

## Catalogue of the Species of *Tortricidae* (Lepidoptera). Part IV: Palaeartic *Olethreutinae*: *Microcorsini*, *Bactrini*, *Endotheniini* and *Olethreutini*

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Abstract. This part of the "Catalogue" lists 328 species of *Olethreutinae* (4 species of *Microcorsini*, 19 species of *Bactrini*, 24 species of *Endotheniini* and 279 of *Olethreutini*) of the Palaeartic subregion and some Oriental species whose occurrence in the area studied is possible.

Key words: Catalogue, *Tortricidae*, *Microcorsini*, *Bactrini*, *Endotheniini* *Olethreutini*, Palaeartic.

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### I. INTRODUCTION

In the preceding part (III: Afrotropical *Chlidanotinae* and *Tortricinae*: *Phricanthini*, *Cochylini* and *Tortricini*.) I included references to papers dealing with the genitalic characters of the taxa listed, which I considered would help in their identification. In the present part, which deals with the much better known Palaeartic fauna, it is possible in most cases to refer also to colour illustrations of the moths. At the end of the text for each species a reference is given to the original description and then, separated by a space, a reference to a colour illustration. The latter are selected from the most easily accessible papers, such as monographs and large revisions. For certain species, references are given to the most accurate illustrations of the genitalia. Where illustrations in the original publication are adequate, additional references are omitted unless the original publication is now difficult to obtain. The abbreviation "genit." indicates that both male and female genitalia are illustrated.

Under the genera, references are given to the series "The Genera of *Tortricidae*" (RAZOWSKI, 1989), as the arrangement of the present catalogue is based on those publications. The pages cited refer to the descriptions of the taxa, not the figures of the taxa. Full references are given to original descriptions of the genera if these are not cited in the above mentioned series. Unfortunately both the generic system and the arrangement of species are far from definite.

The problem of Oriental taxa is dealt with as in my preceding two catalogue parts, i.e. they are mentioned under the notation "Orient." However, some Oriental Chinese species which probably do not extend into the Palaeartic region are omitted.



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**Abbreviations (commonly used abbreviations not listed)**

- a.t.w. – after title of work
- Austr. – Australian region
- b/w – black and white photography
- col. – colour illustration
- d. – district
- distr. – distribution
- Ethiop. – Ethiopian region
- intr. – introduced
- misident. – misidentification
- n.d. – no data (not available)
- n.e.d. – no exact data
- Nea. – Nearctic
- nomin. ssp. – nominate subspecies
- non binom. – non binominalis
- nom. praeocc. – nomen praeoccupatum
- n.r. – not recorded
- Orient. – Oriental, Oriental region
- Pal. – Palaearctic, Palaearctic subregion
- pref. – prefecture
- repl.n. – replacement name
- subs.inc.spell. – subsequent incorrect spelling
- t.l. – type locality
- vic. – vicinity
- venat. – venation of wings

## II. SYSTEMATIC PART

### *Olethreutinae*

#### *Microcorsini*

*Microcorses* WALSINGHAM, 1900

(RAZOWSKI, 1989: 109, redescription)

(subgenus *Microcorses* WALSINGHAM s. str.)

***M. (M.) marginifasciata*** (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)5: 466 (*Microcorses*).  
T.l.: Japan. – KAWABE, 1982: 91 (col.). – Distr.: Russia: Primor'e; Korea; Japan: Hokkaido, Honshu; Orient.: Nepal; India: Punjab.

***M. (M.) mirabilis*** V. I. KUZNETZOV, 1964, Ènt. Obozr., 43: 875, figs 6 (male genit.), 7 (female genit.). T.l.: Russia: Primor'e: Vladivostok distr.: Okeanskaya. – Distr.: Russia: Primor'e. – Note: probably synonym of *marginifasciata*.



**M. (M.) *trigonana*** (WALSINGHAM, 1900), Ann. Mag. nat. Hist.,(7)6: 443 (*Tortrix*). T.l.: Japan: "Gity". – Distr.: Russia: S. Primor'e; Japan: Honshu; Orient.: Nepal.

(subgenus *Allobrachygonia* FERNALD, 1908)

*Allobrachygonia* FERNALD, 1908, Genera *Tortricidae*: 62. Type-species: *Brachygonia angulicostana* WALSINGHAM, 1900 (hereditarius). Objective replacement name for *Brachygonia* WALSINGHAM, 1900.

**M.(A.) *angulicostana*** (WALSINGHAM, 1900), Ann. Mag. nat. Hist.,(7)5: 464 (*Brachygonia*). T.l.: Japan. – KAWABE, 1982: 91 (col.). – Distr.: Korea; Japan: Honshu.

### *Bactrini*

***Bactra*** STEPHENS, 1834

(RAZOWSKI, 1989: 110, redescription)

(subgenus *Bactra* STEPHENS s.str.)

**B. (B.) *lacteana*** CARADJA, 1916, Dt.ent.Z. Iris,1916: 62 (*Bactra lanceolana* var.). T.l.: E. Siberia; Raddé. – *Bactra gozmanyana* TOLL, 1958, Annls Mus. zool. Warsz.,17(6): 66, figs 1,22, pl. 2. figs 1,5, pl.3, fig.8. T.l.: Poland: Bydgoszcz. – RAZOWSKI, 1989: 20 (genit.). – Distr.: Europe (Poland, Hungary, Denmark, Sweden); Caucasus; Kazakhstan; W. Mongolia; Russia: S. Siberia to Primor'e; China: n.e.d.; Korea; ?Japan.

**B. (B.) *extrema*** DIAKONOFF, 1962, Zool. Verh. Leiden, Nr.59: 37, pl.. 14,figs 75-77, pl.15, fig.80, pl.16, fig.85. T.l.: Primor'e: Okeanskaya near Vladivostok. – Distr.: Russia: Primor'e.

**B. (B.) *furfurana*** (HAWORTH, 1811), Lepid.Br.,3: 466 (*Tortrix*). T.l.: England: Kent. – ? *Cochylis acutana* EVERSMAAN, 1844, Fauna lepid. Volgo-Ural.: 529. T.l.: Russia: Prov. Kasan. – ? *Phoxopteris lamana* ZELLER, 1846 [in] LIENIG & ZELLER, Isis, Leipzig: 257. T.l.: Latvia: vic. of "Pastorat." – *Aphelia scirpana* HERRICH-SCHAFER, 1851, Syst. Bearb. Schmett. Eur.,4: 243. T.l.: England, Germany: Frankfurt/Main, Poland: Głogów, Austria: Vienna. – *Sciaphila canni-sana* MILLIÈRE, 1847, Rev. Mag. Zool.,(3)2: 247. T.l.: n. d. – KENNEL, 1916: 471 (col.); DIAKONOFF, 1962: 25 (genit.); BRADLEY & al., 1979: 73 (col.); RAZOWSKI, 1983: 20 (genit.). – Distr.: Palaearctic subregion as far as to Himalaya Mts. and Japan.

**B. *furfurana kurentsovi*** DIAKONOFF, 1962, Zool. Verh. Leiden, No.59: 28, figs 25a,b, pl.2,fig.6.pl.3,figs 21,22,pl.16,figs 83,84, pl.17, fig.87. T.l.: Russia: E. Siberia: Sutchan. – Distr.: Primor'e: vic.of Vladivostok.

**B. (B.) *festu*** DIAKONOFF, 1959, Bijdr. Dierk., Nr.29: 179, figs 9,13,14. T.l.: Japan: Hokkaido. *B. lanceolana*: ISSIKI, 1957, misident. – DIAKONOFF, 1962: 20 (genit.,phot.). – KAWABE, 1982: 91 (col., genit.). – Distr.: Japan: Hokkaido.

**B. (B.) *bactrana*** KENNEL, 1901, Dt. ent. Z. Iris,13(1900): 269; (*Semasia*). T.l.:Spain: Malaga. – *Bactra graminivora* MEYRICK, 1922, Exotic Microlepid.,2: 521. T.l.: India: Bengal: Pusa. – *Bactra cyperana* AMSEL, 1951, Bull.Soc. Sci nat. Maroc.,31: 68, fig.4. T.l.: Morocco: n.d. – *Bactra mediterranean* AGENJO, 1952, Faunula Lepid. Almeriense: 99, pl.4, figs 32,33, pl.12, figs 6,7. T.l.: Spain: Almeria: Canada de San Urbano. – DIAKONOFF, 1962: 21 (genit.). – Distr.: Canary Is.; S. Spain; Sicily; Morocco; Algeria; Malta; Egypt; Arabia; Mesopotamia; Iraq; Iran; Caucasus; Afghanistan; Caspian area; Tazhikistan; Uzbekistan. Also Oriental and Ethiopian regions.



- B. (B.) alexandri** DIAKONOFF, 1962, Zool. Verh. Leiden, Nr.59: 39, fig. 34, pl.5, figs 36-38, pl.13, figs 68,69. T.l.: Primor'e: "Amur Region".
- B. (B.) loeligeri** DIAKONOFF, 1956, Zool. Verh. Leiden, Nr.29: 17, fig.9. T.l.: Ussuri region: Vinogradovka. – DIAKONOFF, 1962: 41, figs (genit.). – Distr.: E. Russia: Amur region, Ussuri region.
- B. (B.) lancealana** (HÜBNER, [1796-99]), Sammlung eur. Schmett., Tortrices, pl. 13, fig.80 ([*Tortrix*]). T.l.: Europe (a.t.w.). – *Ancylis lanceolana* HÜBNER, 1825, Verz. bek. Schmett.: 376, and auct., subs.inc.spell. – *Tortrix egenana* HAWORTH, [1811], Lepid. Br.,: 470. T.l.: Great Britain (a.t.w.). – *Tortrix plagana* HAWORTH, [1811], ibid.: 470. T.l.: Great Britain (a.t.w.). – [*Tortrix*] *dibeliana* HÜBNER, [1818-19], Sammlung eur. Schmett., Tortrices, pl.43, fig.272. T.l.: Europe (a.t.w.). – *Carpocapsa rufana* STEPHENS, 1834, Illustr. Br. Ent., Haustellata,4: 124. T.l.: England: Darenth. – *Bactra nigrovittana* STEPHENS, 1852, List Br. Animals Brit. Mus., Lepidopt.,10: 99. T.l.: Scotland. – *Bactra (Aphelia) egenana* KENNEL, 1900 (not HAWORTH, 1811), Dt.ent.Z. Iris.,13: 264. T.l.: Spain: Guelma. – *Bactra (Aphelia) fumosana* KENNEL, 1900, ibid.: 263. T.l.: Margelan. – KENNEL, 1916: 470 (col.); DIAKONOFF, 1962: 9; BRADLEY & al., 1979: 74 (col.); RAZOWSKI, 1989: 21 (genit.). – Distr.: Palaearctic subregion, probably excl. Japan; Nea.: USA & Canada; Orient.: Sri Lanka.
- B. (B.) lancealana suspensa** DIAKONOFF, 1962, Zool. Verh. Leiden, No. 59: 12, figs 7,9,11,12 (genit.), pl.1, figs 7,8 (*Bactra*, *Bactra*). T.l.: C. Asia: Pamir: mouth of Pszart R.
- B. (B.) lancealana mongolica** DIAKONOFF, 1972, [in] RAZOWSKI, Acta zool. cracov.,17(6): 144, fig.23 (male genit.), as *lanceolana*. T.l.: Mongolia: Chövsgöl aimak: 8 km S. Somon Alagerdane. – Distr.: Mongolia: Chövsgöl and Olgij aimak.
- B. (B.) suedana** BENGTON, 1989, Ent. Scand.,20(4): 479, figs 1 (b/w phot.), 9,10,16,23,29 (genit.). T.l.: Sweden.: Öland, Böda, Torp. – Distr.: Sweden, Demark.
- B. (B.) robustana** (CHRISTOPH, 1872), Horae Soc. ent. Ross.,9: 13, pl.1, fig.10 (*Aphelia*). T.l.: Russia: Sarepta. – *Bactra scirpicolana* PIERCE, 1935, Entomologist,68: 148. T.l.: British Is.: n.d. – *Bactra griseana* A. M. DIAKONOV, 1929, Rev. russe Ent.,23: 164, figs 21,22. T.l.: n.d. – *Bactra grisea* DIAKONOV, 1929, Rev. Russe Entom.,23: 164, figs 21,22, subs. inc. spell. of *B. griseana*. – KENNEL, 1916:472 (col.), DIAKONOFF, 1956: 13 (genit.); 1962: 15 (genit.). – Distr.: Europe; N. Africa: Morocco; Asia Minor, Caucasus, Iran, Afghanistan, Kazakhstan, Japan: Honshu.
- B. (B.) longinqua** DIAKONOFF, 1959, Bijdr. Dierk.,29: 174, fig.1. T.l.: East Afghanistan: Sarobi.
- B. (B.) longinqua iranica** DIAKONOFF, 1959, Bijdr. Dierk.,29: 176, fig.2. T.l.: SE Iran: Dijiroft, Andar Abad.
- B. (B.) honesta** MEYRICK, 1909, J. Bombay Nat. Hist. Soc.,19: 585. T.l.: India: Assam: Khasi Hills. – DIAKONOFF, 1964: 16 (male genit.). – Distr.: Japan: Oki Is. (not seen). Orient.: India.

(subgenus *Chiloides* BUTLER, 1881)

- B. (Ch.) simpliciana** CHRETIEN, 1915, Annls Soc. ent. Fr.,84: 302 (*Bactra*). T.l.: Tunisia: Gafsa. – *Bactra telaviviana* AMSEL, 1935, Mitt. Zool.Mus. Berlin,20: 291, pl.11, fig.89 (1935, Zoogeographica,2: 46,123, nom.nud.). T.l.: Israel: Tel Aviv. – *Bactra lactosana* TURATI, 1922, Atti Soc. nat. Ital. Sci. Milano,61: 172. T.l.: Cyrenaica: Benghazi, Suani Terria. – *Bactra pauperrima* TURATI, 1934, ibid.,73: 196, pl.3, fig. 24. T.l.: Cyrenaica: Carcura. – Distr.: Tunisia, Libya, Israel, Arabian Peninsula.



- B. (Ch.) punctistrigana** MABILLE, 1900, Annl's Soc. ent. Fr., **68**(1899): 751. T.l.: Madagascar. – DIAKONOFF, 1963: 330 (genit.). – Distr.: N. Africa: Morocco. Ethiop.: Madagascar.
- B. (Ch.) venosana** (ZELLER, 1847), Isis, Leipzig: 738 (*Phoxopteris*). T.l.: Sicily: Syracuse. – *Bactra truculenta* MEYRICK, 1909, J. Bombay. nat. Hist. Soc., **19**: 586. T.l.: India: N. Croog: Dibidi. – *Bactra scythropa* MEYRICK, 1911, Proc. Linn. Soc. N.S. Wales, **36**: 284. T.l.: Timor: Dilli. – *Bactra geraropa* MEYRICK, 1932, Exotic Microlepid., **4**: 147. T.l.: Taiwan: Taihoku – *Bactra banosii* GOZMÁNY, Ann. hist.- nat. Mus. Hung., **52**: 416, figs 3A-D. T.l.: Egypt: Sohag. – KENNEL, 1910: 472 (col.) DIAKONOFF, 1964: 35 (genit.). – Distr.: Canary Is.: Gran Canaria, Spain: Guadalcanal, N. Africa: Morocco, Algeria, Arabian Peninsula. Ethiop.: Madeira, Sudan. Orient.: S. Asia: India, Sri Lanka, Thailand, China: Shanghai, Philippine Is., Java. Austr.: Marianas Is., Caroline Is., Australia.
- B. (Ch.) diakonoffi** AMSEL, 1958, Beitr. nat. Forsch. SWDeutschl., **17**: 76. T.l.: N.O. Arabia: Ras Tanura. – DIAKONOFF, 1959: 29, figs (genit.).

#### Unplaced species

- B. (Ch.) atopa** DIAKONOFF, 1988, Nota lepid., **11**(4): 244, figs 2-4 (b/w phot, female genit.). T.l.: Bahrein: "Adari spr."

