERA  
PRESS

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# Taxonomic and nomenclatural summary

## Type designations

### Lectotype designations

- Phytometra crassisigna* Warren, 1913 – *Macdunnoughia crassisigna* (Warren, 1913)  
*Phytometra chryson* ssp. *pales* Mell, 1939 – *Diachrysia pales* (Mell, 1939)  
*Plusia bieti* Oberthür, 1884 – *Diachrysia bieti* (Oberthür, 1884)  
*Plusia nadeja* Oberthür, 1880 – *Diachrysia nadeja* (Oberthür, 1880)  
*Plusia variabilis* var. *uralensis* Eversmann, 1842 – *Euchalcia variabilis uralensis* (Eversmann, 1842)  
*Plusia renardi* Eversmann, 1844 – *Euchalcia renardi* (Eversmann, 1844)  
*Plusia inconspicua* Graeser, 1892 – *Euchalcia inconspicua* (Graeser, 1892)  
*Phytometra inconspicua* ssp. *shugnana* Sheljuzhko, 1929 – *Euchalcia shugnana* Sheljuzhko, 1929  
*Plusia emichi* Rogenhofer & Mann, 1873 – *Euchalcia emichi* (Rogenhofer & Mann, 1873)  
*Plusia emichi* var. *dorsiflava* Standfuss, 1892 – *Euchalcia dorsiflava* Standfuss, 1892  
*Plusia tancrei* Staudinger, 1895 – *Platoplusia tancrei* (Staudinger, 1895)  
*Plusia mikadina* Butler, 1878 – *Lamprotes mikadina* (Butler, 1878)  
*Plusidia abrostoloides* Butler, 1879 – *Plusidia cheiranthi abrostoloides* Butler, 1879  
*Plusidia separanda* Warren, 1913 – *Plusidia cheiranthi abrostoloides* Butler, 1879  
*Plusia pulchrina* var. *buraetica* Staudinger, 1892 – *Autographa buraetica* (Staudinger, 1892)  
*Plusia argyrosigna* Moore, 1882 – *Autographa argyrosigna* (Moore, 1882)  
*Plusia purpureofusa* Hampson, 1894 – *Autographa purpureofusa* (Hampson, 1894)  
*Caloplusia hochenwarthi* ssp. *cuprina* Warren, 1913 – *Syngrapha hochenwarthi cuprina* (Warren, 1913)  
*Caloplusia hochenwarthi* var. *alaica* Galvagni, 1906 – *Syngrapha alaica alaica* (Galvagni, 1906)  
*Plusia hochenwarthi* var. *tibetana* Staudinger, 1895 – *Syngrapha tibetana* (Staudinger, 1895)

## Newly described taxa

### Newly described genera

- Platoplusia* gen. n.  
*Chlorochrysia* gen. n.

### Newly described species

- Diachrysia oberthueri* sp. n.  
*Diachrysia witti* sp. n.  
*Euchalcia gyulaii* sp. n.  
*Euchalcia anthea* sp. n.  
*Euchalcia eva* sp. n.  
*Euchalcia erzsebet* sp. n.  
*Euchalcia seitzi* sp. n.

### Newly described subspecies

*Polychrysia esmeralda marusiki* **ssp. n.**

*Syngrapha alaica kardongi* **ssp. n.**

*Syngrapha ain persibirica* **ssp. n.**

### Revised status, stat. rev.

#### Raised to species

*Diachrysia pales* (Mell, 1939) **stat. rev.**

*Euchalcia mongolica* (Staudinger, 1901) **stat. rev.**

*Euchalcia obscurior* Alberti, 1965 **stat. rev.**

*Syngrapha alaica* (Galvagni, 1906) **stat. rev.**

#### Raised to subspecies

*Plusidia cheiranthi abrostoloides* Butler, 1879 **stat. rev.**

*Syngrapha ottolenguii nyiwonis* Matsumura, 1925 **stat. rev.**

#### Downgraded to subspecies

*Euchalcia hyrcaniae armeniae* Dufay, 1965 **stat. rev.**

### New synonyms

#### Taxa previously regarded as valid genus

*Pseudochalcia* Klyuchko, 1984 **syn. n.** of *Euchalcia* Hübner, [1821]

#### Taxa previously regarded as valid subgenus

*Tetrargentia* Beck, 1991, **syn. n.** of *Panchrysia* Hübner, [1821]

#### Taxa previously regarded as valid species

*Phytometra coreae* Bryk, 1949 **syn. n.** of *Diachrysia pales* (Mell, 1939)

*Autographa ternei* Klyuchko, 1984 **syn. n.** of *Autographa buraetica* (Staudinger, 1892)

*Autographa sino-occidentalis* Chou & Lu, 1979 **syn. n.** of *Autographa mandarina* (Freyer, 1845)

*Autographa lehri* Klyuchko, 1984 **syn. n.** of *Autographa mandarina* (Freyer, 1845)

*Autographa nekrasovi* Klyuchko, 1985 **syn. n.** of *Autographa camptosema* (Hampson, 1913)

*Autographa y-minus* Chou & Lu, 1979 **syn. n.** of *Autographa nigrisigna* (Walker, 1857)

*Syngrapha gilarovi* Klyuchko, 1983 **syn. n.** of *Syngrapha interrogationis transbaikalensis* (Staudinger, 1892)

## Taxa previously regarded as valid subspecies

*Euchalcia variabilis* ssp. *fuscolivacea* Varga & Ronkay, 1984 **syn. n.** of *Euchalcia variabilis* (Piller & Mitterpacher, 1783)

## New combinations

*Euchalcia shugnana* (Sheljuzhko, 1929) **comb. n.**

*Euchalcia inconspicua* (Graeser, 1892) **comb. n.**

*Panchrysia marmorea* (Ronkay, 1986) **comb. n.**

*Platoplusia tancrei* (Staudinger, 1895) **comb. n.**

*Chlorochrysia hampsoni* (Leech, 1900) **comb. n.**

## Omitted species

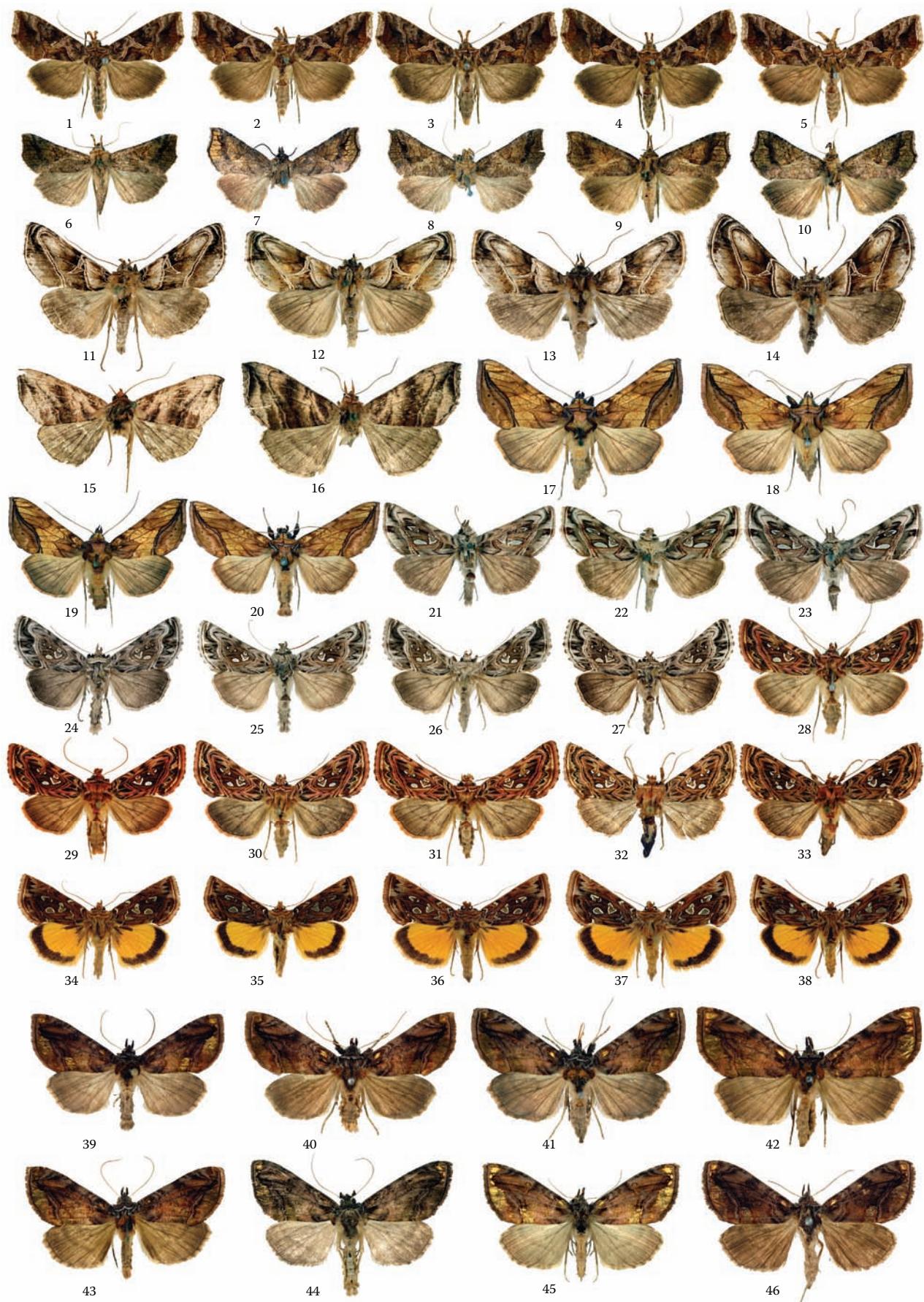
*Plusia nichollae* (Hampson, 1913). The former record from Russian Far East (Chukotka) was based on the misidentification of *Plusia festucae* (Linnaeus, 1758) (Klyuchko and Kononenko 1994). The correction was published by Kononenko (2006) in the first volume of the Noctuidae Sibiricae. In fact, *Plusia nichollae* has never been found in Asia.