(subgenus *Nannobactra* DIAKONOFF, 1956)

- B. (N.) hostilis** DIAKONOFF, 1956, Zool. Verh. Leiden, **29**: 57, figs 55, 56 (genit.) (*Bactra* /*Nannobactra*). T.l. Japan: – *Bactra (Nannobactra) leonina* DIAKONOFF, 1959, Bijdr. Dierk., **29**: 185, fig. 8 (female genit.). T.l.: Thailand – Distr.: Korea; Japan: Honshu, Izu, Okinawa; China: Hagen Mts.; Orient.: China: Hainan; India.
- B. (N.) legitima** MEYRICK, 1911, Trans. Linn. Soc. London, **14**: 269. T.l.: Seychelles: Silhouette: Mare aux Cochons plain. – DIAKONOFF, 1963: 349 (genit.). – Distr.: Ethiop.: Seychelles, Silhouette I., Mahé I.
- B. (N.) legitima insignis** DIAKONOFF, 1963, Ann. Naturhist. Mus. Wien., **66**: 473, figs 1, 2 (genit.). T.l.: Nubia. – Distr.: Canary Is.: Gran Canaria (KLIMESCH, 1987: 307 – not seen). Ethiop.: Nubia, Sudan.
- B. (N.) minima** MEYRICK, 1909, J. Bombay nat. Hist. Soc., **19**: 586. T.l.: Sri Lanka: Barbeyrn I. – *Bactraphaeopis* MEYRICK, 1911, Proc. Linn. Soc. N.S. Wales, **36**: 254. T.l.: New Guinea: Sudest Island. – *Bactra microtripta* MEYRICK, 1927, Insects of Samoa, **3**, Lepidopt., **2**: 75. T.l.: Samoa: n.d. – Distr.: Saudi Arabia. Or.: Nepal, Sri Lanka, Taiwan, Philippines. Austr.: Samoa, Timor, New Guinea, Marianas Is., Salomon Is., etc.
- B. (N.) minima psila** DIAKONOFF, 1964, Zool. Verh. Leiden, **70**: 79, figs 60, 61 (male & female genit.). T.l.: Canary Is.: Tenerife. – Distr.: Canary Is., Azores Is.

#### *Endotheniini*

*Endothenia* STEPHENS, 1852

(RAZOWSKI, 1989: 153, redescription)

- E. gentianaeana** (HÜBNER, 1796-99)], Sammlung eur. Schmett., Tortrices, pl. 3, fig. 12 ([*Tortrix*]). T.l.: Europe (a.t.w.). – *Tortrix gentiana* HÜBNER, 1809-10, subs.inc.spell. – *Apotomis gentianana* HÜBNER, [1825], Verz. bekannter Schmett.: 380, subs.inc.spell., & auct. – *Tortrix oblon-*



- gana* HAWORTH, [1811], Lepid. Br.: 433. T.l.: British Is. [a.t.w.]. – *Tortrix sellana* FRÖLICH, 1828, Enumeratio Tortr. Würtemb.: 96. T.l.: Germany: Württemberg. – *Grapholitha desertana* STAUDINGER, 1880, Horae Soc. ent. Ross., (1879) **15**: 256. T.l.: Turkey: Amasia. – *Penthina oblongana* var. *adelana* REBEL, 1892, Verh. zool.-bot. Ges. Wien, : 526. – KENNEL, 1913: 386, BRADLEY & al., 1979: 56 (col.); RAZOWSKI, 1983: 117 (genit.). – Distr.: Europe, Asia Minor, Arabian Peninsula; Russia: S. Siberia, Transbaikalia, Primor'e; C. Asia (e.g. Kopet Dagh); Mongolia; China: n.e.d.; Korea; Japan: n.e.d.
- E. banausopis* (MEYRICK, 1938) [in] CARADJA & MEYRICK, Dt. ent. Z. Iris, **52**: 2 (*Argyroproce*). T.l.: China: Yunnan: Likiang. – CLARKE, 1958: 332 (male genit., b/w phot. of type), KAWABE, 1982: 112 (col.). – Distr.: Japan: Honshu, Oki Is., Kyushu. Orient.: China: Likiang; Korea; Japan: Honshu, Oki, Kyushu.
- E. limata* FALKOVITSH, 1962, Trudy Inst. Zool. Leningr., **30**: 362, fig. 9 (female genit.). T.l.: Russia: Primor'e: Simonovo (75 km W Svobodnyi). – Distr.: Russia: Tuva, Primor'e.
- E. hebesana* (WALKER, 1863), List. Specimens Lepid. Insects Colln Br. Mus., **28**: 342 (*Tortrix*). T.l.: North America. – *Carpocapsa inexpertana* WALKER, 1863, ibid.: 342. T.l.: North America. – *Endothenia inexpectana* [sic!] V. I. KUZNETZOV, 1993, Trudy Zool. Inst., St.-Petersburg, **255**: 36, subs. inc. spell. – *fullerea* RILEY, 1870: n.d. (Nea.). – *Endothenia adustana* KROGERUS, 1947, Notulae Ent., **27**: 4-7, fig. 1. T.l.: Finland: Impilathi. – *Endothenia kiyosatoensis* KAWABE, 1980 Tinea, **11**(3): 20, fig. 3 (phot.), 19 (male genit.). T.l.: Japan: C. Honshu: Yamanashi Pref.: Kiyosato. – KAWABE, 1982: 113 (col., *kiyosatoensis*) – FALKOVITSH, 1959: 461 (genit.). – Distr.: S. Scandinavia, S Finland, Central European part of Russia, WS Siberia, Primor'e; mountains of Kazakhstan; NW China. Nea. subregion.
- E. hebesana toteniana* OPHEIM, 1972, Ent. Rec., **84**: 20, figs 1-5 (genit.). T.l.: Norway: Opland: Gjovik.
- E. marginana* (HAWORTH, [1811]), Lepid.Br.: 433 (*Tortrix*). T.l.: Great Britain (a.t.w.). – BRADLEY & al., 1979: 59 (col.); RAZOWSKI, 1983: 11 (genit.). – Distr.: Europe, WE Africa, Asia: Mongolia, China: n.e.d.
- E. kostjuki* KUZNETSOV, 1993, Trudy Zool.Inst. St.-Petersburg, (1992): **255**: 31, figs 1,2 (genit.). T.l.: N. Caucasus: Teberda. – Distr.: N. Caucasus; Georgia.
- E. furvida* FALKOVITSH, 1970, Vestn. Zool., no.3: 68, figs 1a,b (male & female genit.). T.l.: Russia: S. Primor'e: 30 km SW Ussurijsk. – Distr.: Russia: S. Siberia (from Minussinsk to Baikal Territory), Primor'e; China: n.d.
- E. informalis* (MEYRICK, 1935 [in] CARADJA & MEYRICK), Materialien Microlepid. Fauna chin. Prov.: 59 (*Argyroproce*). T.l.: China: Jiangsu: Lungtan near Nanking. – CLARKE, 1958: 520 (b/w phot of type, genit.). – Distr.: Russia: Primor'e. Orient.: S.W. China: Jiangsu.
- E. designata* KUZNETSOV, 1970, Ènt. Obozr., **49**(2): 434, figs 1 (male genit.), 2 (female genit.). T.l.: Kuril Is.: Kunashir I.: near Sernovodsk. – Distr.: Russia: Primor'e; Kuril Is.: S. Kunashir; Japan: n.e.d.
- E. pauperkulana* (STAUDINGER, 1859, Stettin. Ent. Ztg., **20**: 230 (*Penthina*). T.l.: Spain: Chiclana. – *Grapholitha nougatana* (Chrétien, 1898, Naturaliste, **1898**: 178. T.l.: France: near Montélimart. – *Polychrosis schmidtii* REBEL, 1936, Zschr. wien. Ent. Ver., **21**: 22, pl.2, fig. 1 (moth). T.l.: Spain: Chiclana. – *Eucelis marrubiana* WALSINGHAM, 1907, Proc. zool.Soc. London, **1907**: 1007. T.l.: Canary Is: Tenerife: Guimar, Spain: Malaga, France: Monte Carlo. – KENNEL, 1916: 486 (col.);



- KUZNETZOV, 1978: 454 (male genit.); RAZOWSKI, 1971: 527 (male genit.) – Distr.: W.Europe: Spain, France, Sardinia, Switzerland.
- E. sororiana* (HERRICH-SCHÄFFER, 1851), Syst.Bearb. Schmett. Eur.,**4**: 230 (*Penthina*); 1848, ibid., pl.,fig. 375 – non binom.). T.I.: Sicily. – *Penthina phlomidana* STAUDINGER, 1871, Horae Soc. Ent. Ross.,**7**: 220, pl.3, fig.1. T.I.: Greece: Parnass, Veluchi. – KUZNETZOV, 1978: 454 (male genit.). – Distr.: SE Europe: Italy to Greece, Ukraine, Lithuania, Georgia.
- E. ustulana* (HAWORTH, [1811]), Lepid. Br.: 467 (*Tortrix*). T.I.: England: Norfolk. – *Penthina Antithesia carbonana* DOUBLEDAY, 1849, Synon. List Br. Butterflies & Moths: 22. T.I.: n.r. – *Argyroploce lewandowskii* TOLL, 1948, Mater. Fizjogr. Kraju,**9**: 10, pl.1, figs 4,5, pl.2, figs 24,25. T.I.: Poland: Ludwikowo near Poznań. – BRADLEY & al., 1979: 62 (col.); RAZOWSKI, 1983: 120 (genit.). – Distr.: Europe; C. Asia.
- E. austerana* (KENNEL, 1916), Zoologica,**21**(54): 479, pl.19, fig.7 (*Semasia*). T.I.: unknown. – KUZNETZOV, 1994: 38 (note). – Distr.: Mongolia; Russia: Primor'e; China: n.e.d.; Japan: n.e.d.
- E. remigera* FALKOVITSH, 1970, Vestnik Zool., No.3: 72, fig.3 (male genit.). T.I.: Russia: S. Primor'e: Vinogradovka. – KAWABE, 1982: 113 (col., male genit.). – Distr.: Russia: S. Primor'e; China (n.e.d.); Korea; Japan: Honshu.
- E. villosula* FALKOVITSH, 1966, Trudy zool. Inst. Leningr.,**37**: 225, figs 16 (male genit.), 17 (female genit.). T.I.: E. Siberia: Amur territory: 75 km W Svobodny. – Distr.: Russia: Primor'e; Mongolia.
- E. lapideana* (HERRICH-SCHÄFFER, 1851), Syst. Bearb. Schmett. Eur., **4**: 231; 1848, ibid., pl. 34, fig. 246, non binom.). T.I.: Hungary and Schneeberg (?Poland). – *Penthina digitalitana* MÜLLIG, 1863, Stettin. ent. Ztg.,**24**: 72. T.I.: Germany: Frankfurt /Main. – *Argyroploce lapideana* v. *bartellana* CARADJA, 1916, Dt. ent. Z. Iris,**30**: 56. – KENNEL, 1913: 384 (col.); RAZOWSKI, 1983: 121 (genit.). – Distr.: C. Europe to W. Ukraine.
- E. atrata* (CARADJA, 1926), Dt.ent.Z. Iris,**40**(4): 164, fig. 4 (*Argyroploce lapideana* f.). T.I.: Russia: Primor'e: Sutchan. – FALKOVITSH, 1970: 74 (female genit.); KAWABE, 1982: 112 (col.). – Distr.: Russia: Primor'e, Sakhalin; Japan: Honshu. Orient.:S.W. China: n.e.d.
- E. nigricostana* (HAWORTH, [1811]), Lepid. Br.: 438 (*Tortrix*). T.I.: Great Britain (a.t.w.). – *Coccyx squalidana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur.,**4**: 223. T.I.: Austria: vic. of Vienna. – *Coccyx reymana* HERRICH-SCHÄFFER, 1851, ibid.: 223 (1848, ibid.,pl. 38, fig.286, non binom.). T.I.: Austria: vic. of Vienna. – *Penthina illepidana* KENNEL, 1901, Dt.ent.Z. Iris,**13**(1900): 253. T.I.: Asia Monor: Hadjin. – KENNEL, 1913: 390 (col.); BRADLEY et. al., 1979: 62 (col.); RAZOWSKI, 1983: 122 (genit.). – Distr.: Holarctic region: Europe, Russia: Primor'e; Japan: n.e.d.
- E. pullana* (HAWORTH, [1811]), Lepid.Br.: 434 (*Tortrix*). T.I.: British Is. (a.t.w.). – *Sideria violana* PEYERIMHOFF, 1863, Bull.Soc. Hist. nat. Colmar,**2** (not seen); Cat. Lépid. d'Alsace: 115. T.I.: France: Haies. – Distr.: W. Europe, Ukraine, Belorussia, European part of Russia, "Baltic countries".
- E. ingrata* FALKOVITSH, 1970, Vestnik Zool.,No. 3: 70, fig. 1. T.I.: Russia: Primor'e: Upper Chapigou R. (contributory of Shufan R.). – Distr.: Russia: Primor'e; NE China; Japan: n.e.d.
- E. trifoliana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur.,**4**: 209 (1850, ibid., pl.53, fig. 372, non binom.) (*Penthina*). T.I.: Germany: Oberpfalz: near Regensburg. – *Euchromia ericetana* (HUMPHREYS & WESTWOOD, 1854), Br. Moths,**2**: 150. T.I.: N. England. – KENNEL,



1916: 420 (col.); BRADLEY & al., 1979: 64 (col.); RAZOWSKI, 1983: 123 (genit.). – Distr.: N. & C. Europe; Asia Minor; Russia: Siberia, Primor'e; Kazakhstan; Mongolia; China: n.e.d.

*E. menthivora* (OKU, 1963), Insecta matsum., **25**(2): 104, fig.1 (head, venat., wing, genit.) (*Alloendothenia*). T.l.: Japan: Hokkaido: Nokkeushi. – KAWABE, 1982: 113 (col.). – Distr.: Russia: Transbaikalia; Japan: Hokkaido.

*E. quadrimaculana* (HAWORTH, [1811]), Br. Lepid.: 468 (*Tortrix*). T.l.: England: Norfolk. – [*Tortrix*] *antiguana* [sic!] HÜBNER, [1811-13], Sammlung eur. Schmett., Tortrices, pl.34, fig. 213,214. T.l.: Europe (a.t.w.). – *Eutrachia antiquana* HÜBNER, 1822, Syst.-alphabet. Verz.: 58, subs.spell. (injustified emend.). – *Orthotaenia obesana* PEYERIMHOFF, Bull. Soc. Hist. nat. Colmar, **2** (not seen), 1863, Cat. Lépid. d'Alsace: 118. T.l.: France: Strasburg, Colmar. – *Argyroplote helvinana* KENNEL, 1901, Dt. ent. Z. Iris, **13**(1900): 135, pl.5, fig. 14. T.l.: Mongolia: Urga. – *Agyroplote antiquana* var. *pallidana* CARADAJA, 1916, Dt. ent. Z. Iris, **30**: 58. T.l.: Changai. – *Argyroplote pallidana* KENNEL, 1919, Mitt. Münch. Ent. Ges., **8**: 80, pl. 3, fig.11; objective junior syn. T.l.: Changai. – KENNEL, 1916: 420 (col.); BRADLEY & al., 1979: 65 (col.); RAZOWSKI, 1983: 124 (genit.). – Distr.: Europe, Asia Minor, Kazakhstan, S. Siberia, Mongolia.

*E. bira* KAWABE, 1976, Tinea, **10**(3): 43, fig.6 (moth), 18 (male genit.). T.l.: Japan: Honshu: Ishikawa Pref.: Anamizu: Bira. – KAWABE, 1982: 113 (col., male genit.). – Distr.: Japan: Honshu, Kyushu.

### *Olethreutini*

#### *Gatesclarkeana*

##### *Ukamenia* OKU, 1981

(RAZOWSKI, 1989: 113, redescription)

*U. sapporensis* (MATSUMURA, 1931), 6000 Illustr. Ins. Japan-Empire: 1080, fig. (*Simaethis*). T.l.: Japan: Hokkaido: near Sapporo. – *Aphiaris mirana* KUZNETZOV, 1981, Trudy zool. Inst. Leningr., **92**: 78, figs 4-5 (male genit.), 6 (female genit.), 7,8 (moths). T.l.: Russia: S. Primor'e: Ussurijsk d.; Japan: Hokkaido, Honshu. – Distr.: Russia: Primor'e, Sakhalin; Japan: Hokkaido, Honshu.

##### *Hiroshiinoueana* KAWABE, 1978

(RAZOWSKI, 1989: 115, redescription; *Hiroshiinouea* [sic!] KAWABE, 1982: 92, 166, subs. inc. spell.)

*H. stellifera* KAWABE, 1978, Tinea, **10**(19): 181, figs 7 (moth), 17 (venat.), 23 (male genit.), 35 (female genit.). T.l.: Japan: Yakushima Is.: Kurio. – KAWABE, 1982: 92 (col., genit.) – Distr.: Japan: Yakushima Is.

*H. gangweonensis* CHO & BYUN, 1993, Korean J. Appl. Entomol., **32**(2): 222. T.l.: S. Korea: Hongcheon Experimental Forest. – Distr.: S. Korea.

##### *Gatesclarkeana* DIAKONOFF, 1966

RAZOWSKI, 1989: 115, redescription

*G. idia* DIAKONOFF, 1973, Zoöl. Monogr. Leiden, No.1: 8, figs 2,11 (female genit.), 14 (male genit.), 16 (abdomen). T.l.: W. Java: Mt. Salak. – *Gatesclarkeana idia*: KAWABE, 1975, Trans. Lep. Soc. Jap., **28**(1): 31, subs. inc. spell. – KAWABE, 1982: 92 (col., male genit.) – Distr.: Japan:



Yakushima Is. Orient.: S.China: Canton, Vietnam, Sumatra, Java, Bali, E.Borneo, Moluccan Is., Talaud I.

*Olethreutina*

*Rhodocosmaria* DIAKONOFF, 1973

(RAZOWSKI, 1989: 117, redescription)

*R. occidentalis* DIAKONOFF, 1973, Zoöl. Monogr. Rijksmus. nat. Hist. Leiden, No.1: 36, figs 59,60 (female genit.), 61 (male genit.). T.l.: Malay Peninsula: Kuala Lumpur. – KAWABE, 1982: 93 (col.). – Distr.: Japan.: Ogasawara I, Minamidaito-jima I. Orient.: Malay Peninsula.

*Eubrochoneura* DIAKONOFF, 1966

(RAZOWSKI, 1989: 118, redescription)

*E. altissima* KAWABE, 1978, Tinea, **10**(19): 177, figs 4 (phot.), 20 (male genit.), 33 (female genit.). T.l.: Japan: Honshu: Shizuoka Pref.: Odaru Spa. – KAWABE, 1982: 93 (col.). – Distr.: Japan: Honshu, Shikoku.

*Eudemis* HÜBNER, [1825]

(RAZOWSKI, 1989: 119, redescription)

*E. porphyrana* (HÜBNER, [1796-99], Sammlung eur. Schmett., pl.5, fig.26 [*Tortrix*]. T.l.: Europe (a.t.w.). – *Poecilochroma pomedaxana* PIERCE & METCALFE, 1915, Entomologist's mon. Mag., **51**: 9. T.l.: England: Devonshire: Oxon. – ? *Eudemis lucina* LIU & BAI, 1982, Entomotaxonomia, **4**(3): 171, figs (3 moth), 16 (female genit.). T.l.: China: Hubei: Shennongjia. – BRADLEY & al., 1979: 79 (col.); RAZOWSKI, 1983: 26 (genit.). – Distr.: Europe (from England to Scandinavia and Mediterranean Sea, except for the north of European Russia), Transcaucasia, Kuznet-skij Ala Tau, Transbaikalia, Primor'e in Russia; China: n.e.d.; Japan: n.e.d.

*E. profundana* ([DENIS & SCHIFFERMÜLLER], 1775), Verz. Schmett. Wien. Gegend: 132. T.l.: Vienna d. (a.t.w.). – [*Tortrix*] *sylvana* HÜBNER, [1796-99], Sammlung eur. Schmett., pl. 20, fig.128. T.l.: Europe (a.t.w.). – *Phalaena nebulana* DONOVAN, 1806, Nat. Hist. Br. Ins., **11**: 13, pl. 364, fig.3. T.l.: England: Kent: Darenth Wood, Darford. – *Tortrix asseclana* HAWORTH, [1811], Lepid. Br.: 462. T.l.: Great Britain (a.t.w.). – *Tortrix aethiopiana* HAWORTH, [1811], ibid.: 462. T.l.: England: London. – [*Tortrix*] *wellensiana* HÜBNER, [1811-13], Sammlung eur. Schmett., pl.73, fig.237. T.l.: Europe (a.t.w.). – *Tortrix alphonsiana* DUPONCHEL, 1834, Hist. nat. Lépidopt. Papillons Fr., **9**: 93, pl.239, fig.9. T.l.: France (a.t.w.). – KENNEL, 1913: 278 [part.] (col.); BRADLEY & al.: 78 (col.); RAZOWSKI, 1983: 27 (genit.). – Europe to W. Ukraina, except the northern belt; Asia Minor.

*E. gyrotis* (MEYRICK, 1909), J. Bombay nat. Hist. Soc., **19**: 604 (*Argyroproce*). T.l.: Assam: Khasi Hills. – DIAKONOFF, 1973: 102 (genit.). – KAWABE, 1982: 94 (col.). – Distr.: Japan: S. Honshu, Shikoku, Kyushu, Izu. Orient.: India: Assam; Sri Lanka; China, Hongkong; N. Vietnam, Philipine Is.; Indonesia: Java.

Unplaced species

*E. isochora* MEYRICK, 1891, Entomologist's mon. Mag., **2**(2): 12. T.l.: Algeria: Philippeville.



*Sorolopha* LOWER, 1901

(RAZOWSKI, 1989: 120, redescription)

- S. plinthograpta* (MEYRICK, 1931), Exotic Microlepid., **4**: 135 (*Argyroploce*). T.l.: Taiwan: Taihoku. – DIAKONOFF, 1973: 84 (genit.). – Distr.: Korea; Japan: Kyushu. Orient.: Taiwan.
- S. sphaerocopa* (MEYRICK, 1929) [in:] JOANNIS, Annls Soc. ent. Fr., **98**: 719; **99**, Suppl.: 481 (*Argyroploce*). T.l.: Vietnam: Tonkin: Cho-ganh. – DIAKONOFF, 1973: 86 (genit.). – Distr.: Japan: Yakushima I. Orient.: India to W. Java.
- S. agana* (FALKOVITSH, 1966), Trudy zool. Inst. Leningr., **37**: 209, figs 2 (wing), 3 (male genit.) (*Choganhia*). T.l.: Russia: Primor'e: Tigrovyi. – Distr.: Russia: Primor'e; China: Chekiang: Hangchow (Pal?).

## Unplaced species:

- S. longurus* LIU & BAI, 1982, Entomotaxonomia, **4**(3): 171, figs 7 (moth), 12 (female genit.). T.l.: China: Jiangxi: Jiulianshan.
- S. tenuirurus* LIU & BAI, 1982, Entomotaxonomia, **4**(3): 171, fig. 8 (moth), 12 (male genit.). T.l.: China: Sichuan: Xichang.

*Eudemopsis* FALKOVITSH, 1962

(RAZOWSKI, 1989: 121, redescription)

- E. pompholycias* (MEYRICK, 1953) [in:] CARADJA & MEYRICK, Materialien Microlepid. Fauna chin. Prov.: 58 (*Argyroploce*). T.l.: China: Tien-mu-shan. – RAZOWSKI, 1989: 121 (genit.), KAWABE, 1982: 94 (col.). – Distr.: China: Tien-mu-shan; Korea; Japan: Hokkaido, Honshu.
- E. ramiformis* LIU & BAI, 1982, Sinozoologia, **2**: 49, pl. 1, fig. 8, pl. 2, fig. 16 (male genit.), pl. 3, fig. 18 (female genit.). T.l.: China: Sichuan: Emei Mt., Qingchen Mt.
- E. albopunctata* LIU & BAI, 1982, Sinozoologia, **2**: 47, pl. 1, fig. 4 (moth), pl. 2, fig. 12 (male genit.). T.l.: China: Yunnan: Naxi autonom. Co. of Lijiang: Yulong Mt. Oriental.
- E. kirishimensis* KAWABE, 1974, Kontyu, **42**(4): 390, figs 4 (moth), 12 (male genit.). T.l.: Japan: Kagoshima Pref.: Mt. Kirishima. – KAWABE, 1982: 94 (col., male genit.). – Distr.: China (n.e.d.); Japan: Kagoshima.
- E. brevis* LIU & BAI, 1982, Sinozoologia, **2**: 47, pl. 1, fig. 5 (moth), pl. 2, fig. 13 (male genit.). T.l.: China: Sichuan: Guanxian Co., Quingchen Mt.
- E. toshimai* KAWABE, 1974, Kontyu, **42**(4): 389, figs 2 (moth), 7 (female genit.), 10 (male genit.). T.l.: Japan: Shikoku: Kochi Pref.: Cape Ashizuri: Mt. Ashizuriyama. – KAWABE, 1982: 94 (col., genit.). – Distr.: Japan: Shikoku, Yakushima Is.
- E. purpurissatana* (KENNEL, 1901), Dt. ent. Z. Iris, **13**: 252 (*Penthina*). T.l.: Russia: Primor'e: Suchan. – *Argyroploce archimedis*: DIAKONOFF, 1968: 49 and auct., misident. – KENNEL, 1916: 478 (col.), FALKOVITSH, 1962: 190 (genit.), KAWABE, 1982: 93 (col., genit.). – Distr.: Russia: S. Primor'e (Ussuri region to Vladivostok d.); China: n.e.d.; Japan: Hokkaido, Honshu.
- E. tokui* KAWABE, 1974, Kontyu, **42**(4): 389, figs 3 (moth), 8 (female genit.), 11 (male genit.). T.l.: Japan: Yakushima I.: Mt. Aiko-dake. – KAWABE, 1982: 94 (col., genit.). – Distr.: Japan: Yakushima Is.



*E. flexis* LIU & BAI, 1982, Sinozoologia, 2: 48, pl.1, fig.6 (moth), pl.2, fig.14 (male genit.). T.l.: China: Beijing: Baihua Mt.

*E. heteroclita* LIU & BAI, 1982, Sinozoologia, 2: 48, pl.1, fig. 7 (moth), pl.2, fig.15 (male genit.), pl.3, fig.17 (female genit.), 21 (venat.). T.l.: China: Jianxi: Dayn Co: Jiulian Mts, Jinggang Mts, Zhejiang: Hangzhou city.

### *Lobesiina*

#### *Didrimys* DIAKONOFF, 1973

(RAZOWSKI, 1989: 150, redescription)

*D. tokui* KAWABE, 1974, Tyo Ga, 25(4): 101, figs 8 (moth), 15, 16 (female genit.), 25 (male genit.). T.l.: Japan: Yakushima Is.: Aiko-dake. – KAWABE, 1982: 94 (col., genit.).

#### *Lobesiodes* DIAKONOFF, 1954

(RAZOWSKI, 1989: 151, redescription)

*L. euphorbiana* (FREYER, 1842), Neuere Beytrage Schmett.-Kunde, 4: 47, pl. 318, fig.4. T.l.: n.r. – RAZOWSKI, 1983: 107 (genit.). – Distr.: C. & S. Europe, SE Europe, Transcaucasia.

*L. occidentis* (FALKOVITSH, 1970), Vestn. Zool., nr.5: 64, figs 2a, 3A2 (male genit.), 2b, 3B2 (female genit.). (*Lobesia* / *Lobesiodes*). T.l.: France: Paris. – BRADLEY & al., 1973: 66 (col.); RAZOWSKI, 1983: 108 (genit.). – Distr.: England; France; S. Poland; W. Ukraina.

#### *Lobesia* GUENEE, 1845

(RAZOWSKI, 1989: 109, redescription)

*L. (L.) botrana* ([DENIS & SCHIFFERMÜLLER], 1775, Verz. Schmett. Wien. Gegend: 131 (*Tortrix*). T.l.: Austria: Vienna d. – *Phalaena vitisana* JACQUIN, 1788, Collectanea, 2: 97. T.l.: n.d. – *Olinidia rosmarinana* MILLIÈRE, 1866, Anns Soc. Linn. Lyon, (1865) 13: 8, pl.63, fig.9-11. T.l.: France: near Hyeres. – KENNEL, 1916: 453 (col.); BRADLEY & al., 1979: 69 (col.); RAZOWSKI, 1983: 111 (genit.). – Distr.: W. Palaearctic subregion except for northern belt, southern part of E. Europe; Asia Minor; Transcaucasia; Iraq, Iran, N. Africa, Japan.

*L. (L.) yasudai* BAE & KOMAI, 1991, Tyo Ga, 42(2): 129, figs 5,6,13,22,29,37, 41 (genit.). T.l.: Japan: Hokkaido Bibai, Sorachi. – Distr.: Korea; Japan: Hokkaido, Honshu.

*L. (L.) pyriformis* BAE & PARK, 1992, Tyo Ga, 43(1): 77, figs 3,4 (moth), 8,12 (genit.). T.l.: Korea: Gyunggi Prov.: Gwanrung.

*L. (L.) aeolopa* MEYRICK, 1907, J. Bombay Nat.Hist. Soc., 17: 976. T.l.: Sri Lanka: Maskeliya. – *Lobesia dryopelta* MEYRICK, 1932, Exot. Microlepid., 4: 225. – CLARKE, 1958: 464,467 (moth, male genit. of types), KAWABE, 1982: 114 (col.). – Distr.: Korea; Japan: Hokkaido, Honshu, Kyushu, Oki Is., Izu Is. Orient.: Ryukyu; Taiwan; Java; Solon; India; Sri Lanka. Ethiop.: Madagascar (not confirmed). Austr.: New Guinea.

*L. (L.) virulenta* BAE & KOMAI, 1991, Tyo Ga, 42(2): 127 (*Lobesia*, *Lobesia*). T.l.: Japan: Honshu: Osaka Pref.: Mt. Iwawakisan. – Distr.: Korea; Japan: Honshu, Shikoku.

*L. (L.) reliquana* (HÜBNER, [1825], Verz. bekannter Schmett.: 381 (*Tortrix*). T.l.: Europe (a.t.w.). – *Tortrix leucopterana* FRÖLICH, 1828, Enumeratio Tortr. Würtemb.: 65. T.l.: Germany: Württemberg. – *Cochylis fischerana* TREITSCHKE, 1835, Schmett. Eur., 10(3): 145, 264. T.l.: Germany:



- Sachsische Schweiz, Nixdorf. – [*Tortrix permixtana*: HÜBNER, [1796-99], Sammlung eur. Schmett., Tortrices, pl.12, fig.75, misident. – KENNEL, 19913: 462 (col.); BRADLEY & al., 1979: 67 (col.); RAZOWSKI, 1983: 112 (genit.). – Distr.: Europe, Transcaucasia, Russia: Siberia, Primor'e; China: n.e.d.; Korea; Japan: Hokkaido, Honshu, Shikoku.
- L. (L.) arguta** BAE & KOMAI, 1991, Tyo Ga, **42**(2): 125, figs 9, 28, 36, 40 (moth, genit.) (*Lobesia, Lobesia*). T.l.: Japan: Hokkaido: Asahikawa. – Distr.: Japan: Hokkaido, Honshu.
- L. (L.) glebifera** MEYRICK, 1912, Exotic Microlepid., **1**: 34 (*Polychrosis*). T.l.: Asia Minor: Alma Dagh. – CLARKE, 1958: 471 (male genit, b/w phot. of type); FALKOVITSH, 1970: 66 (male genit.). – Distr.: Asia Minor.
- L. (L.) clarisecta** MEYRICK, 1932, Exotic Microlepid., **4**: 308. T.l.: Kashmir: Gulmarg. – DIAKONOFF, 1950: 291 (genit.). – CLARKE, 1958: 467 (male genit., b/w phot. of type).
- L. (L.) crimea** FALKOVITSH, 1970, Vestn. Zool., nr.5: 65, figs 4ab (genit.) (*Lobesia/Paralobesia*). T.l.: Ukraina: Crimea: Sevastopol. – Distr.: Ukraina: Crimea.
- L. (L.) andereggiana** (HERRICH-SCHÄFFER, 1851, Syst. Bearbeitung Schmett. Eur., **4**: 225 (1854, ibid., pl.58, fig.413, non binom.). T.l.: Wallis.; *Polychrosis andereggi* RAGONOT, 1884, Annls Soc.ent. Fr., **63**: 210, unjustified emend. – *Eudemis kreithneriana* HORNIG, 1882, Verh. zool.-bot. Ges. Ver., **32**: 279. T.l.: Taurus (not seen). – KENNEL, 1913: 452 (col.); KUZNETZOV, 1978: 451 (genit.). – Distr.: Austria; Croatia; Hungary; Asia Minor: Taurus.
- L. (L.) mieae** KAWABE, 1980, Tinea, **11**(3): 20, fig. 4 (moth), 17 (male genit.). T.l.: Japan: Honshu: Tokyo: Narahara: Hachioji (Kanto Distr.). – KAWABE, 1982: 114 (col.), BAE & KOMAI, 1991: 133 (genit.). – Japan: Honshu.
- L. (L.) bicinctana** (DUPONCHEL, 1844), Hist.nat. Lépidopt. Papillons Fr., **4**: 508, pl. 89, fig.2 (*Grapholitha*). T.l.: France: Paris: Bois de Boulogne. – *Lobesia lugdunana* GUENÉE, 1845, Annls Soc. ent. Fr., (2)**3**: 298. T.l.: Alps and S. France. – KENNEL, 1913: 454 (col.); RAZOWSKI, 1983: 114 (genit.). – Distr.: Europe; Asia Minor; Transcaucasia; Russia: S. Siberia, Transbaikalia, Primor'e; Mongolia; China: Manchuria; Japan: Hokkaido, Honshu. Nea.: In Canada ssp. *spiraeae* McDunnough.
- L. (L.) duplicata** FALKOVITSH, 1970, Vestn. Zool., no. 5: 66, figs 6a (male genit.), 6b (female genit.). T.l.: Russia: Primor'e: 75 km W Svobodne. – Distr.: Russia: Transbaikalia, Primor'e; Korea.
- L. (L.) artemisiana** (ZELLER, 1847), Isis, Leipzig: 27 (*Sericoris*). T.l.: Germany: Frankfurt (am Oder?); Poland: Głogów. – *Sericoris trifasciana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur., **4**: 17 (1848, ibid., pl.26, fig.184, non binom.). T.l.: Poland: near Głogów. – *Eudemis amaryllana* MILLIÈRE, 1875, Mém. Soc.Sci.nat. Cannes, **5**: 82. T.l.: n.d. – KENNEL, 1913: 454 (col.); RAZOWSKI, 1983: 115 (genit.). – Distr.: Europe excl. British Is. and N. Scandinavia, E. Europe excl. northern and south-eastern parts; Transcaucasia; Asia Minor; Iraq; Iran.
- L. (L.) quaggana** (MANN, 1855), Verh. zool.-bot. Ges. Wien, **5**: 557 (*Paedisca*). T.l.: Corsica. – *Olethreutes restinctana* TURATI, 1913, Atti Soc. Ital. Sci. Nat., **51**: 36, figs 34-37. T.l.: Italy: Monti del Gennargentu. – *Argyroploce rectifasciana*: AMSEL, 1940, Veröff. dt. Kolon. Mus.Bremen, **3**: 45, lapsus. – KENNEL, 1913: 460 (col.); KUZNETZOV, 1978: 452 (genit.). – Distr.: SW Europe; Asia Minor.
- L. (L.) dryopelta** MEYRICK, 1932, Exotic Microlepid., **45**: 225. T.l.: Java. – DIAKONOFF, 1950: ; CLARKE, 1958: 467 (genit., b/w phot. of type). – Distr.: Japan: n.d. (not seen). Orient.: Java.



- L. (L.) cinerariae* (NOLCKEN, 1882), Stettin. ent. Ztg., **43**: 184 (*Eudemis*). T.l.: France: St. Marguerite (*Eudemis cinerariana* [sic!] WALSHINGHAM, 1891, inc. subs.spell.). – *Eudemis helichrysana* (RAGONOT, 1879), Bull. Soc. ent. Fr., **1879**: CXXXII (*Eudemis*). T.l.: France: Dax (*Eudemis elichrysana* [sic!] NOLCKEN, 1882; *Polychrosis helichrysana* [sic!] REBEL, 1901 – inc.subs.spell.). – KENNEL, 1916: 460 (col.); KUZNETZOV, 1978: 452 (genit.) – Distr.: Iberian Peninsula; S. France; Asia Minor.
- L. (L.) porrectana* (ZELLER, 1847), Isis, Leipzig: 665 (*Sericoris*). T.l.: Sicily: n.d. – KENNEL, 1913: 458 (col.); KUZNETZOV, 1978: 452 (genit.). – Distr.: SW Europe; Asia Minor.
- L. (L.) fictana* (KENNEL, 1901), Dt. ent. Z. Iris, **13**(1900): 258 (*Polychrosis /Eudemis*). T.l.: Syria: Beirut. – KENNEL, 1916: 459 (col.), RAZOWSKI, 1971: 527 (male genit.).
- L. (L.) confinitana* (STAUDINGER, 1870), Horae Soc. Ent. Ross., **7**: 226 (*Grapholitha*). T.l.: Greece: Attica. – KENNEL, 1916: 458 (col.) – Distr.: Greece.
- L. (L.) attributana* (KENNEL, 1901), Dt. ent. Z. Iris, **13**(1900): 259 (*Polychrosis /Eudemis*). T.l.: Asia Minor: Marash. – KENNEL, 1916: 460 (col.); KUZNETSOV, 1978: (as *atributana* [sic!]). – Distr.: Asia Minor.
- L. (L.) indusiana* (ZELLER, 1847), Isis, Leipzig: 667 (*Sericoris*). T.l.: Sicily. – *Lobesia staticeana* MILLIÈRE, 1869, Annls Soc. Linn. Lyon, (1868) **17**: 20, pl.95, figs 9-14. T.l.: n.d. – *Polychrosis cognata* OBRAZTSOV, 1949, Mitt. Münch. Ent. Ges., **35/39**(1945-49): 200, fig.1 (male genit.). T.l.: Berdiansk. – KENNEL, 1916: 459 (col.); KUZNETZOV, 1978: 452 (col.). – Distr.: S. Europe, from Spain to Bulgaria and Crimea; Daghestan.
- L. (L.) abscissana* (DOUBLEDAY, 1849), Synon. List Br. Lepid.: 23 (*Sericoris*) T.l.: British Is. [a.t.w.], not HAWORTH, [1811]), Lepid. Br.: 465 (*Tortrix*). – *Eudemis fuligana*: BARRET, 1906, Lepid. Br. Is., **11**: 63. – *Polychrosis pullana* KENNEL, 1900, Dt. ent. Z. Iris, **13**: 140, pl.5, figs 15,16. T.l.: Russia: Taganrog. – KENNEL, 1916: 456, as *fuligana* and *pullana* (col.); BRADLEY & al., 1979: 70 (col.); KUZNETZOV, 1978: 453. – W. and C. Europe, E. Europe excl. northern parts, W. Siberia; Tadshikistan.
- L. (L.) subherculeana* FILIPJEV, 1925, Jber. Martianov. Staatsmus., **2**: 60 (*Polychrosis*). T.l.: Russia: Minssinsk d.
- L. (L.) herculeana* (KENNEL, 1900), Dt. ent. Z. Iris, **13**: 139, pl.5, fig.15 (*Polychrosis /Eudemis*). T.l.: N.W. China: Kuldsha. – Distr.: C. Asia.
- L. (L.) limoniana* (MILLIÈRE, 1860), Annls Soc. Linn. Lyon, **7**: 212, pl.4, fig.4-8 (*Sciaphila*). T.l.: France: Hyers, Ile de st. Margarite. – Distr.: Spain; S. France.
- L. (L.) littoralis* (WESTWOOD, 1845), Br. Moths, **2**: 143, pl.88, fig.13 (*Cnephasia*). T.l.: England. – *Orthotaenia venustana* DOUGLAS, 1846, Zoologist, **4**: 1269, fig. 6. T.l.: British Is. [a.t.w.]. – *Sericoris morbidana* DOUBLEDAY, 1850, Syn. List. Br. Ins.: 23. T.l.: British Is. [a.t.w.]. – *Sericoris hibernana* STAUDINGER, 1859, Stettin. ent. Ztg., **20**: 231. T.l.: Spain: Chiclana. – *Polychrosis littoralis* ssp. *annetensis* (TURNER, 1934), Ent. Rec., **46**: 52 (T.l.: England: Annet I. (Isles of Scilly). – *Polychrosis annetensis* f. *nigrescens* TURNER, 1934, ibid.: 52. – KENNEL, 1916: 457 (col.); RAZOWSKI, 1971: 527 (male genit. of type of *hibernana*); KUZNETZOV, 1978: 453 (male genit.). – Distr.: Sea shores of Europe, from Portugal to Sicily, Ireland to Netherlands, Denmark and Scandinavia; N. Africa; Asia Minor.
- L. (L.) cunninghamiacola* (LIU, 1977), Acta ent. Sinica, **20**(2): 217, figs 1-13 (moth, genit., early stages)(*Polychrosis*). T.l.: China: [written in Chinese].



(subgenus *Neolobesia* BAE & KOMAI, 1991)

*Neolobesia* BAE & KOMAI, 1991, Tyo Ga, **42**(2): 136; type-species: *Lobesia coccophaga* FALKOVITSH, 1970, by orig. design. Not reexamined.

*L. (N.) coccophaga* FALKOVITSH, 1970, Vestn. Zool., no.5: 62, fig.1 (male genit.). T.I.: Russia: Primor'e: Vladivostok. – KAWABE, 1982: 114 (*coccophaga*, col.). – Distr. Russia: Primor'e; Korea; Japan: Honshyu.

#### Unplaced species

*L. formalis* (MEYRICK, 1935), Materialien. Microlepid. Fauna chin. Prov.: 57 (*Polychrosis*). T.I.: China: Zhejiang Prov.: West Tien-mu-shan. – Distr.: China: Zhejiang, Lienping.

*L. isochroa* (MEYRICK, 1891), Entomologist's mon. Mag., **27**: 12 (*Eudemis*). T.I.: Algeria: Philippeville.

*L. matici* STANOIU, 1974. No data. [Rumania].

*L. mechanodes* (MEYRICK, 1936), Exotic Microlepid., **4**: 611 (*Polychrosis*). T.I.: China: Kashing.

*L. neptunia* (WALSINGHAM, 1907), Proc. zool. Soc. London, **1907**: 1000, pl.53, fig.1 (*Polychrosis*). T.I.: Canary Is.: Tenerife: Guimar, Teina, Puerto Orotawa. – Distr.: Canary Is.: Tenerife.

*L. vectis* DIAKONOFF, 1983, Ins. Saudi Arabia, **5**: 270, figs 46 (female genit.), 50 (male genit.), pl.2, fig.1 (col.). T.I.: Saudi Arabia: Asir Mts: Wadi Turabah. – Distr.: Saudi Arabia: Asir Mts and Al Uqdah.

#### *Phecasiophora* GROTE, 1873

(RAZOWSKI, 1989: 121, redescription)

(subgenus *Phaecasiophora* GROTE s.str.)

*Ph. (Ph.) attica* (MEYRICK, 1907), J. Bombay nat. Hist. Soc., **18**: 137. T.I.: India: Assam: Khasi Hills. – CLARKE, 1958: 487 (moth, genit. of lectot.) – Distr.: Pal.?: W.China. Orient.: India, Burma, Thailand, N.Vietnam.

*Ph. (Ph.) roseana* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)**6**: 334 (*Bactra*). T.I.: Japan: Honshu: Gifu. – KAWABE, 1982: 95 (col.). – Distr.: Japan: Honshu.

(subgenus *Megasyca* DIAKONOFF, 1959)

*Ph. (M.) fernaldana* WALSINGHAM, 1900, Ann. Mag. nat. Hist., (7)**5**: 135. T.I.: Japan, Korea: Gensan. – DIAKONOFF, 1959: 179 (genit.), KAWABE, 1982: 95 (col.). – Distr.: Korea: Japan: Honshu, Izu.

*Ph. (M.) obratzovi* DIAKONOFF, 1973, Zool. Monogr. Rijksmus. nat. Hist. Leiden, No.1: 124, figs 239 (male genit.), 240, 241 (female genit.). T.I.: Japan: Honshu: Kawati: Iwawakisan. – *pryeri*: ISSIKI, 1957: 71, misident. – KAWABE, 1982: 95 (col.). – Distr.: Japan: Honshu.

#### *Psilacantha* DIAKONOFF, 1966

(RAZOWSKI, 1989: 123, redescription)

*P. pryeri* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)**5**: 136 (*Phaecasiophora*). T.I.: Japan. – DIAKONOFF, 1973: 173 (male. & female genit. of types), KAWABE, 1982: 95. – Distr.: Japan: Honshu; ? China.



*Dactylioglypha* DIAKONOFF, 1973

(RAZOWSKI, 1989: 123, redescription)

*D. tonica* (MEYRICK, 1909), J. Bombay nat. Hist. Soc., **19**: 606 (*Argyrtoploce*). T.I.: Sri Lanka: Maskeliya, Kandy & Haldamulla. – DIAKONOFF, 1973: 190, RAZOWSKI, 1983: 123 (genit.). KAWABE, 1982: 95 (col.). – Distr.: Japan: Izu, (Orient.): Taihoku, also: India, Malay Peninsula, Java.

*Statherotoxys* DIAKONOFF, 1973

(RAZOWSKI, 1989: 124, redescription)

*S. hedraea* (MEYRICK, 1905), J. Bombay nat. Hist. Soc., **16**: 584 (*Platypeplus*). T.I.: Sri Lanka: Kandy. – DIAKONOFF, 1973: 199, RAZOWSKI, 1989: 124 (male & female genit.). – KAWABE, 1982: 96 (col.). – Distr.: Japan: Yakushima I. (Austr.) and India, Sri Lanka, Tenasserim (Orient.).

*Cephalophyes* DIAKONOFF, 1973

*Cephalophyes* DIAKONOFF, 1973, Zoöl. Monogr. Rijksmus. nat. Hist. Leiden, No. 1: 201. Type-species: *Cephalophyes porphyrea* DIAKONOFF, 1973, by orig. design.

*C. cyanura* (MEYRICK, 1909), J. Bombay Nat. Hist. Soc., **19**: 598 (*Argyroplote*). T.I.: Malay Peninsula: Gunong Ijan. – CLARKE, 1958: 500 (moth, male genit. of lectotype), DIAKONOFF, 1979: 204 (genit.). – KAWABE, 1982: 96 (col.). – Distr.: Japan: Izu (KAWABE, 1968).

*Statherotis* MEYRICK, 1909

(RAZOWSKI, 1989: 125, redescription)

*S. towadaensis* KAWABE, 1978, Tinea, **10**(19): 176, figs 9 (moth), 22 (male genit.). T.I.: Japan: Honshu: Aomori Pref.: Towada. – RAZOWSKI, 1979: 125 (male & female genit.). – KAWABE, 1982: 96 (col., male genit.). – Distr.: Japan: Honshu.

*S. threnodes* (MEYRICK, 1905), J. Bombay nat. hist. Soc., **16**: 585 (*Platypeplus*). T.I.: Sri Lanka: Kandy. – *Platypeplus hemiopta* MEYRICK, 1905, *ibid.*: 586. T.I.: Sri Lanka: Peradeniya. – *Platypeplus tetracona* MEYRICK, 1907, *ibid.*, **17**: 731. T.I.: Sri Lanka: Maskeliya. – CLARKE, 1958: 555 (moths, male genit. of types), KAWABE, 1982: 96 (col.). – Distr.: Japan: n.e.d.; Orient.: Sri Lanka.

*S. spathanum* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7) **6**: 336 (*Hystriocoscelus*). T.I.: Japan. – KAWABE, 1982: 100 (col.). – Distr.: Japan: Honshu.

*Proschistis* MEYRICK, 1907

(RAZOWSKI, 1989: 125, redescription)

*P. marmaropa* (MEYRICK, 1907), J. Bombay nat. Hist. Soc., **17**: 732 (*Sporocelis*). T.I.: Sri Lanka: Maskeliya. – RAZOWSKI, 1979: 126 (genit.). – KAWABE, 1982: 97 (col.). – Distr.: Japan: Honshu: Shizuoka, Izu I.

Unplaced species:

*P. stygnopa* MEYRICK [in:] CARADJA & MEYRICK, Materialien Microlepid. Fauna chin. Prov.: 57. T.I.: China: Tien-mu-shan. – CLARKE, 1958: 580 (phot. of type).