## Incertae sedis

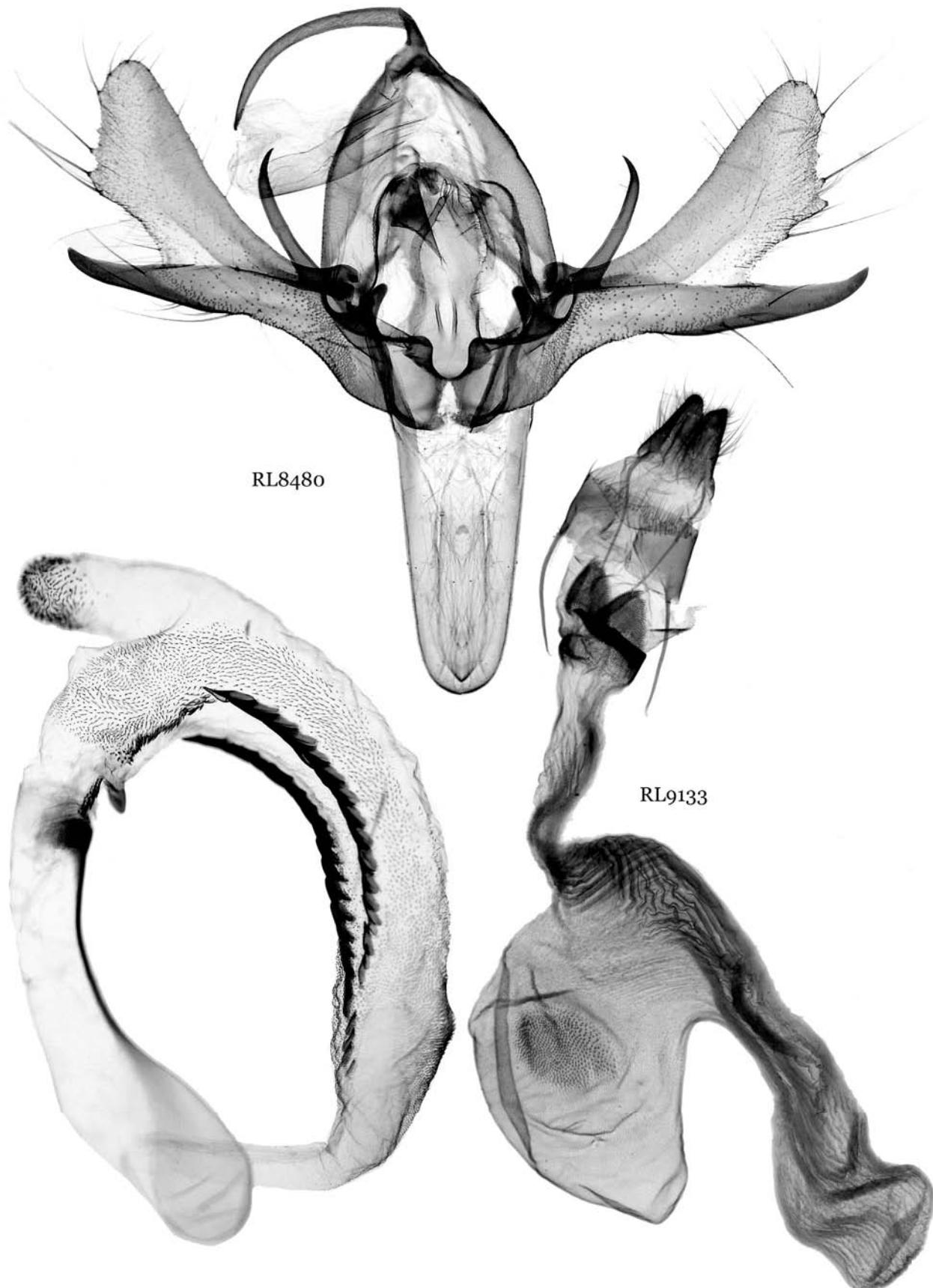
*Plusia bartholomaeii* Ménétriés, 1859, *Bulletin de la Classe-Physico-Mathématique de l'Académie Impériale de St Pétersburg*, 17: 315. Type-locality: [Azerbaijan] Talysh Mts, Lenkoran. Type(s): in coll. ZIN but not found in this present study. Thus, *bartholomaeii* is considered here as incertae sedis although it is probably the first recognition of the taxon *Autographa iota anatolica* (Schwingenschuss, 1938).

1. *Macdunnoughia hybrida* Ronkay, 1986 male, South Korea2. *Macdunnoughia hybrida* Ronkay, 1986 Paratype female, North Korea3. *Macdunnoughia purissima* (Butler, 1878) male, North Korea4. *Macdunnoughia purissima* (Butler, 1878) female, South Korea5. *Macdunnoughia tetragona* (Walker, 1857) male, Nepal6. *Macdunnoughia tetragona* (Walker, 1857) female, Taiwan7. *Sclerogenia jessica* (Butler, 1878) male, Pakistan8. *Sclerogenia jessica* (Butler, 1878) female, Nepal

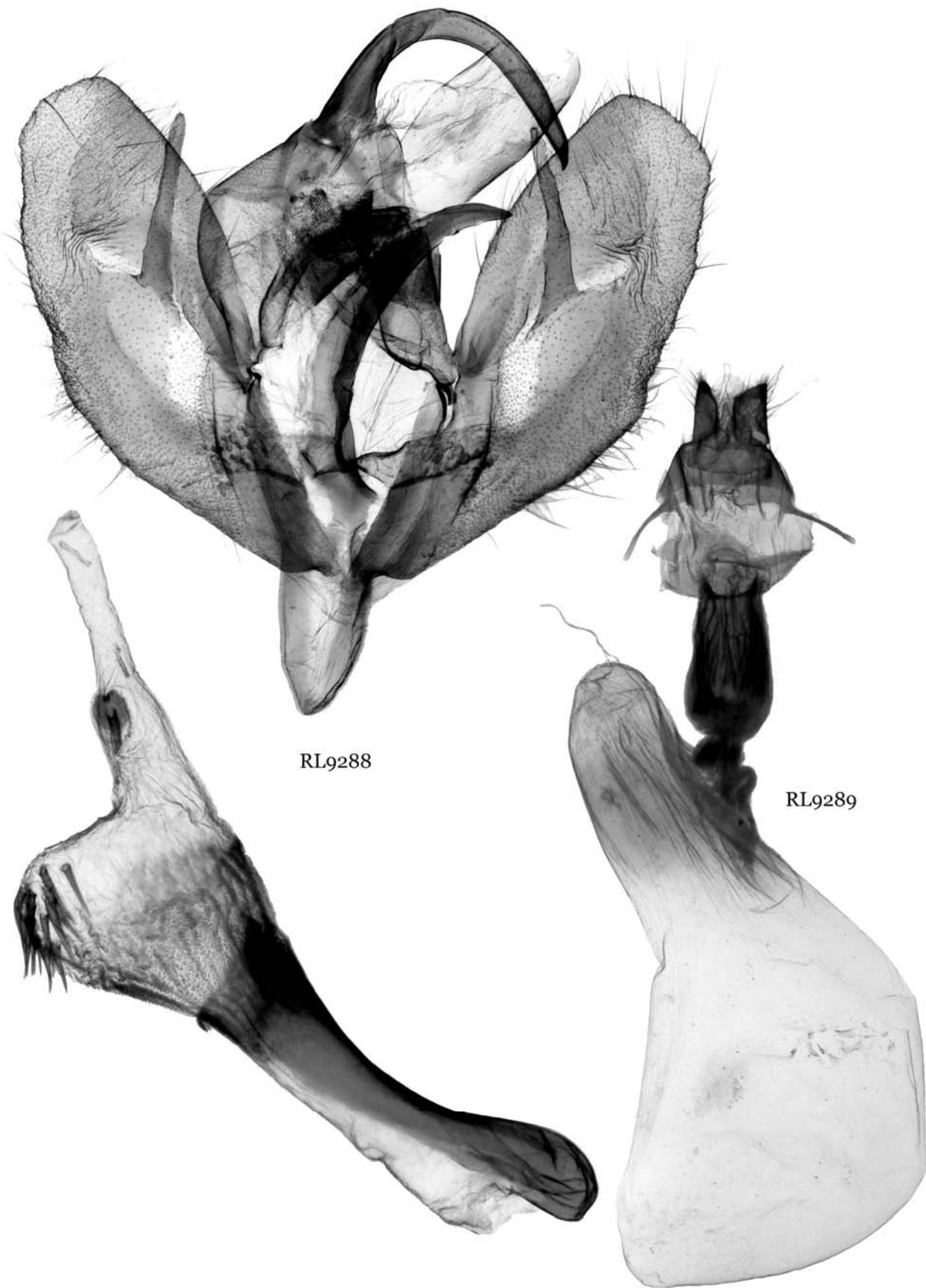
1. *Polychrysia splendida* (Butler, 1878) male, Russian Far East2. *Polychrysia splendida* (Butler, 1878) female, Russian Far East3. *Polychrysia sica* (Graeser, 1890) male, Manchuria4. *Polychrysia sica* (Graeser, 1890) Holotype female, Russian Far East5. *Polychrysia imperatrix* (Draudt, 1950) male, China, Yunnan6. *Polychrysia imperatrix* (Draudt, 1950) female, China, Gansu7. *Panchrysia marmorea* Ronkay, 1986 male, China, Sichuan8. *Panchrysia marmorea* Ronkay, 1986 Holotype female, China, Sichuan







Gen. fig. 4. *Macdunnoughia crassisigna* (Warren, 1913)



Gen. fig. 54. *Euchalcia kitchingi* Hacker & Ronkay, 1992

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# Taxonomic and nomenclatural summary

## Type designations

### Lectotype designations

*Dasysternum tibetanum* Staudinger, 1896 – *Cucullia tibetana* (Staudinger, 1896)

*Cucullia macara* Rebel, 1947

*Cucullia generosa* Staudinger, 1889

*Cucullia defecta* Staudinger – *Cucullia praecana* Eversmann, 1843

*Cucullia maculosa* Staudinger, 1888

*Cucullia alpherakyi* Staudinger, 1896 – *Cucullia gnaphalii* Hübner, [1813]

*Cucullia lactucae* ssp. *pustulata* Eversmann, 1842 – *Cucullia pustulata* Eversmann, 1842

*Cucullia biornata* f. *lobnorica* Draudt, 1934 – *Cucullia biornata* Fischer von Waldheim, 1840

*Cucullia distinguenda* Staudinger, 1892

*Cucullia maracandica* Staudinger, 1888

*Cucullia calendulae* var. *amoenissima* Oberthür, 1918 – *Cucullia santolinae* Rambur, 1834

*Cucullia tosca* Bang-Haas, 1912 – *Cucullia inderiensis* Herrich-Schäffer, 1855

*Cucullia duplicata* Staudinger, 1882

*Cucullia achilleae* Guenée, 1852

*Cucullia vicina* Bang-Haas, 1912

*Cucullia anthemidis* Guenée, 1852 – *Cucullia dracunculi* Hübner, 1813

## Newly described taxa

### Newly described species

*Cucullia dierli* Ronkay & Ronkay **sp. n.**

*Cucullia wiltshirei* Ronkay, Ronkay & Legrain **sp. n.**

*Cucullia miraculosa* Ronkay & Ronkay **sp. n.**

*Cucullia hunza* Ronkay & Ronkay **sp. n.**

*Cucullia grandpeteri* Ronkay & Ronkay **sp. n.**

*Cucullia diverticulata* Ronkay & Ronkay **sp. n.**

### Newly described subspecies

*Cucullia syrtana canaria* Ronkay & Ronkay **ssp. n.**

*Cucullia papoka clarescens* Ronkay & Ronkay **ssp. n.**

- Cucullia boryphora oreomorpha* Ronkay & Ronkay **ssp. n.**  
*Cucullia virgaureae tianshanica* Ronkay & Ronkay **ssp. n.**  
*Cucullia asteris heptapotamica* Ronkay & Ronkay **ssp. n.**  
*Cucullia kurilullia expulsa* Ronkay & Ronkay **ssp. n.**  
*Cucullia elongata acutipennis* Ronkay & Ronkay **ssp. n.**

## Revised status, stat. rev.

Raised to genus

*Calocucullia* Ronkay & Ronkay, 1987 **stat. rev.**

Raised to species

- Cucullia infuscata* Tshetverikov, 1925 **stat. rev.**  
*Cucullia achalina* Püngeler, 1901 **stat. rev.**  
*Cucullia pustulata* Eversmann, 1842 **stat. rev.**  
*Cucullia yuennanensis* Boursin, 1941 **stat. rev.**

Downgraded to subspecies

- Cucullia pustulata fraterna* Butler, 1878 **stat. rev.**  
*Cucullia turkestanica implicata* Ronkay & Ronkay, 1987 **stat. rev.**

## New synonyms

Taxa previously regarded as valid genera

- Dasysternum* Staudinger, 1895 **syn. n.** of *Cucullia* Schrank, 1802  
*Metlaouia* Dumont, 1929 **syn. n.** of *Cucullia* Schrank, 1802

Taxa previously regarded as valid species

- Dasysternum glaux* Draudt, 1934 **syn. n.** of *Cucullia tibetana* (Staudinger, 1895)  
*Cucullia marmorea* Boursin, 1941 **syn. n.** of *Cucullia hostilis* Boursin, 1934  
*Cucullia galleti* Rungs, 1972 **syn. n.** of *Cucullia hemidiaphana* Graeser, 1888  
*Cucullia epargyra* Boursin, 1941 **syn. n.** of *Cucullia argentea* (Hufnagel, 1766)  
*Cucullia citella* Ronkay & Ronkay, 1988 **syn. n.** of *Cucullia tecca pallidiscripta* Ronkay & Ronkay, 1988  
*Cucullia tosca* Bang-Haas, 1912 **syn. n.** of *Cucullia inderiensis* Herrich-Schäffer, 1855

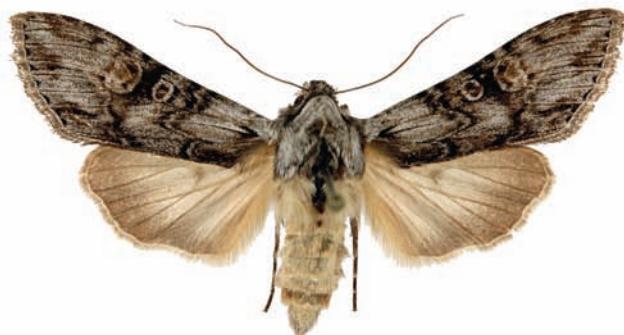
Taxa previously regarded as valid subspecies

- Calocucullia celsiae levantina* Hacker, 2001 **syn. n.** of *Calocucullia celsiae* (Herrich-Schäffer, 1850)  
*Cucullia macara benderi* Boursin, 1963 **syn. n.** of *Cucullia macara* Rebel, 1947

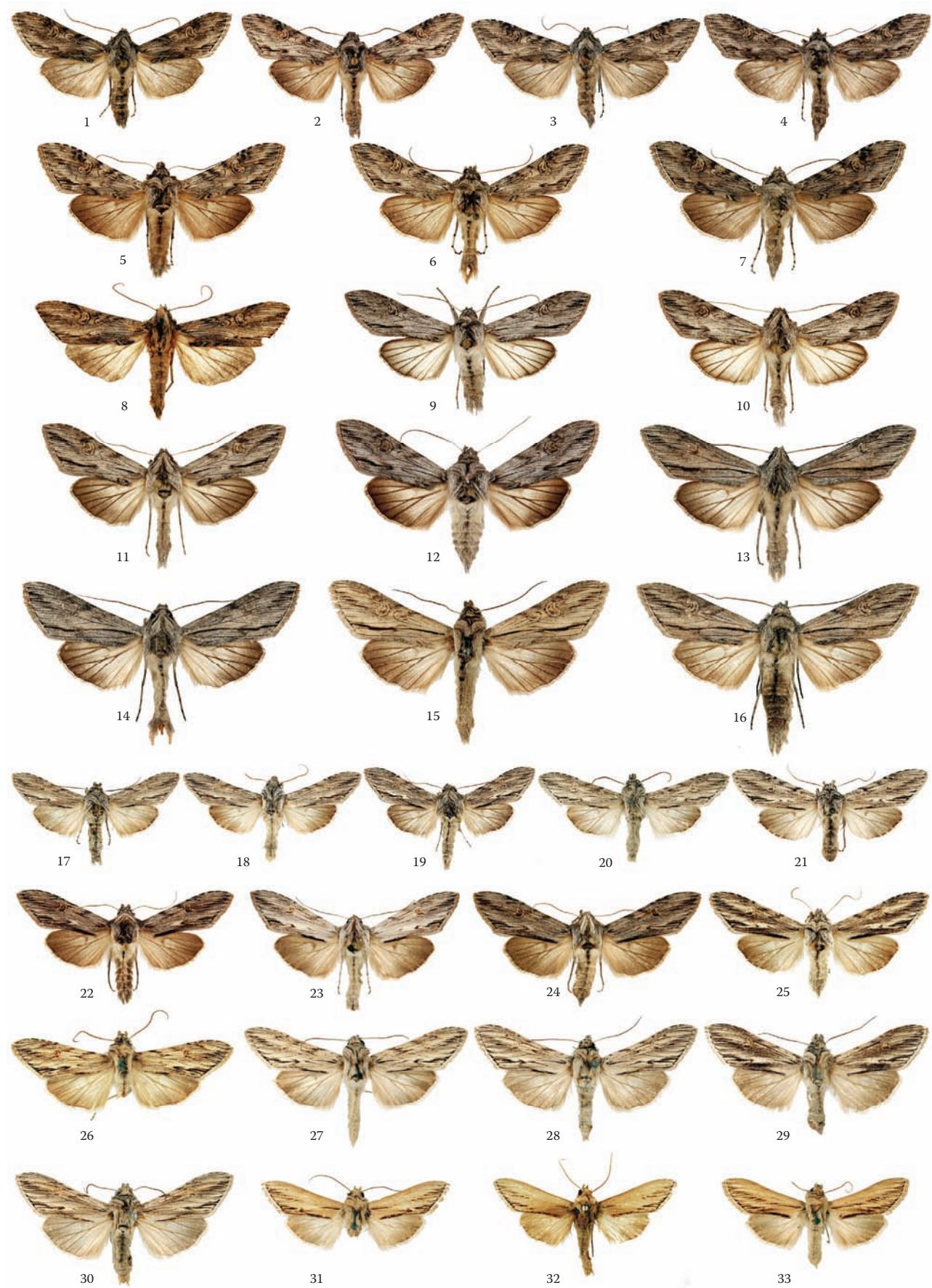
- Cucullia defecta* Staudinger, 1897 **syn. n.** of *Cucullia praecana* Eversmann, 1843  
*Cucullia efflatouni* Wiltshire, 1948 (*Cucullia hemidiaphana efflatouni* sensu Hacker 2001) **syn. n.** of *Cucullia hemidiaphana* Graeser, 1888  
*Cucullia argentea* var. *subcaerulea* Staudinger, 1901 **syn. n.** of *Cucullia argentea* (Hufnagel, 1766)  
*Cucullia lindei orientalis* Ronkay & Ronkay, 1994 **syn. n.** of *Cucullia lindei* Heyne, 1899  
*Cucullia artemisiae* var. *perspicua* Warnecke, 1919) **syn. n.** of *Cucullia artemisiae* (Hufnagel, 1766)  
*Cucullia nokra argentinoides* Rungs, 1967 **syn. n.** of *Cucullia nokra* Rungs, 1952  
*Cucullia biornata* f. *lobnorica* Draudt, 1934 **syn. n.** of *Cucullia biornata* Fischer von Waldheim, 1840  
*Cucullia calendulae* var. *amoenissima* Oberthür, 1918 **syn. n.** of *Cucullia santolinae santolinae* Rambur, 1834  
*Cucullia santolinae* var. *caucasica* Sohn-Rethel, 1929 **syn. n.** of *Cucullia tecca tecca* Püngeler, 1906  
*Cucullia tecca pallidiscripta* Ronkay & Ronkay, 1988 **stat. rev.** of *Cucullia santolinae pallidiscripta* Ronkay & Ronkay, 1988  
*Cucullia wredowi hermiguae* Pinker & Bacallado, 1979 **syn. n.** of *Cucullia calendulae* Treitschke, 1835  
*Cucullia improba muelleri* Hacker, 2001 **syn. n.** of *Cucullia improba* Christoph, 1885  
*Cucullia anthemidis* Guenée, 1852 **syn. n.** of *Cucullia dracunculi* Hübner, 1813

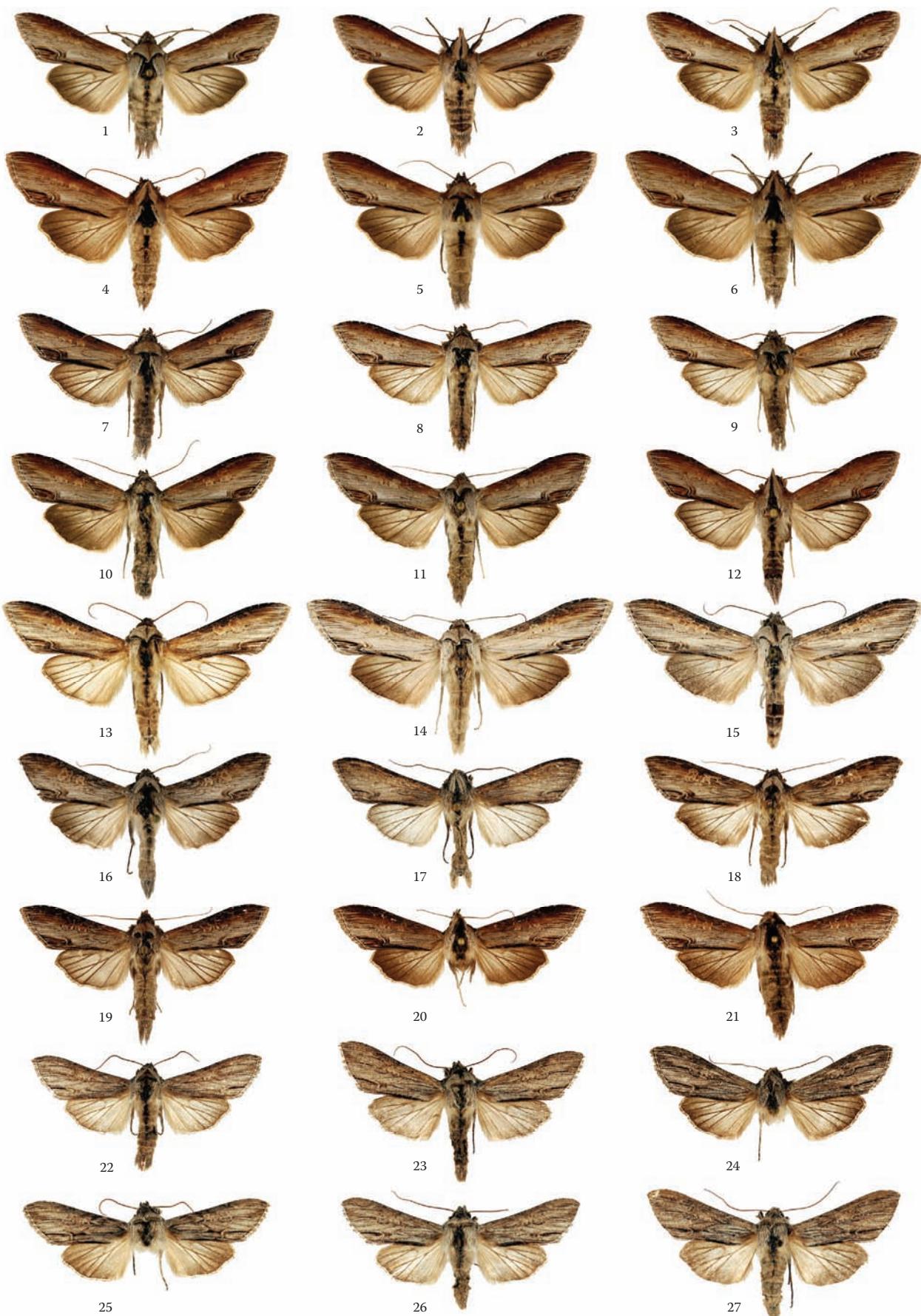
#### New combinations

- Cucullia tibetana* (Staudinger, 1895) **comb. n.**  
*Cucullia oberthueri* (Culot, 1909) **comb. n.**

1. *Cucullia reecta gabrieli* Ronkay & Ronkay, 1998 Paratype male, Nepal2. *Cucullia reecta gabrieli* Ronkay & Ronkay, 1998 Paratype female, Nepal3. *Cucullia formosa* Rogenhofer, 1860 male, Hungary4. *Cucullia formosa* Rogenhofer, 1860 female, Hungary5. *Cucullia absinthii* (Linnaeus, 1761) male, Hungary6. *Cucullia absinthii* (Linnaeus, 1761) female Russia, Transbaikalia7. *Cucullia hemidiaphana* Graeser, 1888 male, Pakistan, Hindukush Mts8. *Cucullia hemidiaphana* Graeser, 1888 male, Tadzhikistan, Pamir Mts