*Statherotmantis* DIAKONOFF, 1973

(Statheromantis [sic!] RAZOWSKI, 1989: 126, redescription)

- S. shicotana* V. I. KUZNETZOV, 1969, Ènt. Obozr., **48**(2): 357, fig. 7 (male genit.) (*Proschistis*). T.l.: Russia: Kuril Is.: Shikotan I.: at Shikotan Mt. – KAWABE, 1982: 97 (col.). – Distr.: Russia: Kuril Is.; Japan: Honshu.
- S. pictana* (V. I. KUZNETZOV, 1969), Ènt. Obozr., **48**(2): 355, figs 5 (male genit.), 6 (female genit.). T.l.: Russia: Kuril Is: Kunashir I.: near Sernovodsk. – KAWABE, 1982: 97 (col.). – Distr.: Russia: Kuril Is.; Korea; Japan: Hokkaido, Honshu.
- S. peregrina* (FALKOVITSH, 1966), Trudy zool. Inst. Leningr., **37**: 211, fig. 4, female genit.) (*Hedya*). T.l.: Russia: S. Primor'ye: Tigrovyi.

*Rhodacra* DIAKONOFF, 1973

(RAZOWSKI, 1989: 127, redescription)

- R. pyrrhocrossa* (MEYRICK, 1912), J. Bombay nat. Hist. Soc., **21**: 874. T.l.: India: Assam: Khasi Hills (*Argyroploce*). – DIAKONOFF, 1973: 286, RAZOWSKI, 1979: 127 (genit.), KAWABE, 1982: 97 (col.). – Distr.: Japan: Yakushima I. (Austr.). Orient.: India, Sri Lanka.

*Asaphistis* MEYRICK, 1909

*Asaphistis* MEYRICK, 1909, J. Bombay nat. Hist. Soc., **19**: 500. Type-species: *Asaphistis praeceps* MEYRICK, 1909, by monotypy, Orient. – *Metaschistis* DIAKONOFF, 1953, Verh. Kon. Ned. Akad. Wet., Nat. ser., (2) **49**(3): 49. Type-species: *Metaschistis sappirolflua* DIAKONOFF, 1969, by orig. design., Australian Region (New Guinea). – DIAKONOFF, 1973: 263, redescription.

- A. praeceps* MEYRICK, 1909, J. Bombay nat. Hist. Soc., **19**: 590. T.l.: India: Assam: Khasi Hills. – CLARKE, 1958: 304 (moth, male genitalia of lectotype). – KAWABE, 1982: 97 (col.). – Distr.: Japan: Honshu. Austr.: Yakushima I. Orient.: India.

*Apeleptera* DIAKONOFF, 1973

*Apeleptera* DIAKONOFF, 1973, Zoöl. Monogr. Rijksmus. nat. Hist., Leiden, No 1: 262, fig. 379 (ven.). Type-species: *Argyroploce semnodryas*, MEYRICK, 1936, by orig. design.

- A. semnodryas* (MEYRICK, 1936), Exot. Microlepid., **4**: 613 (*Argyroploce*). T.l.: Taiwan: Taihoku. – CLARKE, 1958: 548 (moth, male genit. of type), KAWABE, 1982: 97 (col.). – Distr.: Japan: n.e.d. Orient.: Taiwan.

*Aterpia* GUENÉE, 1845

(RAZOWSKI, 1989: 128, redescription)

- A. flavens* FALKOVITSH, 1966, Ènt. Obozr., **45**(4): 868, fig. 4 (male genit.). T.l.: Georgia: Borshomi. – Distr.: Turkey; Georgia, Abhasia, Daghestan.
- A. corticana* ([DENIS & SCHIFFERMÜLLER], 1775), Verz. Schmett. Wien. Gegend: 131 (*Tortrix*). T.l.: Vienna d. – [*Tortrix*] *charpentierana* HÜBNER, [1822-23], Sammlung eur. Schmett., Tortrices, pl. 45, fig. 281. T.l.: Europe (a.t.w.). – KENNEL, 1916: 403 (col.); RAZOWSKI, 1983: 30 (genit.). – Distr.: Mountains of C. and E. Europe, Scandinavia.



*A. sieversiana* NOLCKEN, 1870, Arb. Naturf.-Ver, Riga, **2**: 407 (*Penthina*). T.l.: – Latvia: Oesell. – KENNEL, 1916: 408 (col.), KUZNETZOV, 1987: 416 (male genit.). – Distr.: C.Europe, East Balticum.

*A. sieversiana quadrimaculana* SNELLEN, 1883, Tijdsch. Ent., **26**: 200 (*Grapholitha* / *Sericoris*). T.l.: Russia: Primor'e: Blagoveschensk. – Distr.: Russia: Transbaikalia, W. & NW Yakutia, Tuva, Primor'e; Mongolia.

*A. anderreggana* GUENÉE, 1845, Anns Soc. ent. Fr., (2)**3**: 161. T.l.: Switzerland. *Aterpia anderreggana*: Joannis, 1919: 9, subs.inc. spell.) – *Sericoris spuriana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur., **4**: 211 (1848, *ibid.*, pl.47, fig.334, non.binom.). T.l.: Switzerland: Alps. – *Olethreutes anderreggana* ab. *rebeliana* MITTERBERGER, 1912, Soc. Ent., **27**: 19. – KENNEL, 1916: 452 (col.); RAZOWSKI, 1983: 29 (genit.). – Distr.: Alps and Tatra Mts (Poland).

*A. bicolor* KAWABE, 1978, Tinea, **10**(19): 174, figs 1 (b/w phot.), 19 (male genit.), 32 (female genit.). T.l.: Japan: Tsushima I.: Taterayama. – KAWABE, 1982: 98 (col.).

*A. circumfluxana* (CHRISTOPH, 1881), Bull. Soc. imp. nat. Moscou, **56**(1): 78 (*Notocelia*). T.l.: Russia: Amur d. – KENNEL, 1916: 539 (col.); TREMATERRA & HUEMER, 1994: 49 (male genit.). – KAWABE, 1982: 98 (col.). – Distr.: Italy: Trieste; Russia: S. Siberia, Primor'e; China: n.e.d.; Japan: n.e.d.

*A. chalybeia* FALKOVITSH, 1966, Ènt. Obozr., **45**: 870, fig.6 (male genit.). T.l.: Russia: Primor'e: Amur d.: 55 km W Svobodnyi. – *Aterpia chalibeia*: KAWABE, 1967: 57, subs.inc.spell. – Distr.: Russia: W. Siberia, Primor'e; Japan: n.e.d.

*A. issikii* KAWABE, 1980, Tinea, **11**(3): 17, figs 1 (phot.), 15 (male genit.). T.l.: Japan: Kuchinoerabu I.: Honmura. – KAWABE, 1982: 98 (col.). – Distr.: Japan: Kuchinoerabu I.

*A. flavipunctana* (CHRISTOPH, 1881), Bull. Soc. imp. Nat. Moscou, **56**(2): 416 (*Grapholitha*). T.l.: Russia: 'Ussuri' – KENNEL, 1921: 684 (col.); FALKOVITSH, 1966: 869 (male genit., n.comb.), KAWABE, 1982: 98 (col., genit.). – Distr.: Russia: Primor'e; Korea; Japan: n.e.d.

#### *Selenodes* GUENÉE, 1845

(RAZOWSKI, 1989:129, redescription)

*S. karelica* (TENGSTRÖM, 1873). Forh. Fauna Flora Fennica, 44: 35 (*Penthina postrema* var.). T.l.: Russia: Olonets: Dworetz. – *Tortrix textana* (FRÖLICH, 1828), Enumeratio Tortr. Würtemb.: 54. T.l.: Germany: Württemberg. – *Penthina norvegicana* SCHØYEN, 1887, Forhandl. Vidensk. Selsk., **3**: 14. T.l.: n.d. – KENNEL, 1913: 393 (col.); RAZOWSKI, 1983: 32 (genit.). – Distr.: W.Palaeartic subregion as far as to Caucasus, locally.

#### *Neostatherotis* OKU, 1974

(RAZOWSKI, 1989: 129, redescription)

*N. nipponica* OKU, 1974, Kontyu, **42**(1): 14, figs 1-3. T.l.: Japan: Honshu: Morioka. – RAZOWSKI, 1989: 129 (genit.). – KAWABE, 1982: 96 (col.). – Distr.: Japan: Honshu.

#### *Neopotamia* DIAKONOFF, 1973

(RAZOWSKI, 1989: 130, redescription)

*N. ochracea* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)**5**: 133. T.l.: Korea: Gensan. – DIAKONOFF, 1973: 305 (comb.n.).



*N. divisa* (WALSINGHAM, 1900), Ann. Mag. nat. Hist.,(7)6: 132 (*Phaecadophora*). T.l.: Assam: Naga Hills: Golaghat. – *Argyroploce acrosema* MEYRICK, 1909, J. Bombay nat. Hist. Soc.,19: 601 (*Argyroploce*). T.l.: India: Assam: Khasi Hills. – KAWABE, 1982: 168 (in list). – Distr.: Japan: n.e.d. Orient.: India.

*Phecadophora* WALSINGHAM, 1900

(RAZOWSKI, 1989: 131, redescription)

*Ph. fimbriata* WALSINGHAM, 1900, Ann. Mag. nat. Hist.,(7)6: 130. T.l.: Japan: Kiushu; Assam: Margherita, Karen Hills, Pegu, etc. – *Argyroploce metactenis* MEYRICK, 1909, J. Bombay nat. Hist. Soc.,19: 597. T.l.:India: Assam: Khasi Hills.– *Argyroploce eucrossa* MEYRICK, 1914: Supplementa ent., No. 3: 49. T.l.: Taiwan: n.d. – *Argyroploce eaolotechna* MEYRICK [in] CARADJA & MEYRICK, 1935: Materialien. Microlepid. Fauna chin. Prov.: 60. T.l.: China: Nankin (Lungtan). – *Argyroploce leucocteis* DIAKONOFF, 1953, Verh. K. ned. Akad. Wet.,(2)49(3): 112, fig.324 (genit.) T.l.: New Guinea: Moss Forest Camp, 5 km NE Lake Habbema. – DIAKONOFF, 1973: 312 (genit.), KAWABE, 1982: 98 (col.). – Distr.: Japan: n.e.d. Orient.: India, China, Taiwan. Austr.: New Guinea.

*Ph. acutana* WALSINGHAM, 1900, Ann. Mag. nat. Hist.,(7) : 131. T.l.: Japan: Kyushu: Osuma: Takakumayama. – DIAKONOFF, 1973: 313 (genit.), KAWABE, 1982: 98 (col.). – Distr.: Japan: Kyushu. Orient.: Taiwan.

*Temnolopha* LOWER, 1901

(RAZOWSKI, 1989: 132, redescription)

*T. mosaica* LOWER, 1901, Trans. Proc. Rep. R. Soc. S. Australia,25: 72. T.l.: Australia: Queensland: – *Agryroploce clydonias* MEYRICK, 1907, J. Bombay, nat. Hist. Soc.,17: 734. T.l.: Sri Lanka: Wellawaya. – DIAKONOFF, 1973: 321, RAZOWSKI, 1989: 132 (genit.). – Distr.: Japan: Ogasawara Is. Orient.: Sri Lanka to Celebes; Austr.: Australia.

*Saliciphaga* FALKOVITSH, 1962

(RAZOWSKI, 1989, redescription)

*S. acharis* (BUTLER, 1879), Illustr. Lepid. Heterocera Colln Br. Mus.,3: 80, pl.60, fig.9 (*Penthina*). T.l.: Japan. – DIAKONOFF, 1973: 332, RAZOWSKI, 1979: 132 (genit.), KAWABE, 1982: 99 (col.). – Distr.: Russia: Primor'e; Korea; Japan: Hokkaido, Honshu, Oki Is, Yesso, Kyushu.

*S. caesia* FALKOVITSH, 1962, Trudy Zool. Inst. Leningr.,30: 359, figs 7 (male genit.), 8 (female genit.). T.l.: Russia: S. Primor'e: Ussurijsk. – KAWABE, 1982: 99 (col.). – Distr.: S. Primor'e; Japan: n.e.d.

*Pseudosciaphila* OBRAZTSOV, 1966

(RAZOWSKI, 1989: 133, redescription)

*P. branderiana* (LINNAEUS, 1758), Systema Naturae, ed.10: 531 (*Phalaena Tortrix*). T.l.: Europe. – *Phalaena Tortrix wahlbomiana* LINNAEUS, 1758, ibid.: 532. T.l.: Europe. – [*Tortrix*] *maurana* HÜBNER, [1796-99], Sammlung eur. Schmett.,Tortrices, pl.19,fig.122. t.l.: Europe (a.t.w.). – [*Tortrix*] *viduana* HÜBNER, [1830], ibid.,tabl.48,fig. 303. T.l.: Europe (a.t.w.). – ?[*Phalaeana*] *asinana* CLERCK, 1759, Icones Insect.,pl.2, fig.4. T.l.: n.r. [Sweden]. – *Tortrix aerosana* var.



*sajana* CARADJA, Dt. ent. Z. Iris, **52**: 111. – KENNEL, 1916: 419, BRADLEY & al., 1979: 43 (col.), RAZOWSKI, 1983: 343 (genit.). – Distr.: Holarctic region.

*Pseudohedya* FALKOVITSH, 1962

(RAZOWSKI, 1989: 134, redescription)

*P. gradana* (CHRISTOPH, 1881), Bull. Soc. imp. Nat. Moscou, **56**: 419 (*Grapholitha*). T.I.: Amur d. – KENNEL, 1913: 649 (col.), KAWABE, 1982: 102 (col.), FALKOVITSH, 1962: 192, DIAKONOFF, 1979: 333 (genit.). – Distr.: Russia: Primor'e; Japan: Hokkaido.

*P. retracta* FALKOVITSH, 19162, Trudy Zool. Inst. Leningr., **30**: 355, figs 3 (male genit.), 4 (female genit.). T.I.: Russia: S. Primor'e: Vladivostok d.: Okeanskaya. – KAWABE, 1982: 102 (col.). – Distr.: Russia: S. Primor'e; Japan: Hokkaido, Honshu.

*P. plumbosana* KAWABE, 1972, Tinea, **9**(1): 244, figs 2 (phot.), 14 (male genit.). T.I.: Japan: Honshu: Toyama Pref.: Omaki. – *Hemimene marmarocyma*: KAWABE, 1970, ibid., **8**(2): 203, misident. – KAWABE, 1982: 106 (col.). – Distr.: Japan: Honsy.

*P. elaborata* KAWABE, 1976, Tinea, **10**(3): 45, figs 8 (moth), 21 (male genit.), 27 (female genit.). T.I.: Japan: N. Honshu: Aomori Pref.: Tsuta Spa. – KAWABE, 1982: 102 (col.). – Japan: Honshu. – Note: probably synonymous with *cincinna*.

*P. cincinna* FALKOVITSH, 1962, Trudy zool. Inst. Leningr., **30**: 359, fig. 5 (male genit.). T.I.: Russia: S. Primor'e: Vladivostok d.: Okeanskaya. – Distr.: Russia: S. Primor'e; Japan: Hokkaido, Honshu.

*P. satoi* KAWABE, 1978, Tinea, **10**(19): 174, figs 2 (moth), 21 (male genit.), 34 (female genit.). T.I.: Japan: Hokkaido: Abashiri: Mt. Tentosan. – KAWABE, 1982: 102 (col.). – Distr.: Japan: Hokkaido, Honshu.

*Hedya* HÜBNER, [1825]

(RAZOWSKI, 1989: 135, redescription)

*H. salicella* (LINNAEUS, 1758), Systema Naturae, ed. 10: 536 (*Phalaena Tortrix*). T.I.: n.r. – *Tortrix salicana* [DENIS & SCHIFFERMÜLLER], 1775, Verz. Schmet. Wiener Geg.: 131, ? subs. inc. spell. – KENNEL, 1913: 366, BRADLEY & al., 1979: 41 (col.), RAZOWSKI, 1983: 48 (genit.). – Distr.: Palaearctic subregion from W. Europe to China and S. Primor'e, except for N. Africa, Asia Minor and Japan.

*H. abjecta* FALKOVITSH, 1962, Trudy Inst. Zool., Leningr., **30**: 353, fig. 1 (male genit.). T.I.: Russia: S. Primor'e: De Friz I. – Distr.: Russia: S. Primor'e.

*H. nubiferana* (HAWORTH, [1811]), Lepid. Br.: 431 (*Tortrix*). T.I.: Great Britain (a.t.w.). – KENNEL, 1913: 379 as *variegana*, BRADLEY & al., 1979: 37 (col.), RAZOWSKI, 1983: 50 (genit.). – Distr.: Holarctic region.

*H. subretracta* KAWABE, 1976, Tinea, **10**(3): 45, figs 9 (moth), 22 (male genit.), 28 (female genit.), **comb.n.** T.I.: Japan: Honshu: Tokyo: Takao. – KAWABE, 1982: 106 (col.). – Distr.: Japan: Honshu.

*H. pruniana* (HÜBNER, [1796-99]), Sammlung eur. Schmett., pl. 3, fig. 15. T.I.: Europe (a.t.w.). – KENNEL, 1913: 380, Bradley & al., 1979: 36 (col.), RAZOWSKI, 1983: 51 (genit.). – Distr.: Palaearctic subregion as far as to Kazakhstan and Iran; Russia: Ural Mts, S. Primor'e; Asia Minor.



- H. anaplecta* (MEYRICK, 1909), J. Bombay Nat. Hist. Soc., **19**: 598 (*Argyroploce*). T.l.: Sri Lanka: Maskeliya. – CLARKE, 1958: 483 (moth, male genit.), KAWABE, 1982: 100 (col.). – Distr.: Japan: Shikoku. Orient.: Sri Lanka.
- H. dimidiana* (CLERCK, 1759), Icones Insect. rariorum, **1**, pl.8, fig.10 [*Phalaena*]. T.l.: n.r. [Sweden]. – *Phalaena Tortrix schreberiana* Linnaeus, 1761, Fauna Suec.: 348. T.l.: Sweden: Upsala. – KENNEL, 1913: 388 (col.), RAZOWSKI, 1983: 52 (genit.). – Distr.: Median belt of Europe, E. Europe except SE part, Russia: Transbaikalia; SE Asia; China: n.e.d.; Korea; Japan: Izu. Orient.: Sri Lanka.
- H. iophaea* (MEYRICK, 1912), J. Bombay nat. Hist. Soc., **21**: 873 (*Argyroploce*). T.l.: Sri Lanka: Maskeliya. – CLARKE, 1958: 523 (moth, male genit. of lectotype), KAWABE, 1982: 100 (col.). – Distr.: Japan: n.e.d. Orient.: Sri Lanka.
- H. gratiana* KAWABE, 1974, Trans lep. Soc. Japan, **25**(4): 101, figs 9 (moth), 17, 18 (female genit.), 28 (male genit.). T.l.: Japan: Kuchinoerabujima I. – Distr.: Japan: Kuchinoerabujima I., Yakushima I.
- H. ignara* FALKOVITSH, 1962, Trudy Inst. Zool., Leningr., **30**: 354, fig.2 (male genit.). T.l.: Russia: S. Primor'e: Vladivostok d.: Okeanskaya. – KAWABE, 1982: 101 (col.). – Distr.: Russia: Primor'e; Japan: Hokkaido.
- H. semiassana* (KENNEL, 1901) Dt. ent. Z. Iris, **13**: 246 (*Penthina*). T.l.: Russia: Ussuri Region: Bikin, Baranovsk. – *Argyroploce semiassana* f. *aino* MATSUMURA, 1931, 6000 Illustr. Ins. Japan-Empire: 163, fig. T.l.: Japan: Ishikari: Mt. Teine. – KAWABE, 1982: 101 (col., genit.). – Distr.: Russia: Primor'e; Korea: Japan: n.e.d.
- H. ochroleucana* (FRÖLICH, 1828), Enumeratio Tortr. Würtemb.: 49 (*Tortrix*). T.l.: Germany: Württemberg (a.t.w.). – KENNEL, 1913: 381, Bradley & al., 1979: 38 (col.), RAZOWSKI, 1983: 53 (genit.). – Distr.: Palaearctic subregion (W. Europe to Far East). Nea.
- H. tsushimaensis* KAWABE, 1978, Tinea, **10**(19): 173, fig. 3 (phot.), 18 (male genit.). T.l.: Japan: Tsushima I.: Nenbutsuzaka. – Distr.: Japan: Tsushima I.
- H. perspicuana* (KENNEL, 1901), Dt. ent. Z. Iris, **13**(1900): 251 (*Penthina*). T.l.: Russia: Primor'e: Askold I. – KENNEL, 1913: 378 (col.), RAZOWSKI, 1971: 535 (genit.). – Distr.: Russia: Primor'e; Korea.
- H. auricristana* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)**6**: 237 (*Argyroploce*). T.l.: Japan: Kyushu. – KAWABE, 1982: 100 (col.). – Distr.: Japan: Kyushu.
- H. designata* V. I. KUZNETZOV, 1970, Ènt. Obozr., **49**: 434, fig. 1 (male genit.), 2 (female genit.). T.l.: Kuril Is: Kunashir: Sernovodsk d.
- H. inornata* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)**6**: 240 (*Argyroploce*). T.l.: Japan. – *Penthina crassiveniana* KENNEL, 1900, Dt. ent. Z. Iris, **13**: 244. T.l.: Russia: Primor'e: Ussuri territory. – KENNEL, 1913: 367 (col.), KAWABE, 1982: 100 (col.). – Distr.: Russia: Primor'e; China: n.e.d.; Korea; Japan: n.e.d.
- H. vicinana* RAGONOT, 1894, Anns Soc. ent. Fr., **63**: 200 (*Conchylis*). T.l.: Russia: "Amur". – KAWABE, 1982: 101 (col.). – Distr.: S. Siberia: Salair, Transbaikalia, S. Primor'e: Ussuri Region; China: n.e.d.; Japan: n.e.d.
- H. corni* OKU, 1974, Kontyu, **42**: 130, figs 6, 7. T.l.: Japan: Honshu: Takizawa, Iwate-ken.
- H. walsinghami* OKU, 1974, Kontyu, **42**: 131, figs 8, 9. T.l.: Japan: Honshu: Kuzakai, Iwate-ken.



*Dudua* WALKER, 1864

(RAZOWSKI, 1989: 136, redescription)

- D. aprobola* (MEYRICK, 1886), Trans. ent. Soc. London, **1886**: 275 (*Eccopsis*). T.l.: Tonga. – *Temnolopha metallota* LOWER, 1901, Trans. R. Soc. Austral., **25**(2): 73. T.l.: Australia: n.d. – DIAKONOFF, 1973: 418, RAZOWSKI, 1989: 136 (genit.), KAWABE, 1982: 99 (col., genit.). – Distr.: Japan: Oomura, Ogasawara Is.; China: n.e.d. Orient.: India to Celebes. Austr.: New Guinea; Athiop. Mascarene area: Seychelles.
- D. scaeaspis* (MEYRICK, 1937) [in:] CARADJA & MEYRICK, Dt. ent. Z. Iris, **51**: 182 (*Argyroploce*). T.l.: China: Likiang. – CLARKE, 1958: 575 (male genit., b/w phot. of type). – Distr.: Japan: n.e.d. Orient.: China: Yunnan.
- D. ptarmicopa* (MEYRICK, 1936), Exotic Microlepid., **4**: 612 (*Argyroploce*). T.l.: Taiwan: Taihoku. – CLARKE, 1958: 575 (male genit., b/w phot. of type). – Distr.: Japan: n.e.d. Orient.: China: Mt. Omei; Taiwan; Thailand; Palan Is.
- D. hemigrapta* (MEYRICK, 1931), Exot. Microlepid., **4**: 133. T.l.: Taiwan: Taihoku. – CLARKE, 1958: 516 (moth, male genit. of holotype), KAWABE, 1982: 99 (col., genit.). – Distr.: Japan: n.e.d. Orient.: Taiwan.

*Metendothenia* DIAKONOFF, 1973

(RAZOWSKI, 1989: 137, redescription)

- M. atropunctana* (ZETTERSTEDT, 1840), Ins. lapponica: 977 (*Penthina*). T.l.: Laponia. – *Tortrix dimidiana* SODOFFSKY, 1830, Bull. Soc. imp. Nat. Moscou, **1830**: 73, pl.1, fig.7. – *Penthina ochromelana* GUENÉE, 1845, Anns Soc. ent. Fr., (2) **3**: 152. T.l.: S. France. – KENNEL, 1913: 382, BRADLEY & al., 1979: 39 (col.), RAZOWSKI, 1983: 55 (genit.). – Distr.: C. & N. Europe, incl. British Is., Asia: Caucasus, Armenia, Kazakhstan, Russia: Siberia: from Ural Mts to Kamchatka, Primor'e, Kuril Is: Kunashir; Mongolia; Korea; ? Japan. Nea.
- M. inouei* KAWABE, 1987, Tinea, **12**, Suppl.: 139, figs 1 (b/w phot.), 5 (male genit.), 9-11 (female genit.). T.l.: Japan: Honshu: Mie Pref.: Otsujishinden, Hokusei-machi.

*Orthotaenia* STEPHENS, 1829

(RAZOWSKI, 1989: 138, redescription)

- O. secunda* FALKOVITSH, 1962, Trudy Inst. Zool., **30**: 363, fig. 10 (male genit.), 11 (female genit.). T.l.: Russia: Primor'e: Ussurijsk. – KAWABE, 1982: 112 (col.). – Distr.: Russia: Primor'e; Kuril Is: Kunashir; Korea; Japan: n.e.d.
- O. undulana* ([DENIS & SCHIFFERMÜLLER], 1775), Verz. Schmett. Wien. Gegend: 1431 (*Tortrix*). T.l.: Austria: Vienna d. (a.t.w.). – [*Tortrix*] *urticana* HÜBNER, [1796-99], Sammlung eur. Schmett., pl.11, fig.65. T.l.: Europe (a.t.w.). – *Celypha aemulana* HÜBNER, [1825], Verz. bekannter Schmett.: 382. T.l.: as above. – KENNEL, 1916: 410 (*urticana*), Bradley & al., 1979: 42 (col.), RAZOWSKI, 1983: 46, 1989: 138 (genit.). – Distr.: Europe, Caucasus: Armenia, Georgia, Kazakhstan; Russia: Siberia (E. of Tuva and Transbaikalia, Anadyr); Japan: n.e.d. ? N. Africa. Nea.

*Pseudohermenias* OBRAZTSOV, 1960

(RAZOWSKI, 1989: 139, redescription)

- P. hercyniana* (BECHSTEIN & SCHARFENBERG, 1805), Vollständ. Naturgersch. schädli. Ins., **3**: 755 (*Tortrix*). T.l.: N. Germany, etc. – ? *Pyralis abietiana* [sic!] FABRICIUS, 1787, Mantissa Ins., **2**:



237. T.l.: n.d. ?*Phalaena Tortrix abietana* GMELIN, 1788, Systema Naturae, ed.13(5): 2115. – *Phalaena (Tortrix, Coccyx) clausthaliana* SAXESEN, 1840 [in] RATZEBURG, Forst. Ins.: 223, pl.12,fig.2. T.l.: Germany: Clausberg, Lagenberg, Kleines Clausthal in Harz, etc. – *Tortrix (Coccyx) schidtiana* HERRICH-SCHÄFFER, 1951, Syst. Beareb. Schmett. Eur.,**4**: 221 (1848, ibid.,pl. 21,fig.151, non binom.). T.l.: Germany: Weissenfelds. – KENNEL,1916: 406 (col.), RAZOWSKI, 1983: 104 (genit.). – Distr.: central belt of Europe, W. Siberia.

*P. ajanensis* FALKOVITSH, 1966, Trudy Zool. Inst.,**37**: 223, figs 14a,b (male genit.), 15 (female genit.). T.l.: Russia: S. Primor'e: Vladivostok d.: Okeanskaya. – *P. ajaensis* [sic!] Oku, 1968: 227 (moth,genit.). – KAWABE, 1982: 111 [*ajaensis*] (col.). – Distr.: Russia: S. Primor'e; Japan: Hokkaido.

*Rudisociaria* FALKOVITSH, 1962

(RAZOWSKI, 1989: 140, redescription)

*R. expeditana* (SNELLEN, 1883), Tijdschr. Ent.,**26**: 198, pl.12,fig.1 (moth) (*Grapholitha /Sericornis*). T.l.: Russia: Amur Territory: "Imaschina, Semerow". – KENNEL, 1913: 409 (col.), FALKOVITSH, 1962: 195 (genit.). – Distr.: Russia: Bashkiria, Ural Mts, S. Siberia to Kamchatka, Transbaikalia, Primor'e, Magadan d. in the north; N. Kazakhstan; Mongolia; Korea; Japan: Honshu.

*Piniphila* FALKOVITSH, 1962

(RAZOWSKI, 1989: 140, redescription)

*P. bifasciana* (HAWORTH, [1811]), Lepid. Br.: 468 (*Tortrix*). T.l.: England. – *Sericoris decrepitana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur.,**4**: 216 (1848, ibid., pl.30,fig.222, non binom.). T.l.: Austria: Vienna d., Germany: Regensburg d. – [...] silphana MILLIÈRE, 1874, Rev. Mag. Zool.,(3)**2**: 247. T.l.: n.d. – KENNEL, 1916: 400, Bradley & al., 1979: 32 (col.), RAZOWSKI, 1983: 103 (genit.). – Distr.: Europe excl. northern part, Siberia, Primor'e; Korea; Japan: Hokkaido.

*Tia* HEINRICH, 1926

(RAZOWSKI, 1989: 141, redescription)

*T. enervana* (ERSHOFF, 1877), Horae Soc.ent. Ross.,**12**: 341.T.l.: Russia: Siberia: Kultuk. – KENNEL, 1916: 404 (col.), RAZOWSKI, 1989: 141 (male genit.). – Distr.: Russia: Ural Mts., Siberia, Primor'e. Nea. subregion.

*Apotomis* HÜBNER, [1825]

(RAZOWSKI, 1989: 141, redescription)

*A. semifasciana* (HAWORTH, [1811]), Lepid. Br.: 431 (*Tortrix*). T.l.: England: Kent. – *Tortrix acutana* TREITSCHKE,1835, Schmett. Eur.,**10**(3)" 68. T.l.: Germany: Augsburg. – *Sericoris elutana* DUPONCHEL, 1836, Hist. nat. Papillons Lépid. Fr.,**9**: 530, pl. 264, fig.1. T.l.: Switzerland. – BRADLEY & al.,1979: 44 (col.), RAZOWSKI, 1983: 36 (genit.). – Distr.: Europe; Kazakhstan; Mongolia; Russia: W. Siberia to S. Primor'e.