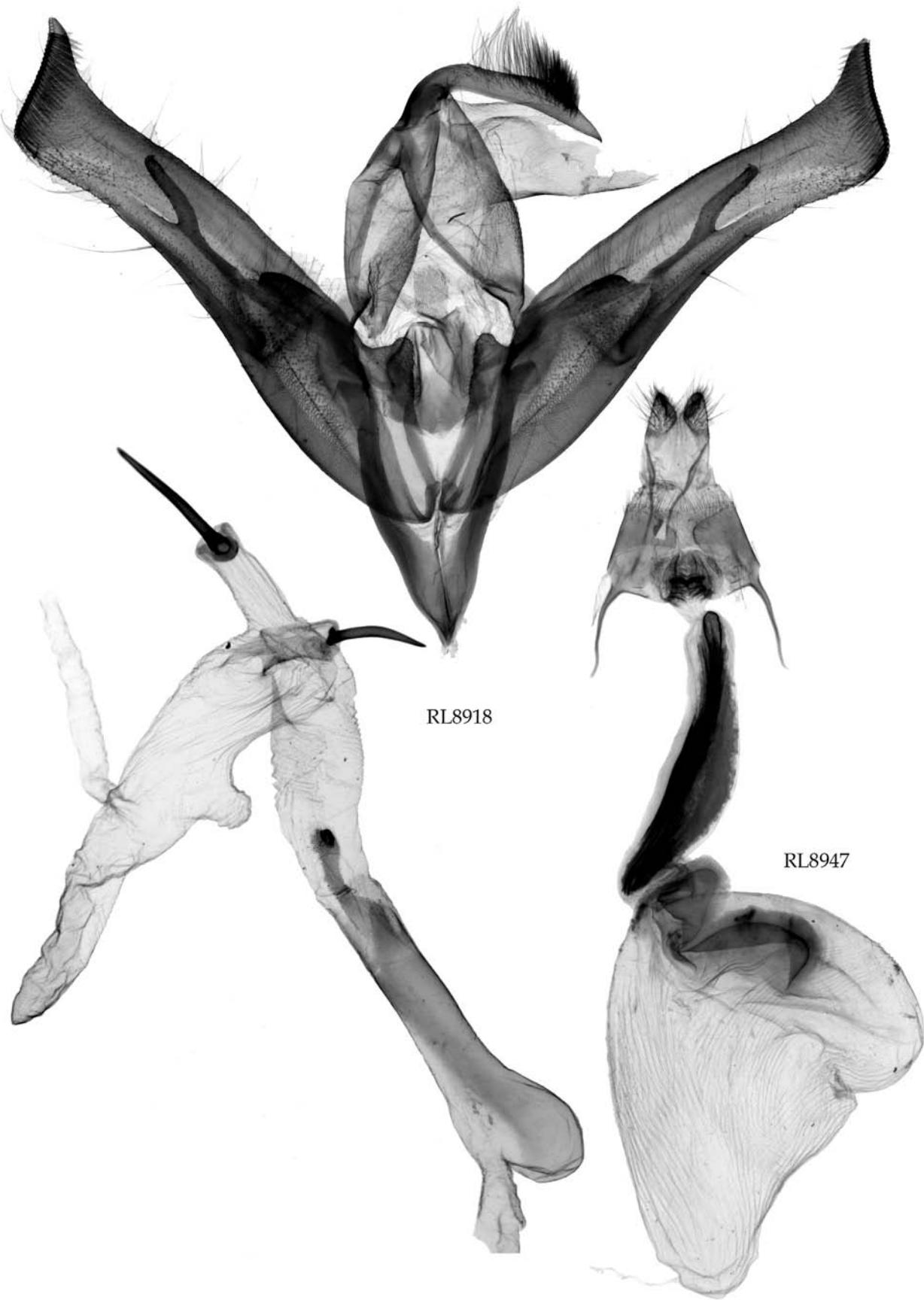
1. *Cucullia petrophila* Ronkay & Ronkay, 1998 Paratype male, Afghanistan2. *Cucullia petrophila* Ronkay & Ronkay, 1998 Paratype female, Uzbekistan3. *Cucullia xerophila* Ronkay & Ronkay, 1998 Holotype male, Turkmenistan4. *Cucullia xerophila* Ronkay & Ronkay, 1998 Paratype female, Turkmenistan5. *Cucullia lactea* (Fabricius, 1787) male, Russia, Uralsk6. *Cucullia lactea* (Fabricius, 1787) female, Turkey7. *Cucullia vicina* Bang-Haas, 1912 male, Kazakhstan8. *Cucullia vicina* Bang-Haas, 1912 female, Kazakhstan







Gen. fig. 9. *Cucullia anthocharis* Boursin, 1969

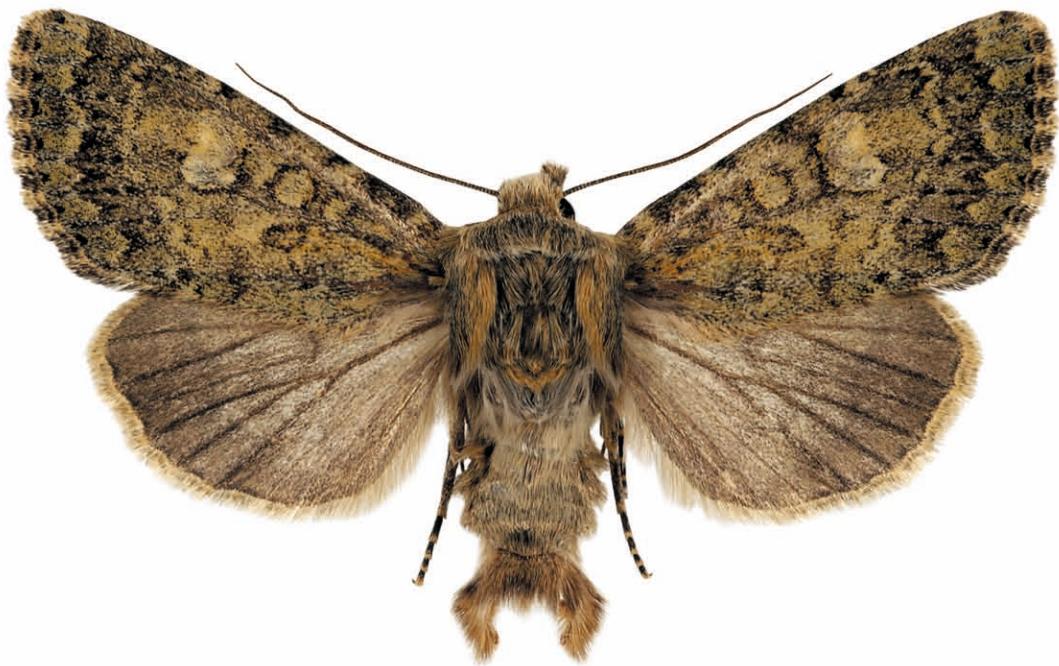
Gen. fig. 141. *Cucullia diverticulata* sp. n.

# THE WITT CATALOGUE

## A TAXONOMIC ATLAS OF THE EURASIAN AND NORTH AFRICAN NOCTUOIDEA

### APAMEINI I

ALBERTO ZILLI, ZOLTÁN VARGA,  
GÁBOR RONKAY & LÁSZLÓ RONKAY



HETEROCERA  
PRESS

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# Taxonomic and nomenclatural summary

The authors of all newly described genera, subgenera, species and subspecies are the authors of the volume (Zilli, Varga, Ronkay & Ronkay), except in the following three taxa, *Apamea (A.) rjaboviana rjaboviana*, *A. (A.) rjaboviana daghestanica* and *A. (A.) euxinia filipjevi*, which are described in co-authorship with Kauri Mikkola (Mikkola, Varga, Zilli, Ronkay & Ronkay).

## Type designations

### Lectotype designations

- Parastichtis monoglypha maroccana* Zerny, 1934 – *Apamea (Apamea) maroccana* (Zerny, 1934)  
*Hadena veterina* Lederer, 1853 – *Apamea (Apamea) veterina* Lederer, 1853  
*Polia platinea* Treitschke, 1825 – *Apamea (Apamea) platinea* (Treitschke, 1825)  
*Eremobia platinea atlantica* Zerny, 1934 – *Apamea (Apamea) platinea atlantica* (Zerny, 1934)  
*Hadena platinea* var. *reisseri* Bubacek, 1926 – *Apamea (Apamea) platinea reisseri* (Bubacek, 1926)  
*Eremobia platinea splendida* Reisser, 1935 – *Apamea (Apamea) platinea reisseri* (Bubacek, 1926)  
*Hadena lateritia* var. *expallescens* Staudinger, 1882 – *Apamea (Apamea) lateritia expallescens* (Staudinger, 1882)  
*Polia zeta* Treitschke, 1825 – *Apamea (Apamea) zeta* (Treitschke, 1825)  
*Hadena ingloria* Bang-Haas, 1912 – *Apamea ingloria* (Bang-Haas, 1912)  
*Hadena maillardi* var. *schildei* Staudinger, 1901 – *Apamea (Apamea) schildei* (Staudinger, 1901)  
*Hadena basilinea* var. *grisescens* Staudinger, 1889 – *Apamea (Apamea) sordens* (Hufnagel, 1766)  
*Hadena basilinea* var. *basistriga* Staudinger, 1892 – *Apamea (Apamea) sordens* (Hufnagel, 1766)  
*Hadena rurea* var. *extincta* Staudinger, 1889 – *Apamea (Apamea) extincta* (Staudinger, 1889)  
*Luceria pyxina* A. Bang-Haas, 1910 – *Apamea (Apamea) anceps* ([Denis & Schiffermüller], 1775)  
*Hadena leucodon* Eversmann, 1837 – *Apamea (Apamea) leucodon* (Eversmann, 1837)  
*Hadena leucodon anatolica* Rebel, 1933 – *Apamea (Apamea) leucodon* (Eversmann, 1837)  
*Hadena hepatica* var. *discrepans* Staudinger, 1892 – *Apamea (Apamea) aquila discrepans* Staudinger, 1892  
*Parastichtis perstriata* Hampson, 1908 – *Apamea (Apamea) perstriata* (Hampson, 1908)  
*Apamea obliquiorbis* Moore, 1882 – *Apamea (Apamea) sodalis* (Butler, 1878)  
*Mamestra terranea* Butler, 1889 – *Apamea (Apamea) terranea* (Butler, 1889)  
*Xylophasia fasciata* Leech, 1900 – *Apamea (Apamea) fasciata* (Leech, 1900)  
*Apamea nubila* Moore, 1881 – *Leucapamea nubila* Moore, 1881  
*Lasiplexia hampsoni* Boursin, 1943

## Newly described taxa

### Newly described genera

*Genoveva* gen. n.  
*Hoenapamea* gen. n.  
*Mohapamea* gen. n.  
*Oriasapamea* gen. n.  
*Fahejbarna* gen. n.  
*Pluviapamea* gen. n.

### Newly described subgenera

*Alexapamea* subgen. n.  
*Hirudapamea* subgen. n.  
*Mixtapamea* subgen. n.  
*Digitapamea* subgen. n.  
*Vovapamea* subgen. n.  
*Cernauncus* subgen. n.  
*Zolimonpta* subgen. n.

### Newly described species

*Genoveva eximia* sp. n.  
*Mohapamea fansipana* sp. n.  
*Oriasapamea terrificata* sp. n.  
*Fahejbarna gigantea* sp. n.  
*Apamea (Alexapamea) carbomixta* sp. n.  
*Apamea (Digitapamea) sugii* sp. n.  
*Apamea (Digitapamea) changi* sp. n.  
*Apamea (Digitapamea) supraconcinna* sp. n.  
*Apamea (Cernauncus) expansa* sp. n.  
*Apamea (Apamea) damascena* sp. n.  
*Apamea (Apamea) rjaboviana* sp. n.  
*Apamea (Apamea) lacticolor* sp. n.  
*Apamea (Apamea) hreblayi* sp. n.  
*Apamea (Apamea) fenesbarna* sp. n.  
*Apamea (Apamea) rezbanyaii* sp. n.  
*Apamea (Apamea) propinqua* sp. n.  
*Apamea (Apamea) lacanobina* sp. n.  
*Apamea (Apamea) ikerfasciata* sp. n.  
*Apamea (Apamea) herczi* sp. n.  
*Loscopia scotoptera* sp. n.  
*Loxopamea adrienneae* sp. n.  
*Leucapamea variana* sp. n.  
*Leucapamea kononenkoi* sp. n.  
*Leucapamea inouei* sp. n.  
*Leucapamea feketeanyaka* sp. n.  
*Leucapamea arancia* sp. n.

*Pluviapamea hakulakta* sp. n.

*Antapamea viridifusa* sp. n.

*Kumasia (Zolimoncta) nigropulenta* sp. n.

### Newly described subspecies

*Apamea (Apamea) syriaca fuscorhoda* ssp. n.

*Apamea (Apamea) lateritia cinerascens* ssp. n.

*Apamea (Apamea) euxinia filipjevi* ssp. n.

*Apamea (Apamea) rjaboviana daghestanica* ssp. n.

*Apamea (Apamea) tropica hollowayi* ssp. n.

*Apamea (Apamea) ganeshi tonkinensis* ssp. n.

*Apamea (Apamea) illyria contrastata* ssp. n.

*Loscopia scotoptera insularis* ssp. n.

### Change of status

#### Raised to genus

*Eurabila* Butler, 1889 stat. rev.

*Loscopia* Beck, [1992] stat. rev.

#### Raised to species

*Apamea (Apamea) schildei* (Staudinger, 1901) stat. n.

*Apamea (Apamea) ingloria* (A. Bang-Haas, 1912) stat. rev.

*Apamea (Apamea) tropica* Holloway, 1989 stat. n.

#### Raised to subspecies

*Apamea (Apamea) syriaca tallosi* Kovács & Varga, 1969 stat. rev.

*Apamea (Apamea) platinea atlantica* (Zerny, 1934) stat. rev.

*Apamea (Apamea) platinea reisseri* Bubacek, 1926 stat. rev.

*Apamea (Apamea) platinea armena* (Eversmann, 1856) stat. rev.

*Apamea (Apamea) platinea aurora* (Brandt, 1938) stat. rev.

*Apamea (Apamea) aquila discrepans* Staudinger, 1892 stat. rev.

### New synonyms

#### Taxa previously in combination with other genera

*Abromias* Billberg, 1820 syn. rev. of *Apamea* Ochsenheimer, 1816

*Septis* Hübner, [1821] syn. rev. of *Apamea* Ochsenheimer, 1816

*Xylophasia* Stephens, 1829 syn. rev. of *Apamea* Ochsenheimer, 1816

*Agrostobia* Boie, 1835 syn. rev. of *Apamea* Ochsenheimer, 1816

*Crymodes* Guenée, 1841 syn. rev. of *Apamea* Ochsenheimer, 1816

*Agroperina* Hampson, 1908 syn. rev. of *Apamea* Ochsenheimer, 1816  
*Trichoplexia* Hampson, 1908 syn. rev. of *Apamea* Ochsenheimer, 1816  
*Furvabromias* Beck, [1992] syn. rev. of *Apamea* Ochsenheimer, 1816

#### Taxa previously in combination with other species

*Crymodes platinea binaloudi* Brandt, 1941 syn. n. of *Apamea (Apamea) impedita* (Christoph, 1887)  
*Hadena marmorata* Zetterstedt, [1839] syn. n. of *Apamea (Apamea) exulis* (Lefèvre, 1836)  
*Crymodes gelida* Guenée, 1852 syn. n. of *Apamea (Apamea) exulis* (Lefèvre, 1836)  
*Crymodes poli* Guenée, 1852 syn. n. of *Apamea (Apamea) exulis* (Lefèvre, 1836)

#### Taxa previously regarded as valid species

*Apamea pseudaltijuga* Grosser, 1985 syn. n. of *Apamea (Apamea) altijuga* (Kozhanchikov, 1925)  
*Hadena groenlandica* Duponchel, [1838] syn. rev. of *Apamea (Apamea) exulis* (Lefèvre, 1836)  
*Hadena assimilis* Doubleday, 1847 syn. rev. of *Apamea (Apamea) exulis* (Lefèvre, 1836)

#### Taxa previously regarded as valid subspecies

*Hadena haelsseni* Graeser, [1890] syn. n. of *Apamea (Apamea) veterina* (Lederer, 1853)  
*Apamea assimilis jenskjeldi* Fibiger, Ronkay & Zilli, 2005 syn. n. of *Apamea (Apamea) exulis* (Lefèvre, 1836)  
*Apamea anceps maritima* Sugi, 1994 syn. n. of *Apamea (Apamea) anceps* ([Denis & Schiffermüller], 1775)

### New combinations

*Genoveva magnirena* (Boursin, 1943) comb. n.  
*Genoveva submarginata* (Leech, 1900) comb. n.  
*Hoena pamea yunnana* (Kononenko & Mikkola, 1997) comb. n.  
*Oriasa pamea rectificata* (Hreblay & Plante, 1995) comb. n.  
*Apamea (Apamea) minoica* (Fibiger, Ronkay, Schmidt & Zilli, 2005) comb. n.  
*Loxopamea versicolora* (Draudt, 1950) comb. n.  
*Loxopamea butleri* (Leech, 1900) comb. n.  
*Loxopamea rufus* (B. S. Chang, 1991) comb. n.  
*Loxopamea brunnea* (Leech, 1900) comb. n.  
*Leucapamea nubila* (Moore, 1881) comb. n.  
*Pluviapamea albirivula* (Hampson, 1908) comb. n.  
*Kumasia (Zolimondta) gangtoki* (Hreblay & Ronkay, 1998) comb. n.

#### Revived combinations

*Eurabila lignea* Butler, 1889 comb. rev.  
*Apamea (Apamea) monoglypha monoglypha* (Hufnagel, 1766) comb. rev.  
*Apamea (Apamea) monoglypha sardoa* (Turati, 1909) comb. rev.  
*Apamea (Apamea) maroccana* (Zerny, 1934) comb. rev.  
*Apamea (Apamea) sicula* (Turati, 1909) comb. rev.  
*Apamea (Apamea) syriaca* (Osthelder, 1933) comb. rev.  
*Apamea (Apamea) baischi* Hacker, 1989 comb. rev.  
*Apamea (Apamea) polyglypha* (Staudinger, 1891) comb. rev.

- Apamea (Apamea) maraschi* (Draudt, 1934) **comb. rev.**  
*Apamea (Apamea) sublustris* (Esper, [1788]) **comb. rev.**  
*Apamea (Apamea) lithoxylaea* ([Denis & Schiffermüller], 1775) **comb. rev.**  
*Apamea (Apamea) veterina* (Lederer, 1853) **comb. rev.**  
*Apamea (Apamea) arabs* (Oberthür, 1881) **comb. rev.**  
*Apamea (Apamea) ferrago* (Eversmann, 1837) **comb. rev.**  
*Apamea (Apamea) furva* ([Denis & Schiffermüller], 1775) **comb. rev.**  
*Apamea (Apamea) platinea* (Treitschke, 1825) **comb. rev.**  
*Apamea (Apamea) impedita* (Christoph, 1887) **comb. rev.**  
*Apamea (Apamea) lateritia* (Hufnagel, 1766) **comb. rev.**  
*Apamea (Apamea) lateritia expallescens* (Staudinger, 1882) **comb. rev.**  
*Apamea (Apamea) lateritia obfuscata* Hreblay & Ronkay, 1998 **comb. rev.**  
*Apamea (Apamea) euxinia euxinia* Hacker, 1985 **comb. rev.**  
*Apamea (Apamea) zeta* (Treitschke, 1825) **comb. rev.**  
*Apamea (Apamea) exulis* (Lefèvre, 1836) **comb. rev.**  
*Apamea (Apamea) ingloria* (A. Bang-Haas, 1912) **comb. rev.**  
*Apamea (Apamea) maillardi* (Geyer, [1834]) **comb. rev.**  
*Apamea (Apamea) schildei* (Staudinger, 1901) **comb. rev.**  
*Apamea (Apamea) kaszabi* Varga, 1982 **comb. rev.**  
*Apamea (Apamea) michielii* Varga, 1976 **comb. rev.**  
*Apamea (Apamea) michielii hellenica* Hacker, Hassler & Schmidt, 1988 **comb. rev.**  
*Apamea (Apamea) vicaria* (Püngeler, 1902) **comb. rev.**  
*Apamea (Apamea) rubrirena* (Treitschke, 1825) **comb. rev.**  
*Apamea (Apamea) oblonga* (Haworth, 1809) **comb. rev.**  
*Loscopia scolopacina* (Esper, [1788]) **comb. rev.**

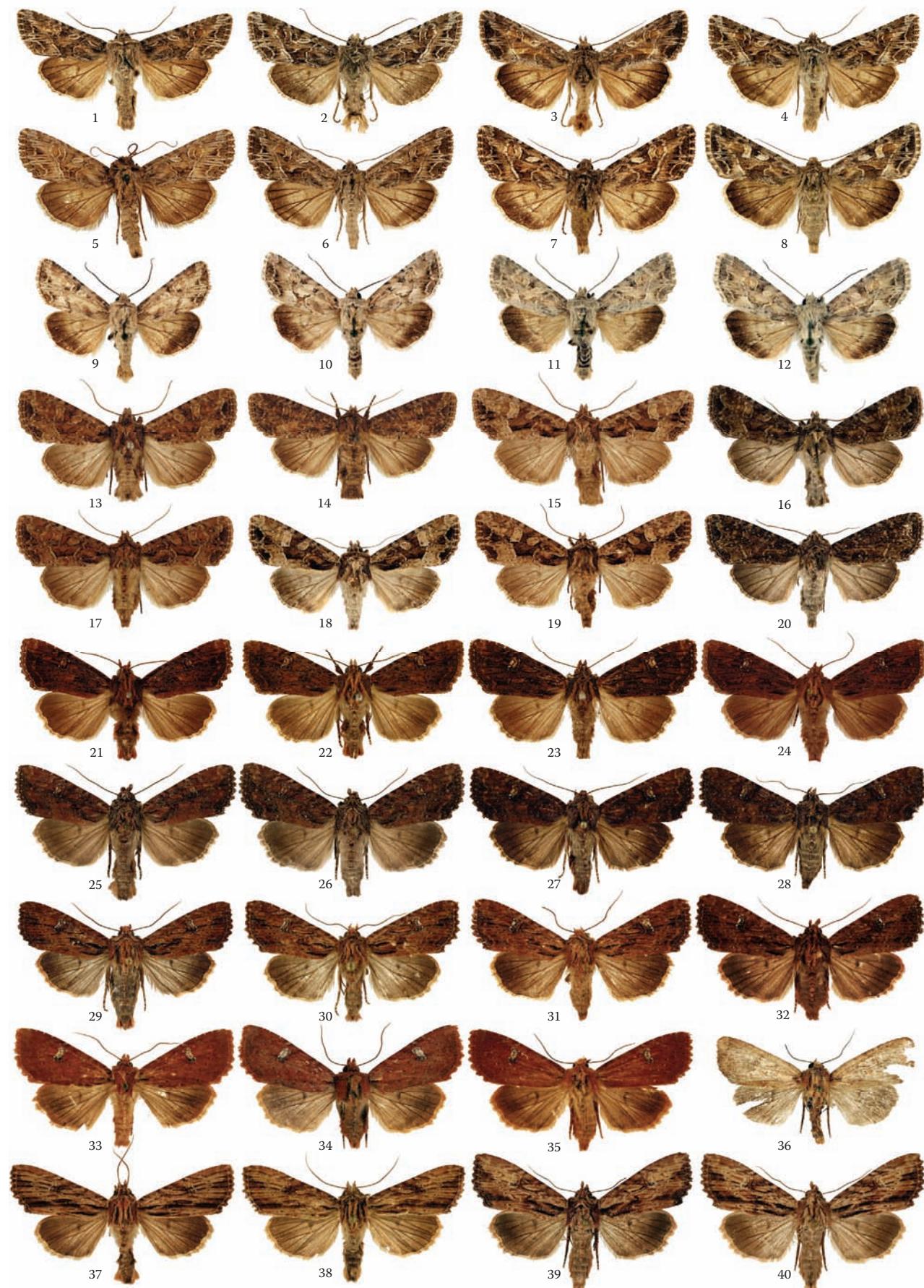
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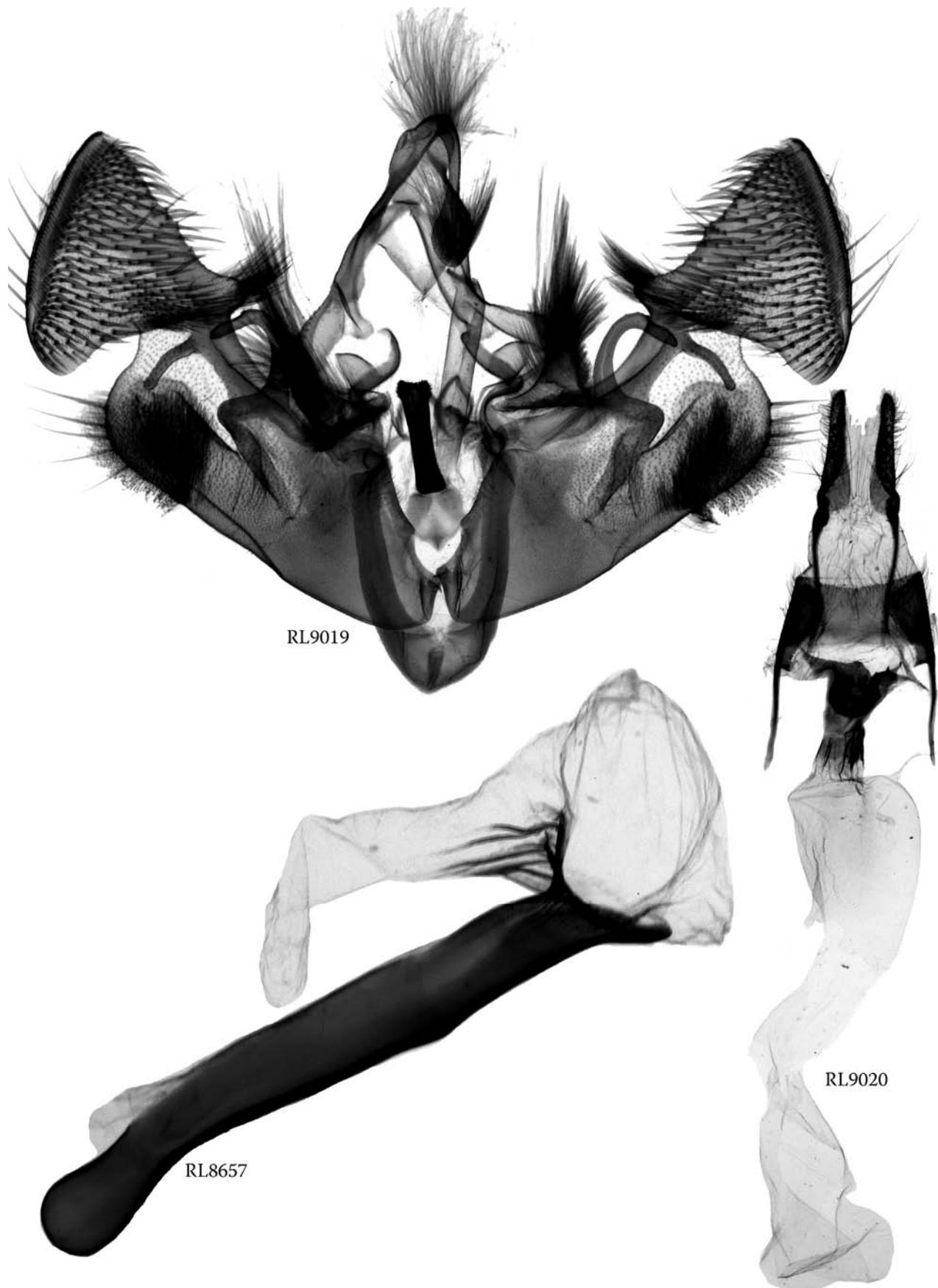
- Hampsonicola* Ronkay, Zilli & Fibiger, nom. nov. pro *Hedina* Ronkay, Zilli & Fibiger, 2005 (Noctuidae Europaee 8: 30), preoccupied by *Hedina* Alberti, 1954 (Mitteilungen aus dem Zoologischen Museum in Berlin 30: 249) [Zygaenidae]  
*Unchelea* Fibiger, Zilli & Ronkay, nom. nov. pro *Bifurca* Fibiger, Zilli & Ronkay, 2005 (Noctuidae Europaee 8: 96), preoccupied by *Bifurca* Joannis, 1930 (Annales de la Société entomologique de France 98: 782) [Noctuidae, Lymantriinae]  
*Globia* Fibiger, Zilli, Ronkay & Goldstein, nom. nov. pro *Capsula* Fibiger, Zilli, Ronkay & Goldstein, 2005 (Noctuidae Europaee 8: 109), preoccupied by *Capsula* Schumacher, 1817 (Essai d'un nouveau système des habitations des vers testacés: 43, 130) [Mollusca: Psammobiidae]