*A. infida* (HEINRICH, 1926), Bull. U.S. natn. Mus.,**132**: 121, figs 271, 380 (*Aphania*). T.l.: Canada: Quebec: St. Johns. – BRADLEY & al.,1979: 47 (col.), RAZOWSKI, 1983: 37 (genit.). – Distr.:



- Northern part and Central belt of Europe almost to Ural Mts, S and NE Siberia. Nea. subregion (Canada, USA)
- A. lineana** ([DENIS & SCHIFFERMÜLLER], 1775), Syst. Verz. Schmett. Wien. Geg.: 131 (*Tortrix*). T.l.: Austria: Vienna d. (a.t.w.). – *Phalaena Tortrix hartmanniana* LINNAEUS, 1761, Fauna Suecica: 345, n. praeocc. by *Phalaena hartmanniana* CLERK, 1759. T.l.: Sweden (a.t.w.) – [*Tortrix*] *scriptana* HÜBNER, [1796-99], Sammlung eur. Schmett., Tortrices, pl. 17, fig. 110. T.l.: Europe (a.t.w.). – *Tortrix mienshani* CARADJA, Dt. ent. Z. Iris, **53**: 111. T.l.: China: Prov. Shansi: Mienshan. – KENNEL, 1913: 370, BRADLEY & al., 1979: 48 (col.), RAZOWSKI, 1983: 38 (genit.). – Distr.: Central and North Europe; Monogolia; China: n.e.d.
- A. fraterculana** KROGERUS, 1946, Notul. ent., **25**: 146. T.l.: Finland: Yläluostari. – KUZNETZOV, 1978: 423 (male genit.). – Distr.: Fennoscandia and tundra of East Europe.
- A. monotona** V. I. KUZNETZOV, 1962, Trudy. Zool. Inst. Leningr., **30**: 340, figs 3a (male genit.), 3b (female genit.). T.l.: Russia: Priamur'e: Klimoutsy. – Distr.: Russia: Priamur'e.
- A. inundana** ([DENIS & SCHIFFERMÜLLER], 1775), Verz. Schmett. Wien. Geg.: 132 (*Tortrix*). T.l.: Austria: Vienna d. – KENNEL, 1913: 369 (col.), RAZOWSKI, 1983: 39 (genit.). – Distr.: W. & C. Europe, S. Siberia, S. Primor'e; China: n.e.d.
- A. lemniscatana** (KENNEL, 1901) Dt. ent. Z. Iris, **13**: 250 (*Penthina*). T.l.: Norway: Alten. – RAZOWSKI, 1973: 525 (male genit. of holotype). – Distr.: Mountains of Fennoscandia, NE Siberia: Anadyr.
- A. demissana** (KENNEL, 1901), Dt. ent. Z. Iris, **13**: 248 T.l.: Norway: Dovre. – KUZNETZOV, 1978: 424 (male genit.). – Distr.: Fennoscandia, [?northern part of Palaearctic subregion as far as to NE Siberia], Altai Mts.
- A. turbidana** HÜBNER, [1825], Verz. bekannter Schmett.: 380 (*Apotomis*). T.l.: Europe (a.t.w.). – *Tortrix pictana* FRÖLICH, 1828, Enumeratio Tortr. Würtemb.: 49. T.l.: Germany: Würtemberg (a.t.w.). – KENNEL, 1913: 372 (as *corticana*), BRADLEY & al., 1979: 49 (col.), RAZOWSKI, 1983: 40 (genit.). – Distr.: C. & N. Europe, Palaearctic Asia as far as to Kazakhstan and S. Primor'e.
- A. jucundana** KAWABE, 1984, Tinea, **11**(21): 183, figs 1-3 (moth), 7, 9 (male genit.). T.l.: Japan: Yamanashi Pref.: Kiyosato. – ISSIKI, 1957: 71, KAWABE, 1982: 103 (col.) as *cuphostra*. – Distr.: Japan: Hokkaido, Honshyu.
- A. betuletana** (HAWORTH, [1811]), Lepid. Br.: 432 (*Tortrix*). T.l.: England: Coomb Wood. – *Penthina leucomelana* GUENÉE, 1845, Annl. Soc. ent. Fr., (2) **3**: 152. T.l.: C. France. – KENNEL, 1913: 374, BRADLEY & al., 1979: 50 (col.), RAZOWSKI, 1983: 41 (genit.). – Distr.: N. & C. belt of Europe, Siberia, Transbaikalia, Primor'e; Korea.
- A. vigena** FALKOVITSH, 1966, Trudy zool. Inst. Leningr., **37**: 214, figs 6 (male genit.), 7 (female genit.). T.l.: Russia: Primor'e: Ussurijsk. – Distr.: Russia: Siberia: Irkutsk, Minussinsk; Primor'e.
- A. geminata** (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7) **6**: 237. T.l.: Japan: Kyushu. – KAWABE, 1982: 103 (col.). – Distr.: Japan: Kyushu.
- A. capreana** (HÜBNER, [1814-17]), Sammlung eur. Schmett., Tortrices, pl. 40, fig. 250 (*Tortrix*). T.l.: Europe (a.t.w.). – *Argyroplote capreana* f. *sapporensis* MATSUMURA, 1931, 6000 Illustr. Ins. Japan-Empire: 1062, fig. T.l.: Russia: Sakhalin, Japan: Hokkaido, Honshu. – KENNEL, 1913: 371, BRADLEY & al., 1979: 51 (col.), RAZOWSKI, 1983: 42 (genit.). – Distr.: Europe to Ural Mts.; Kazakhstan; Mongolia; Russia: Siberia to Upper Anadyr, Primor'e, Sakhalin; Japan: Hokkaido, Honshu. Nea.



- A. sororculana* (ZETTERSTEDT, 1840), *Insecta lapponica*: 977 (*Penthina*). T.I.: Norway: Brakkisfjellet and Dovre. – *Penthina praelongana* GUENÉE, 1845, *Annls Soc. ent. Fr.*, (2)3: 152. T.I.: France: near Paris. – *Aphania sororculana kalaivamara* Obraztsov, 1943, *Mitt. Münch. Ent. Ges.*, 33(3): 100. T.I.: Pamir Mts.: Kala-i-Vamar. – *Apotomis sororculana f. boreana* KROGERUS, 1946, *Notul. ent.*, 25: 145. – KENNEL, 1913: 375, BRADLEY & al., 1979: 52 (col.), RAZOWSKI, 1983: 43 (genit.). – Distr.: Europe (except for southern parts) from Iceland to Ural Mts, Siberia, Kazakhstan, Transbaikalia, Primor'e.
- A. sauciana* (FRÖLICH, 1828), *Enumeratio Tortr. Würtemb.*: 53 (*Tortrix*). T.I.: Germany: Württemberg (a.t.w.). – *Penthina grevillana* CURTIS, 1839, *Br. Ent.*, pl.567. T.I.: British Is.: n.r. – KENNEL, 1913: 375, BRADLEY & al., 1979: 55 (col.), RAZOWSKI, 1983: 44 (genit.). – Distr.: Northern and central belt of Europe to Ukraina; Siberia.
- A. vaccinii* V. I. KUZNETZOV, 1969, *Ènt. Obozr.*, 48(2): 354, figs 3 (male genit.), 4 (female genit.). T.I.: Kuril Is: Kunashir: near Sernovodsk. – KAWABE, 1982: 104 (*vaccini* [sic!]) (col., genit.). – Distr.: Russia: Sakhalin, Kuril Is: Kunashir; Japan: Honshu.
- A. stagnana* V. I. KUZNETZOV, 1962, *Bull. Soc. ent. Mulhouse*: 49, figs 1ab (male genit.), 1c (female genit.). T.I.: Russia: Primor'e: Klimoutsy (Amur d.). – Distr.: Russia: Primor'e; Mongolia.
- A. cuphostra* (BUTLER, 1879), *Illustr. typical Specimens Lepid. Heterocera Br. Mus.*, 3: 80, pl.60, fig.8 (moth) (*Penthina*). T.I.: Japan: [Yokohama]. – *Olethreutes maenamii* KAWABE, 1974, *Trans. Lepid. Soc. Jap.*, 25(4): 102, figs 6 (moth), 19, 20 (female genit.), 27 (male genit.), **syn.n.** – T.I.: Japan: Izu I.: Shikinejima. – KAWABE, 1982: 103 (col., genit.). – Distr.: Korea; Japan: Honshu, Kyushu, Izu, Yakushima.
- A. biemina* KAWABE, 1980, *Tinea*, 11(3): 18, figs 2 (phot.), 16 (male genit.), 31 (female genit.). T.I.: Japan: Honshu: Miyagi Pref.: Tokatta. – Distr.: Japan: Honshu, Ihey I.
- A. lacteifacies* WALSINGHAM, 1900, *Ann. Mag. nat. Hist.*, (7)6: 236 (*Argyroploce*). T.I.: Japan: Honshu: Yokohama. – KAWABE, 1982: 104 (col., genit.). – Distr.: Korea; Japan: Honshu, Oki Is.
- A. basipunctana* (WALSINGHAM, 1900), *Ann. Mag. nat. Hist.*, (7)6: 236 (*Argyroploce*). T.I.: Japan. – KAWABE, 1982: 104 (col.). – Distr.: China: Zi-ka-wei; Japan: n.e.d.
- A. platycremna* MEYRICK, 1935 [in:] CARADJA & MEYRICK, *Materialien Microlepid. Fauna chin. Prov.*: 61 (*Argyroploce*). T.I.: China: Tien-mu-shan. – CLARKE, 1958: 536 (b/w phot., male genit. of lectotype), KAWABE, 1982: 104 (col.). – Distr.: China: Tien-mu-shan; Japan: Shikoku: Kagawa Pref.
- A. algidana* KROGERUS, 1946, *Notul. ent.*, 25: 148. T.I.: Finland: Kuusama. KUZNETZOV, 1978: 419 (male genit.). – Distr.: Fennoscandia.
- A. frigidana* (PACKARD, 1867), *Proc. Boston Soc. Nat. Hist.*, 11: 57 (*Penthina*). T.I.: Canada: Caribou I. to Hopedale, Square I. – *Penthina moeschleri* KENNEL, 1901, *Dt. ent. Z. Iris*, 13: 249. T.I.: Labrador. – RAZOWSKI, 1971: 524 (genit. of type). – Distr.: NE Siberia: Chaun Bay. Nea.: Canada.
- A. kazarmana* FALKOVITSH, 1966, *Trudy zool. Inst. Leningr.*, 37: 212, fig. 5 (male genit.). T.I.: Kirgizstan: C. Thian-shan: Atbashi. – Distr.: Romania, Kirgizstan.



*A. lutosana* KENNEL, 1901, Dt.ent. Z. Iris, (1900)**13**: 247. T.l.: Fergana: Margellan. – KUZNETZOV, 1978: 419 (male genit.). – Distr.: S and SW Europe, Transcaucasia, Kazakhstan, Uzbekistan, Tadshikistan, Turkmenia.

*A. moestana* WOCKE, 1862, Stettin. Ent. Ztg.,**23**: 52 (*Penthina*). T.l.: Lapland: Bossekop. – KUZNETZOV, 1978: 423 (male genit.). – Distr.: Fennoscandia.

*Cymolomia* LEDERER, 1859

(RAZOWSKI, 1989: 143, redescription)

*C. hartigiana* (SAXESEN, 1840) [in:] RATZEBURG, Forstinsekten,**2**: 230, pl.12, fig.1 (*Phalaena/Tortrix, Sciaphila*). T.l.: Germany: near Berlin. – KENNEL, 1916: 432 (col.), RAZOWSKI, 1983: 92 (genit.). – Distr.: Northern (excl. British Is) and central belt of Europe, East Europe except for SE part, Russia: Primor'e; China: n.e.d.; Japan: Hokkaido.

*C. taigana* FALKOVITSH, 1966, Trudy zool. Inst. Leningr.,**37**: 220, fig. 12 (male genit.). T.l.: Russia: S. Primor'e: Kangauz. – Distr. Russia: S. Primor'e.

*C. jinboi* KAWABE, 1976, Tinea,**10**(3): 44, figs 7 (moth), 19 (male genit.). T.L.: Japan: Hokkaido: Mt. Daisetsu (Kurodake). – KAWABE, 1982: 105 (col.).

*Argyroploce* HÜBNER, [1825]

(RAZOWSKI, 1989: 143; *Stictea* GUENÉE, 1845, RAZOWSKI, 1989:144, redescriptions)

*S. mygindianus* ([DENIS & SCHIFFERMÜLLER], 1775), Syst. Verz. Schmett. Wien. Geg.: 131 (*Tortrix*). T.l.: Austria: Vienna d. – *Tortrix fulvipunctana* HAWORTH, [1811], Lepid.Br.; 400. T.l.: England: Norfolk. – *Tortrix flammeana* FRÖLICH, 1828, Enumeratio Tortr. Würtemb.,: 72. T.l.: Germany: Württemberg (a.t.w.). – *Orthotania formosana* CURTIS, 1831, Brit. Ent., part 8, pl. 364. T.l.: British Is.: n.d. – KENNEL, 1916: 423 (as *mygindana*), BRADLEY & al., 1979: 21 (col.), RAZOWSKI, 1983: 99 (genit.). – Distr.: Northern and central belt of Europe.

*A. arbutellus* (LINNAEUS, 1758), Systema Naturae, ed.10: 538 (*Phalaena Tinea*). T.l.: n.r. ([*Tortrix*] *arbutana* HÜBNER, [1811-13], subs. inc. spell.). – KENNEL, 1916: 424, BRADLEY & al., 1979: 22 (col.), RAZOWSKI, 1983: 93 (genit.). – Distr.: Europe, mainly northern and central parts.

*A. noricanus* (HERRICH-SCHÄFFER, 1851), Syst. Bearb. Schmett. Eur.,**4**: 236 (1848, ibid., pl.21, fig.147, non binom.)(*Paedisca*). T.l.: Austria: Vienna d.: Keiserstein. – *Argyroploce noricana* var. *dovreana* BARKA, 1922, Ent. Tidskr.,**43**: 39. T.l.: Norway:Dovre: Kongsvold. – KENNEL, 1916: 408 (col.), RAZOWSKI, 1983: 94 (genit.). – Distr.: Alps, Tatra Mts, Fennoscandia.

*Pristerognatha* OBRAZTSOV, 1960

(RAZOWSKI, 1989: 144, redescription)

*P. penthinana* (GUENÉE, 1845), Anns Soc.ent. Fr.,(2)**3**: 159 (*Sericoris*). T.l.: England. – *Sericoris postremana* LIENIG & ZELLER, 1846, Isis, Leipzig: 231. T.l.: Latvia: near Rambdau. – *heydeniana* HERRICH-SCHÄFFER, 1848, Syst. Bearb. Schmett. Eur.,**4**, pl.36, fig.259, pl.43, figs 304,305, pl.47, fig.329, non binom. – KENNEL, 1913: 391, BRADLEY & al., 1979: 35 (col.), RAZOWSKI, 1983: 89 (genit.). – Distr.: Europe from British Is. to Ural Mts, Transcaucasia, Siberia to S. Primor'e; Japan: n.e.d.



*P. fuligana* ([DENIS & SCHIFFERMÜLLER], 1775), Verz. Schmett. Wien. Geg.: 132 (*Tortrix*). T.l.: Austria: Vienna d. – KENNEL, 1913: 391 (col.), RAZOWSKI, 1983: 90 (genit.). – Distr.: C. Europe and E. Europe excl. its SE part; Kazakhstan; Siberia; Japan: Hokkaido, Honshu.

*Olethreutes* HÜBNER, [1822]

(RAZOWSKI, 1989:145, redescription)

*O. arcuellus* (CLERCK, 1759), Icones Insectorum., pl.10, fig.8 [*Phalaena*]. T.l.: n.r. (*Phalaena arcuana* LINNAEUS, 1761, Fauna Suecica, 2: Nr.1317, subs. inc. spell.). – *Phalaena lambergiana* Scopoli, 1763, Ent. Carniol.: 234. T.l.: Slovenia (= Carniolia). – KENNEL, 1916: 426, BRADLEY & al., 1979: 33 (col.), RAZOWSKI, 1983: 101 (genit.). – Distr.: Europe, Asia Minor, W. Siberia as far as to Yenisey R.; Kazakhstan; NW China.

*O. captiosanus* (FALKOVITSH, 1960), Ènt. Obozr., 39(3): 690, figs 1 (male genit.), 2 (female genit.) (*Phiaris*). T.l.: Russia: Priamure: Simonovo, 75 km W Svobodnyi. – *Olethreutes arcuella*: ISSIKI, 1957: 74, misident. – KAWABE, 1982: 105 (col., genit.). – Distr.: Siberia from Altai (Salairskij Kraj) to S. Primor'e, Kuril Is.; Korea; China: n.d.; Japan: n.e.d.

*O. subtilanus* (FALKOVITSH, 1959), Ènt. Obozr., 38(2): 460, figs 1a (male genit.), 1b (female genit.) (*Argyroplote*). T.l.: Russia: Salairskij Krai: Kemerovsk Prov.: Vaganovo. – KAWABE, 1982: 105 (col., genit.). – Distr.: NW part of E. Europe, Kuznetskij Ala Tau, S. Primor'e, S. Kuril Is.; NE China: n.e.d.; Korean Peninsula; Japan: n.e.d.

*O. agatha* FALKOVITSH, 1966, Novye Vidy Fauny Sibiri, Novosibirsk: 45, figs 6 (male genit.), 7 (female genit.). T.l.: Russia: S. Primor'e: Vladivostok d.: Okeanskaya. – Distr.: S. Primor'e.

*O. dolosanus* (KENNEL, 1901), Dt. ent. Z. Iris, 13: 254 (*Penthina*). T.l.: Russia: S. Primor'e: Suchan. – RAZOWSKI, 1971: 533 (male genit. of type). KAWABE, 1982: 108 (col., genit.). – Distr.: Russia: Primor'e; Korea; Japan: Hokkaido.

*O. castaneanus* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)6: 124 (*Exartema castaneanum*). T.l.: Japan: Kyushu, Korea: Gensan. – KAWABE, 1982: 109 (col.). – Distr.: Korea; Japan: n.e.d.