1. *Genoveva magnirena* (Boursin, 1943) male, China2. *Genoveva magnirena* (Boursin, 1943) female, China3. *Genoveva submarginata* (Leech, 1900) Holotype male, China, Sichuan4. *Genoveva submarginata* (Leech, 1900) female, China, Jiangxi5. *Genoveva eximia* sp. n. Holotype male, Vietnam6. *Genoveva eximia* sp. n. Paratype female, Vietnam7. *Eurabila lignea* Butler, 1889 Holotype male, India, Dharmasala8. *Eurabila lignea* Butler, 1889 female, India, Dharmasala

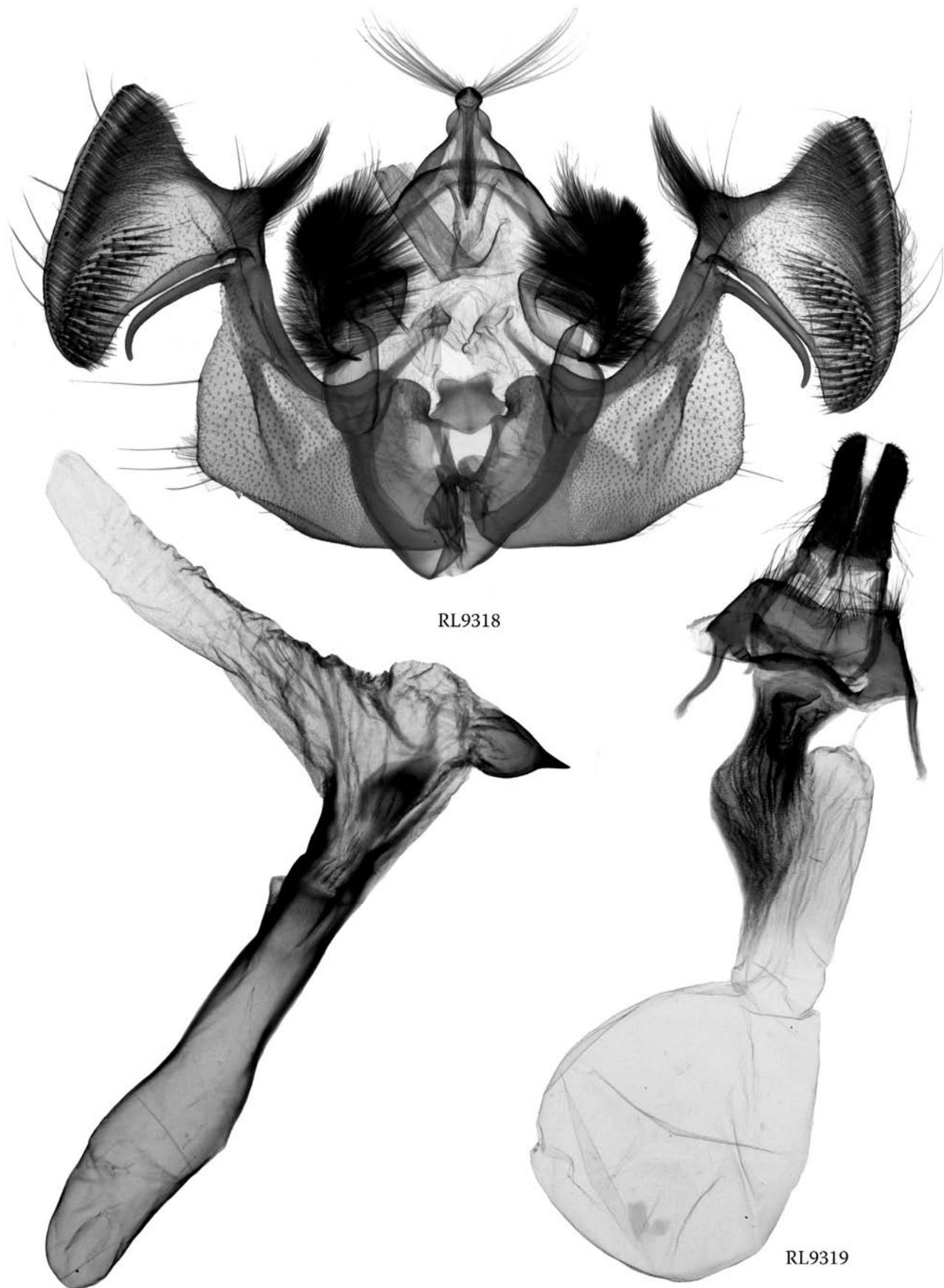
1. *Apamea fasciata* (Leech, 1900) Lectotype male, China, Sichuan2. *Apamea fasciata* (Leech, 1900) female, Nepal3. *Apamea herczigi* sp. n. Holotype male, Taiwan4. *Apamea herczigi* sp. n. Paratype female, Taiwan5. *Apamea schawerdae* (Draeseke, 1928) male, China, Shaanxi6. *Apamea schawerdae* (Draeseke, 1928) female, China, Shaanxi7. *Apamea gratissima* Hreblay & Ronkay, 1999 Paratype male, Nepal8. *Apamea gratissima* Hreblay & Ronkay, 1999 Paratype female, Nepal







Gen. fig. 2. *Genoveva submarginata* (Leech, 1900)



Gen. fig. 95. *Apamea hreblayi* sp. n.

# THE WITT CATALOGUE

A Taxonomic Atlas of the  
Eurasian and North African  
Noctuoidea

## PLUSIINAE II

Gottfried Behounek, László Ronkay  
& Gábor Ronkay



HETEROCERA  
PRESS

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# Taxonomic and nomenclatural summary

The authors of all newly described genera, subgenera, species and subspecies are the authors of the volume.

## Type designations

### Lectotype designations

*Omorphina aurantiaca* Alphéraky, 1892

*Abrostola anophiooides* Moore, 1882

*Plusia reticulata* Moore, 1882 – *Thysanoplusia (Thysanoplusia) reticulata* (Moore, 1882)

*Plusia ciliaris* Walker, [1858] – *Thysanoplusia (Daubeplusia) daubei* (Boisduval, 1840)

*Plusia chalcedona* Hampson, 1902 – *Thysanoplusia (Circumplusia) chalcedona* (Hampson, 1902)

*Plusia pannosa* Moore, 1882 – *Anapplusia pannosa* (Moore, 1882)

*Plusia albostriata* Bremer & Grey, 1853 – *Ctenoplusia (Ctenoplusia) albostriata* (Bremer & Grey, 1853)

*Plusia chalcopasta* Hampson, 1912 – *Ctenoplusia (Ctenoplusia) chalcopasta* (Hampson, 1912)

*Plusia phocea* Hampson, 1910 – *Ctenoplusia (Ctenoplusia) phocea* (Hampson, 1910)

*Plusia furcifera* Walker, 1857 – *Ctenoplusia (Ctenoplusia) furcifera* (Walker, 1857)

*Phytometra tarassota* Hampson, 1913 – *Ctenoplusia (Acanthoplusia) tarassota* (Hampson, 1913)

*Plusia agnata* Staudinger, 1892 – *Ctenoplusia (Acanthoplusia) agnata* (Staudinger, 1892)

*Plusia aeneofusa* Hampson, 1894 – *Stigmoctenoplusia aeneofusa* (Hampson, 1894)

*Plusia permissa* Walker, 1858 – *Chrysodeixis permissa* (Walker, 1858)

## Newly described taxa

### Newly described genera

*Kuelvarosiplusia* gen. n.

*Vittaplusia* gen. n.

*Stigmoctenoplusia* gen. n.

### Newly described subgenera

*Circumplusia* subgen. n.

*Exquiplusia* subgen. n.

*Petrapplusia* subgen. n.

### Newly described species

*Abrostola maniganggo* sp. n.

*Scriptoplusia sulawesiana* sp. n.

*Ctenoplusia (Ctenoplusia) violachrysa* sp. n.

### Revised status, stat. rev.

#### Downgraded to subspecies

*Abrostola suisharyonis schintlmeisteri* Behounek & Ronkay, 1999, stat. n.

*Abrostola proxima major* Dufay, 1958, stat. n.

*Ctenoplusia (Ctenoplusia) furcifera ogowana* (Holland, 1894) stat. n.

### New synonyms

#### Taxa previously regarded as valid species

*Abrostola crinita* Dufay, 1958 syn. n. of *Abrostola anophioides* Moore, 1882

*Abrostola pacifica* Dufay, 1960 syn. n. of *Abrostola korbi* Dufay, 1958

*Abrostola gabori* Ronkay, 1987 syn. n. of *Abrostola kaszabi* Dufay, 1971

*Phytometra sokutsana* Strand, 1920 syn. n. of *Argyrogramma signata* (Fabricius, 1775)

### New combinations

*Thysanoplusia (Daubeplusia) callista* (Dufay, 1972) comb. n.

*Thysanoplusia (Daubeplusia) epicharis* (Dufay, 1972) comb. n.

*Thysanoplusia (Daubeplusia) photinea* (Dufay, 1972) comb. n.

*Thysanoplusia (Daubeplusia) sesteria* (Felder & Rogenhofer, 1874) comb. n.

*Thysanoplusia (Daubeplusia) telaugea* (Dufay, 1972) comb. n.

*Thysanoplusia (Daubeplusia) cupreomicans* (Hampson, 1909) comb. n.

*Thysanoplusia (Daubeplusia) tetrasigma* (Hampson, 1910) comb. n.

*Thysanoplusia (Exquiplusia) exquisita* (Felder & Rogenhofer, 1874) comb. n.

*Vittaplusia (Vittaplusia) vittata* (Wallengren, 1856) comb. n.

*Vittaplusia (Petraplusia) molybdina* (Dufay, 1968) comb. n.

*Vittaplusia (Petraplusia) obtusisigna* (Walker, 1858) comb. n.

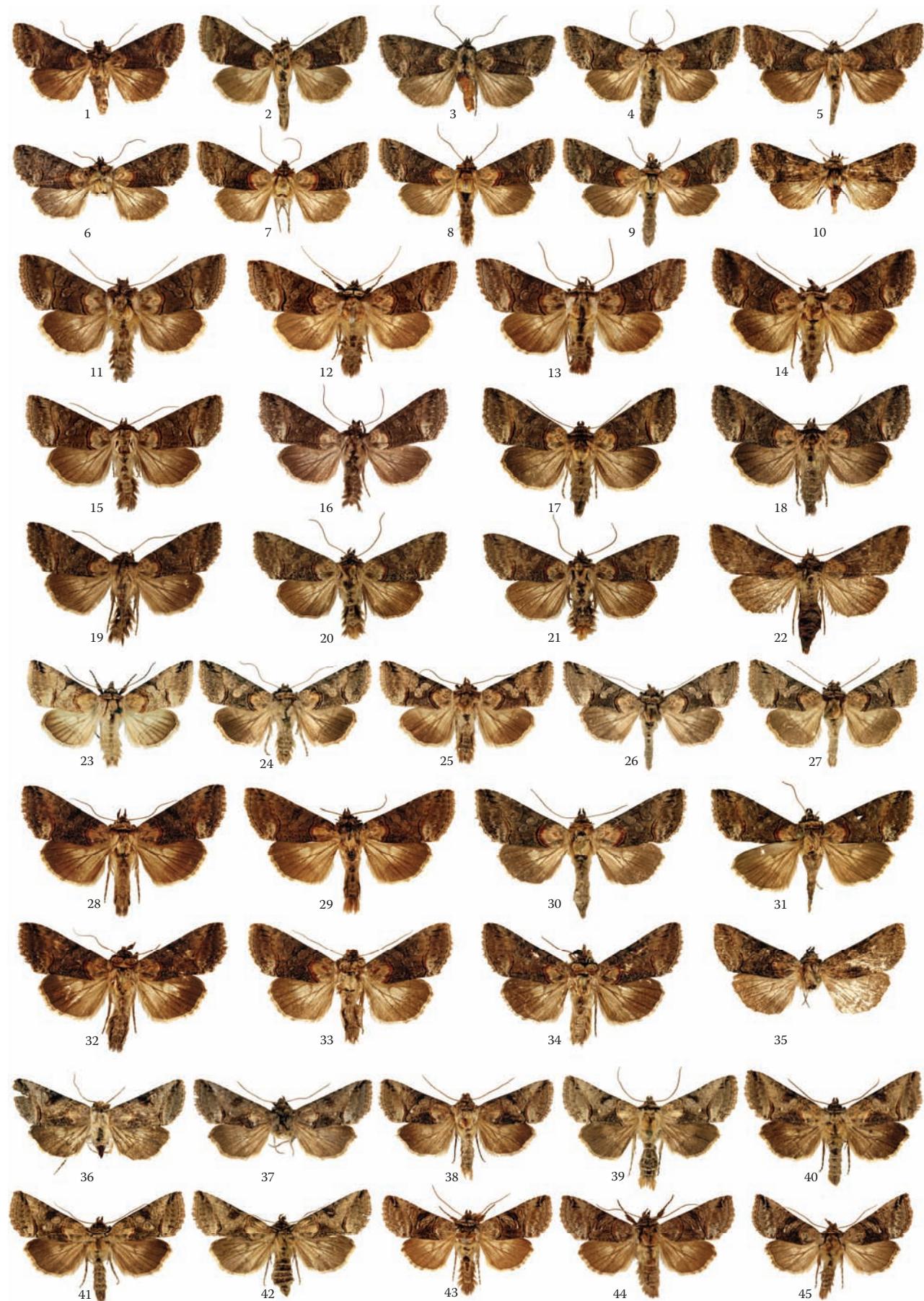
*Vittaplusia (Petraplusia) petraea* (Dufay, 1972) comb. n.

*Stigmocetenoplusia aeneofusa* (Hampson, 1894) comb. n.

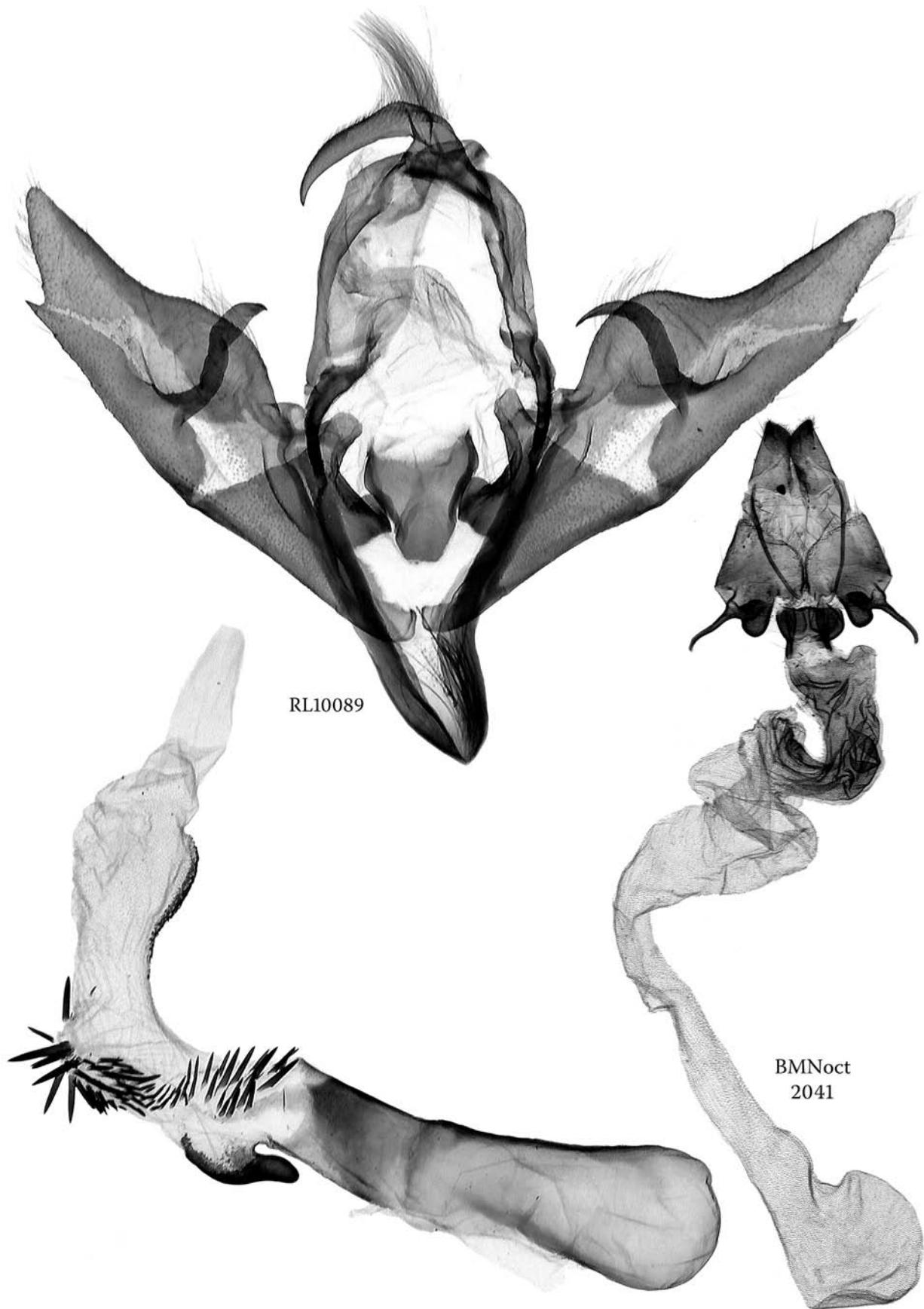
*Kuelvarosiplusia chariessa* (Dufay, 1970) comb. n.

1. *Abrostola korbi* Dufay, 1958 male, Japan2. *Abrostola korbi* Dufay, 1958 female, Japan3. *Abrostola asclepiadis* ([Denis & Schiffermüller], 1775) male, Germany4. *Abrostola asclepiadis* ([Denis & Schiffermüller], 1775) female, Hungary5. *Abrostola agnorista* Dufay, 1956 male, Macedonia6. *Abrostola agnorista* Dufay, 1956 female, Hungary7. *Abrostola hyrcanica* Hacker, 2002 male, Iran8. *Abrostola hyrcanica* Hacker, 2002 female, Azerbaijan

1. *Ctenoplusia tarassota* (Hampson, 1913) male, Nepal2. *Ctenoplusia tarassota* (Hampson, 1913) female, Nepal3. *Ctenoplusia sigillata* (Dufay, 1970) male, Philippines, Luzon4. *Ctenoplusia sigillata* (Dufay, 1970) female, Philippines, Luzon5. *Ctenoplusia adiaphora* (Dufay, 1974) male, Taiwan6. *Ctenoplusia adiaphora* (Dufay, 1974) female, Taiwan7. *Ctenoplusia ichinosei* (Dufay, 1965) male, Japan8. *Ctenoplusia ichinosei* (Dufay, 1965) female, Japan







Gen. fig. 9. *Abrostola dejani* Dufay, 1957



Gen. fig. 84. *Vittaplusia obtusisigna* (Walker, 1858)

# THE WITT CATALOGUE

A Taxonomic Atlas of the  
Eurasian and North African  
Noctuoidea

CUCULLIINAE II  
and PSAPHIDINAE

Gábor Ronkay, László Ronkay  
& Péter Gyulai



HETEROCERA  
PRESS

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# Taxonomic and nomenclatural summary

The authors of all newly described genera, subgenera, species and subspecies are the three authors of the volume.

## Lectotype designations

*Cuculia* (sic!) *brevipennis* Hampson, 1894 – *Shargacucullia* (*Brevicucullia*) *brevipennis* (Hampson, 1894)  
*Cucullia prenanthis* Boisduval, 1840 – *Shargacucullia* (*Prenanthcucullia*) *prenanthis* (Boisduval, 1840)  
*Cucullia mediogrisea* Warren, 1911 – *Shargacucullia* (*Falcicucullia*) *mediogrisea* (Warren, 1911)  
*Cucullia thapsiphaga* Treitschke, 1826 – *Shargacucullia* (*Shargacucullia*) *thapsiphaga* (Treitschke, 1826)  
*Cucullia blattariae* ab. *anceps* Staudinger, 1881 – *Shargacucullia* (*Shargacucullia*) *thapsiphaga* *anceps* (Staudinger, 1901)  
*Cucullia erythrocephala* Wagner, 1914 – *Shargacucullia* (*Shargacucullia*) *erythrocephala* (Wagner, 1914)  
*Valeria mienshani* Draudt, 1950 – *Flexivaleria mienshani* (Draudt, 1950)  
*Valeria oleagina syriaca* Ostheder, 1933

## Newly described taxa

### Newly described genera

*Flexivaleria* gen. n.

### Newly described subgenera

*Brevicucullia* subgen. n.  
*Falcicucullia* subgen. n.  
*Stigmatocucullia* subgen. n.  
*Verbascullia* subgen. n.  
*Paranephria* subgen. n.  
*Debilisticta* subgen. n.  
*Splendisticta* subgen. n.  
*Funesticta* subgen. n.  
*Boursinyes* subgen. n.  
*Ohshimyes* subgen. n.  
*Crassophyes* subgen. n.

### Newly described species

*Shargacucullia* (*Prenanthcucullia*) *szeokekalmani* sp. n.  
*Shargacucullia* (*Stigmatocucullia*) *expansa* sp. n.

*Shargacucullia (Stigmatocucullia) maria* sp. n.  
*Shargacucullia (Verbasculia) adriennei* sp. n.  
*Shargacucullia (Shargacucullia) kurthuberi* sp. n.  
*Shargacucullia (Shargacucullia) nekrasovi* sp. n.  
*Shargacucullia (Shargacucullia) asgharshirvanii* sp. n.  
*Shargacucullia (Shargacucullia) asadvartiani* sp. n.  
*Ostheldera pakistana* sp. n.  
*Meganephria varatlanka* sp. n.  
*Allophyes alces* sp. n.  
*Speidelia siamica* sp. n.

#### Newly described subspecies

*Shargacucullia (Prenanthcucullia) prenanthis mosaica* ssp. n.  
*Shargacucullia (Verbasculia) verbasci posterobscura* ssp. n.  
*Shargacucullia (Verbasculia) verbasci orientalis* ssp. n.  
*Shargacucullia (Shargacucullia) thapsiphaga belaherczigi* ssp. n.  
*Shargacucullia (Shargacucullia) lychnitis mysteriosa* ssp. n.  
*Brachionycha nubeculosa kullbergi* ssp. n.  
*Asteroscopus syriaca wieseri* ssp. n.  
*Allophyes asiatica gilanica* ssp. n.  
*Allophyes asiatica kadyrbekovi* ssp. n.  
*Speidelia taiwana sinica* ssp. n.

#### Revised status, stat. rev.

##### Raised to genus

*Belosticta* Butler, 1879 stat. rev.

##### Raised to species

*Xylocampa hethitica* Kobes & Pinker, 1976 stat. n.

##### Downgraded to subspecies

*Shargacucullia (Shargacucullia) thapsiphaga anceps* (Staudinger, 1901) stat. n.  
*Brachionycha sajana albicilia* Sugi, 1970 stat. n.

## New synonyms

### Taxa previously regarded as valid species

*Valeria thomaswitti* Kravchenko, Speidel, Seplyarkaya & Müller, 2007 – synonym of *Valeria kartalea* Kuhna & Schmitz, 1997

*Valeria josefmooseri* Kravchenko, Speidel, Seplyarkaya & Müller, 2007 – synonym of *Valeria kartalea* Kuhna & Schmitz, 1997

### Taxa previously regarded as valid subspecies

*Cucullia lychnitis albicans* Wiltshire, 1976 – synonym of *Shargacucullia (Shargacucullia) thapsiphaga anceps* (Staudinger, 1881) **syn. n.**

*Allophyes corsica parenzani* de Laever, 1976 – synonym of *Allophyes corsica* (Spuler, 1908) **syn. n.**

*Lamprosticta culta coeruleuca* Ronkay & Ronkay, 1995 – synonym of *Lamprosticta culta albescens* Hacker, 1990 **syn. n.**

## New combinations

*Valeria exanthema* (Boursin, 1955) **comb. n.**

*Flexivaleria mienshani* (Draudt, 1950) **comb. n.**

*Belosticta (Debilsticta) cinerea cinerea* (Butler, 1881) **comb. n.**

*Belosticta (Debilsticta) cinerea ilan* (Kobayashi & Owada, 1996) **comb. n.**

*Belosticta (Debilsticta) cinerea morosa* (Ronkay, Ronkay, Gyulai & Hacker, 2010) **comb. n.**

*Belosticta (Funesticta) funesta* (Leech, 1889) **comb. n.**

*Belosticta (Belosticta) extensa* (Butler, 1879) **comb. n.**

*Belosticta (Belosticta) parki* (Kononenko & L. Ronkay, 1998) **comb. n.**

*Belosticta (Belosticta) uniformis* (Ronkay, Ronkay, Gyulai & Hacker, 2010) **comb. n.**

*Belosticta (Belosticta) laxa* (Kobayashi & Owada, 1996) **comb. n.**

*Belosticta (Belosticta) crassa* (Kobayashi & Owada, 1996) **comb. n.**

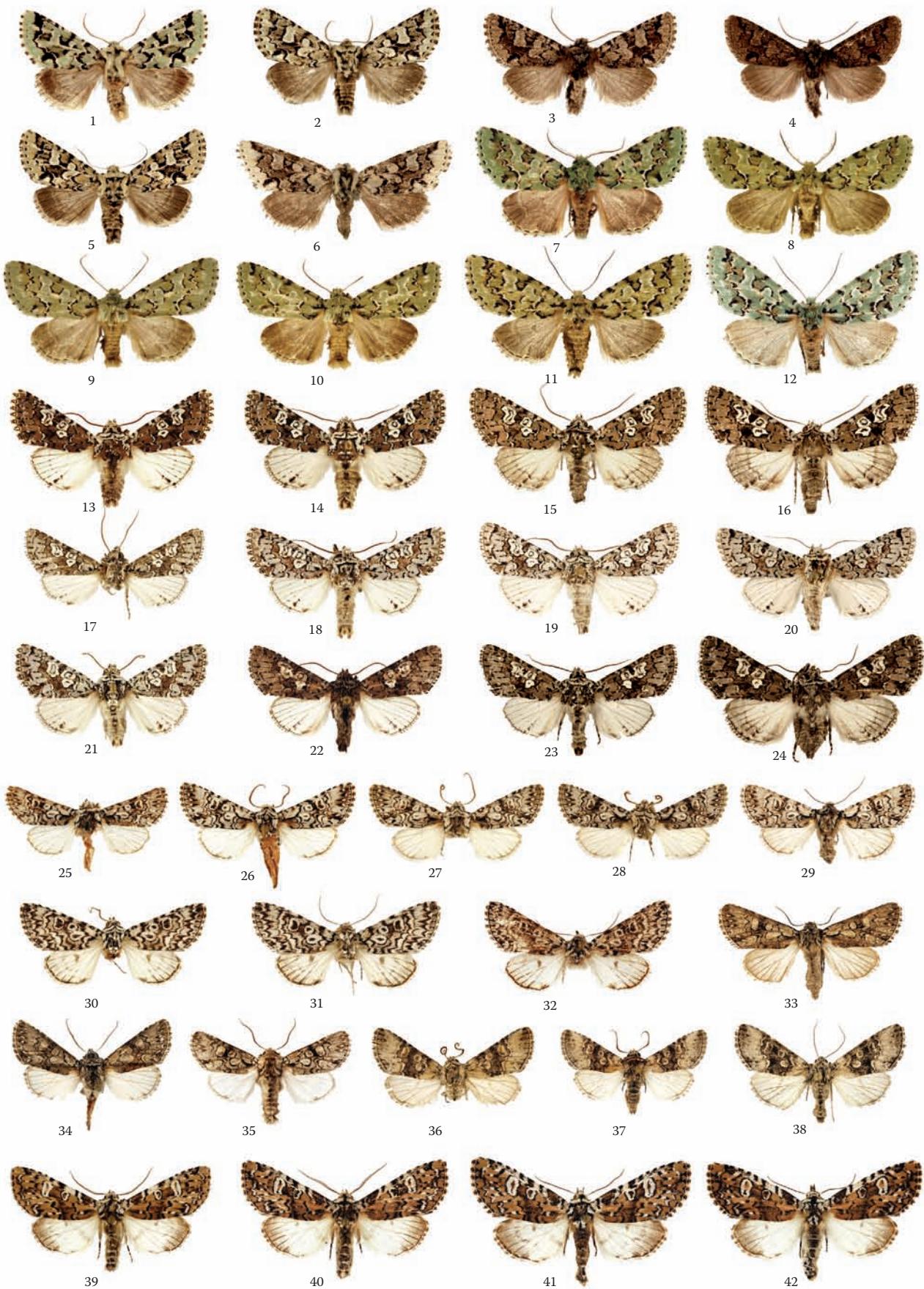
*Belosticta (Splendisticta) splendida* (Yoshimoto, 1993) **comb. n.**

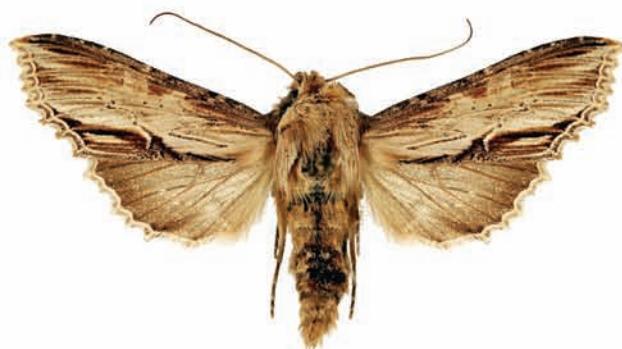
*Belosticta (Splendisticta) becheri* (Ronkay, Ronkay, Gyulai & Hacker, 2010) **comb. n.**

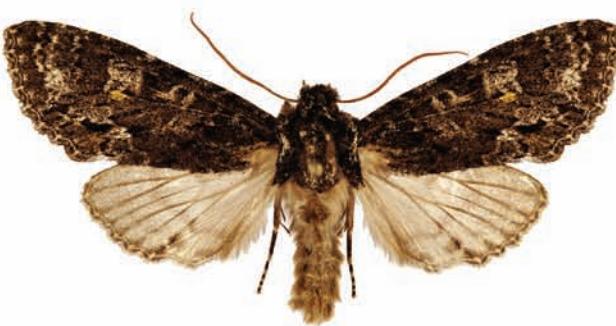
## New homonymy

*Cucullia lychnitis albicans* Wiltshire, 1976 – homonym of *Cucullia albicans* Rambur, 1858 – (*Eublemma*)





1. *Shargacucullia naumannii* Ronkay & Ronkay, 1992 Paratype male, Afghanistan2. *Shargacucullia naumannii* Ronkay & Ronkay, 1992 female, Tadzhikistan3. *Shargacucullia notodontina* (Boursin, 1934) Paratype male, China Xinjiang4. *Shargacucullia notodontina* (Boursin, 1934) female, Kirghisia5. *Shargacucullia expansa* sp. n. Holotype female, Pakistan, Hindukush Mts6. *Shargacucullia maria* sp. n. Paratype male, Pakistan, Kashmir7. *Shargacucullia maria* sp. n. Holotype male, Pakistan, Kashmir8. *Shargacucullia maria* sp. n. Paratype female, Pakistan, Kashmir

1. *Belosticta laxa* (Kobayashi & Owada, 1996) male, Taiwan2. *Belosticta laxa* (Kobayashi & Owada, 1996) female, Taiwan3. *Belosticta crassa* (Kobayashi & Owada, 1996) male, Taiwan4. *Belosticta crassa* (Kobayashi & Owada, 1996) female, Taiwan5. *Belosticta becheri* Ronkay, Ronkay, Gyulai & Hacker, 2010  
Holotype male, Laos6. *Belosticta splendida* (Yoshimoto, 1993) Holotype male, Nepal  
(Photo Mamoru Owada)7. *Belosticta funesta* (Leech, 1889) male, China, Shaanxi8. *Belosticta funesta* (Leech, 1889) female, Taiwan



Gen. fig. 4. *Shargacucullia (Falcicucullia) nepalensis* Ronkay & Ronkay, 1998



Gen. fig. 78. *Valeria tricristata* Draudt, 1934