*O. examinatus* FALKOVITSH, 1966, Biol. Ins. A.N. Sibir. Odd., 1966: 42, figs 4 (male genit.), 5 (female genit.). T.l.: Russia: Priamur'e: Klimoutsy (40 km E. Svobodny). – *Argyroplote cacuminana*: TOLL, 1948, Docum. phsiogr. Polon., no.9: 14, pl.3, fig.30, misident. – KAWABE, 1982: 108 (col., genit.). – Distr.: Russia: Primor'e; Japan: Honshu, Oki Is.

*O. electanus* (KENNEL, 1901, Dt. ent. Z. Iris, 13(1900): 257 (*Penthina*). – T.l.: Russia: Primor'e: Suchan. – RAZOWSKI, 1971: 533 (female genit.), KAWABE, 1982: 106 (col., genit.). – Distr.: Russia: Primor'e; Korea; Japan: Honshu, Oki Is.

*O. tsutavorus* OKU, 1971, Kontyu, 39: 358, fig. 1. T.l.: Japan: Honshu: Morioka. – KAWABE, 1982: 106 (col.).

*O. hemiplacus* (MEYRICK, 1922), Exot. Microlepid., 2: 525 (*Argyroplote*). T.l.: China: Tienshin. – *Argyroplote albipalpis* MEYRICK, 1931, ibid., 4: 140. T.l.: China: Tsientsin. – CLARKE, 1958: 516 (male genit. of lectotype of *hemiplaca*), Park, 1988: 74. – Distr.: China: Tiensin, Shanghai; Korea.

*O. irina* FALKOVITSH, 1966, Trudy zool. Inst. Leningr., 37: 216, figs 8,9a,b (male genit.). T.l.: Russia: S. Primor'e: Suputinskij preserve. – Distr.: Russia: S. Primor'e.



- O. velutinus* WALSINGHAM, 1900, Ann. Mag. nat. Hist., (7)6: 125 (*Exartema velutinum*). T.l.: W. China: Mupin; Korea; Japan: Kiushu, Satsuma. – KAWABE, 1982: 110 (col.). – Distr.: W. China; Korea; Japan: Kiushu.
- O. mori* (MATSUMURA, 1900), Ent. Nachr., 26(13): 196 (*Evetria*). T.l.: Japan: Hokkaido: Iwate. – *Exartema japonicum* WALSINGHAM, 1900, Ann. Mag. nat. Hist., (7)6: 126. T.l.: Japan: Honsyu: Tsuruga. – Distr.: Russia: Primor'e; China: n.e.d.; Korea; Japan: Hokkaido.
- O. morivorus* (MATSUMURA, 1900), Ent. Nachr. Berlin, 26(13): 195 (*Seriocoris*). T.l.: Japan: Hokkaido: Sapporo. – KAWABE, 1982: 109 (col., genit.). – Distr.: Korea; Japan: Hokkaido, Honshu, Izu.
- O. orthocosmus* (MEYRICK, 1931), Exot. Microlepid., 4: 141 (*Argyroplote*). T.l.: Japan: Tokyo, Hasimoto. – KAWABE, 1982: 109 (col., genit.). – Distr.: Korea; Japan: Honshu.
- O. pryeranus* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (7)6: 126 (*Exartema pryerantum*). T.l.: Japan: Oiwake. – Distr.: Russia: Kuril Is; Korea; Japan: n.e.d.
- O. tephreus* FALKOVITSH, 1966, Trudy zool. Inst. Leningr., 37: 218, figs 10 (male genit.), 11 (female genit.). T.l.: Russia: S. Primor'e: Sikhote-Alin: Oblatchnaya Mt. – KAWABE, 1982: 107 (col.). – Distr.: Russia: S. Primor'e; Japan: Hokkaido.
- O. obovatus* WALSINGHAM, 1900, Ann. Mag. nat. Hist., (7)6: 241. T.l.: Honshu: Foochan. – KAWABE, 1982: 107 (col.). – Distr.: Russia: Priamur'e; Korea; Japan: Honshu.
- O. spiraeanus* V. I. KUZNETZOV, 1962, Trudy Inst. Zool. Kazakh. A.N., 18: 102, figs 7 (male genit.), 8 (female genit.) (*Olethreutes*). T.l.: Kazakhstan: Janvartsevo (right shore of Ural R.). – Distr.: Russia: Oremburg d., at Ural Mts; Caucasus; Kazakhstan.
- O. avianus* FALKOVITSH, 1959, Ènt. Obozr., 38(2): 463, fig. 3a (male genit.), 3b (female genit.). T.l.: Kazakhstan: Kuznetskij Ala Tau: Myski. – Distr.: Russia: W. Siberia, Kuznetskij Ala Tau, Primor'e; China: Manchuria.
- O. humeralis* (WALSINGHAM, 1900), Ann. Mag. nat. Hist., (&)6: 242 (*Argyroplote*). T.l.: Japan. – KAWABE, 1982: 107 (col., genit.). – Distr.: Japan: Honsyu?
- O. transversanus* (CHRISTOPH, 1881), Bull. Soc. Imp. Nat. Moscou, 46(1): 75 (*Penthina*). T.l.: Russia: Primor'e: Vladivostok. – KAWABE, 1982: 109 (col.). – Distr.: Russia: Primor'e; NW China; Korea; Japan: Hokkaido.
- O. flavifascianus* KAWABE, 1976, Tinea, 10(3): 47, figs 12 (moth), 29 (female genit.). T.l.: Japan: Honshu: Gunma Pref.: Kuridaira. – KAWABE, 1982: 106 (col., female genit.). – Distr.: Japan: Honshu, Kyushu.
- O. aquilonanus* (KARVONEN, 1932.), Notul. Ent., 12: 77 (*Argyroplote*). T.l.: Finland. – *Selenodes helvomaclulana* KOSTYUK, 1975, Vestn. Zool. Kijev, No. 6: 36, figs 3 (male genit.), 4 (female genit.). T.l.: Russia: Altai Mts.: Kuraiskij Range at Aktash (Tuva). – Distr.: N. Scandinavia: Sweden, Finland; Russia: N. Siberia, Baigatch I., Novaya Zemlya, Tuva, Altai.
- O. concretanus* (WOCKE, 1862), Stettin. Ent. Ztg., 23: 57. T.l.: Lapland: Bosekop. – KUZNETZOV, 1978: 428 (male genit.). – Distr.: Alps, Scandinavia, N. parts of East Europe, N. Ural Mts, Transbaikalia, NE Siberia, S. Primor'e.
- O. ledianus* (LINNAEUS, 1758), Systema Naturae, ed. 10: 532 (*Phalaena Tortrix*). T.l.: n.r. – *Conchylis westwoodana* ZETTERSTEDT, 1840, Insecta lapponica: 990. T.l.: Sweden: near Lycksele and Norway: Dovre. – *Penthina lienigiana* LIENIG & ZELLER, 1846, Isis, Leipzig: 213. T.l.:



- : Latvia: "Rambdau". – *Argyroploce szmyti* TOLL, 1957, Annls zool. Warsz., **16**(22): 352, fig. 5, pl. 44, fig. 4. T.l.: Poland: Rozdziały near Poznań. – KENNEL, 1913: 387 (col.), RAZOWSKI, 1983: 95 (genit.). – Distr.: Northern and central belt of Europe excl. British Is.; Russia: NE Siberia, Priamur'e, Kuril Is.; Japan: n.e.d.
- O. kamtshadalis* FALKOVITSH, 1966, Trudy zool. Inst. Leningr., **37**: 222, fig. 13 (male genit.) (*Selenodes*). T.l.: Russia: Kamchatka: Koriakskiy National Region: Apuka.
- O. magadanus* FALKOVITSH, 1965, Ènt. Obozr., **44**(2): 422, figs 13 a,b (male genit.) (*Selenodes*). T.l.: Russia: 160 km SW Magadan: C. Magaun.
- O. kononenkoi* V.I. KUZNETZOV, 1991 [in:] KUZNETZOV, V. I. & MIKKOLA, K., Nota lepid., **14**(3): 204, figs 6 (moth), 7 (male genit.) (*Olethreutes*). T.l.: Russia: Chukotka, 87 km on Egvekinot – Iultin road.
- O. dalecarlianus* (GUENÉE, 1845), Annls Soc. ent. Fr., (2)**3**: 160 (*Selenodes*). T.l.: Switzerland: 'Dalecarlia'. – *Penthina pyrolana* WOCKE, 1857, Jber. Schles. Ges. Vaterl. Kultur: 116. T.l.: n.r. – KENNEL, 1913: 388 (col.), RAZOWSKI, 1983: 97 (genit.). – Distr.: Northern and central belt of Europe from France, excl. British Is, E. Europe excl. southern parts, W. Siberia, Primor'e.
- O. roseomaculanus* (HERRICH-SCHÄFFER, 1851), Syst. Bearb. Schmett. Eur., **4**: 229 (*Penthina*) (1848, ibid., pl. 23, fig. 163, non binom.). T.l.: Europe (a.t.w.). – KENNEL, 1913: 386 (col.), RAZOWSKI, 1983: 97 (genit.). – Distr.: Northern and central belt of Europe, excl. British Is. and south of E. Europe; Russia: Primor'e.
- O. exaridanus* V. I. KUZNETZOV, 1991 [in:] KUZNETZOV, V. I. & MIKKOLA, K., Nota lepid., **14**(3): 202, figs 3 (moth), 4 (male genit.), 5 (female genit.) (*Olethreutes*). T.l.: Russia: Chukchi autonom. region: Upper Anadyr R.
- O. semicremanus* (CHRISTOPH, 1881), Bull. Soc. Imp. Nat. Moscou, **1**: 77 (*Penthina*). T.l.: Russia: "Amur" Territory. – KENNEL, 1913: 433 (col.), RAZOWSKI, 1971: 535 (male genit.). – Distr.: Russia: Priamur'e; Japan: n.e.d.

*Celypha* HÜBNER, [1825]

(RAZOWSKI, 1989: 146, redescription)

- C. rufana* (SCOPOLI, 1763), Ent. Carniolica.: 235 (*Phalaena*). T.l.: Slovenia (Carniolia). – [*Tortrix*] *rosetana* HÜBNER, [1796-99], Sammlung eur. Schmett., pl. 21, fig. 130. T.l.: Europe (a.t.w.). – KENNEL, 1913: 423, BRADLEY & al., 1979: 15 (col.), RAZOWSKI, 1983: 57 (genit.). – Distr.: N, C & E Europe, Transcaucasia, S. Siberia, Tuva, Transbaikalia; Korea.
- C. purpurana* (HAWORTH, [1811]), Lepid. Br.: 400 (*Tortrix*). T.l.: British Is. – (.....) *erythrana* TENGSTROM, 1847, Bidr., **1**: 75 [not seen]. T.l.: (n.d.). – KUZNETZOV, 1978: 433 (male genit.). – Distr.: W and E Europe excl. northern parts), Ural Mts, Siberia; Kazakhstan; Mongolia.
- C. rosaceana* SCHLÄGER, 1848, Berichte lepid. Tauschver. Jena: 229. T.l.: n.d. – Distr.: Europe: Russia: Siberia; Kazakhstan; Mongolia.
- C. anatoliana* (CARADJA, 1916), Dt. ent. Z. Iris, **30**: 57 (*Argyroploce striana* var.). T.l.: Turkey: Konia. – RAZOWSKI, 1971: 539 (male genit. of lectotype). – Distr.: Turkey: Anatolia; Ukraina; Caucasus; Russia: Transcaucasia, Tuva; Kazakhstan; Mongolia.
- C. confictana* (KENNEL, 1901), Dt. ent. Z. Iris, **13**(1900): 262 (*Pelatea*). T.l.: C. Asia: Alexander Mts. – KENNEL, 1916: 477 (col.), RAZOWSKI, 1971: 539 (male genit. of holotype).



- C. striana* ([DENIS & SCHIFFERMÜLLER], 1775, Syst. Verz. Schmett. Wien. Geg.: 129 (*Tortrix*). T.l.: Austria: Vienna d. – *Phalaena biliturana* DONOVAN, 1806, Nat. Hist. Br. Ins., **11**: 32, pl. 371, fig. 2. T.l.: England: Kent: near Faversham. – [*Tortrix*] *fasciolana* HÜBNER, [1814-17], Sammlung eur. Schmett., Tortrices, pl. 41, fig. 260. T.l.: Europe (a.t.w.). – KENNEL, 1916: 422, BRADLEY & al., 1979: 13 (col.), RAZOWSKI, 1983: 59 (genit.). – Distr.: Europe, Russia: Siberia to S. Primor'e.
- C. rurestrana* (DUPONCHEL, 1843), Hist. nat. Lépid. Papillons Fr., Suppl., **4**: 426, pl. 84, fig. 6 (*Sericoris*). T.l.: France (a.t.w.). – *Sericoris lucivagana* LIENIG & ZELLER, 1846, Isis, Leipzig: 229. T.l.: Latvia: near "Rambdau". – *Sericoris lucana* GUENÉE, 1845, Annls Soc. ent. Fr., (2) **3**: 157. T.l.: France. – KENNEL, 1916: 401 (col.), RAZOWSKI, 1983: 60 (genit.). – Distr.: N. & C. belt of Europe excl. British Is., Russia: Siberia (Transbaikalia), Primor'e.
- C. manoi* (KAWABE, 1987), Tinea, **12**, Suppl.: 140, figs 2 (phot.), 6 (male genit.) (*Hedya*), **comb.n.** T.l.: Japan: Honshu: Mie Pref.: Otsujishinden: Hokushei-machi. – Distr.: Japan: Honshu.
- C. fraudulentana* KENNEL, 1901, Dt.ent.Z. Iris, (1900) **13**: 256 (*Olethreutes*). T.l.: Russia: "Amur Territory". – KENNEL, 1916: 417 (col., holotype). – Distr.: Russia: Primor'e.
- C. capreolana* (HERRICH-SCHÄFFER, 1851), Syst. Bearb. Schmett. Eur., **4**: 209 (*Sericoris*); (1848, ibid., pl. 48, figs 341, 342, non binom.). T.l.: Germany: near Regensburg; Austria: near Vienna. – KENNEL, 1916: 416 (col.), RAZOWSKI, 1983: 61 (genit.). – Distr.: C. and partially E. Europe (S, SE parts); Russia: Ural Mts, S. Siberia; Kazakhstan.
- C. flavipalpana* (HERRICH-SCHÄFFER, 1851), Syst. Bearb. Schmett. Eur., **4**: 213 (*Tortrix* /*Sericoris*) (1848, ibid., pl. 30, figs 216, 217, non binom.). T.l.: Switzerland. – *Argyroploce lobocasis* MEYRICK, 1936 [in:] CARADJA & MEYRICK, Dt.ent. Z. Iris, **50**: 156. T.l.: China: Taishan. – CLARKE, 1958: 395 (b/w phot., male genit. of type), OKU, 1968: 223 (moth, genit.), RAZOWSKI, 1983: 62 (genit.). – Distr.: W & C. Europe to E. Europe (excl. northern part); Transcaucasia; Kazakhstan; Mongolia; Russia: Ural Mts, Siberia, Tuva, Transbaikalia, Primor'e; Mongolia; China: n.e.d.; Korea; Japan: Hokkaido, Honshu.
- C. cornigera* (OKU, 1968), Kontyu, **36**: 225, figs 1C (moth), 2E (male genit.), 2F (female genit.) (*Celyphoides*). T.l.: Japan: Honshu: Morioka. – KAWABE, 1982: 110 (col., genit.). – Distr.: Japan: Honshu, Shikoku.
- C. cespitana* (HÜBNER, [1814-17], Sammlung eur. Schmett., Tortrices, pl. 39, figs 244, 245 ([*Tortrix*])). T.l.: Europe (a.t.w.). – ? *Phalaena umbriana* SCOPOLI, 1763, Ent. Carn.: 237. T.l.: Slovenia (Carniola). – *Orthotaenia gramineana* CURTIS, 1831, Br. Ent., **8**, pl. 364. T.l.: Scotland: Egdynburg ("Arthur's Seat"). – *Rhyacionia flavofasciana* HUMPHREYS & WESTWOOD, 1854, Br. Moths, **2**: 173. T.l.: Great Britain (a.t.w.). *Sericoris poana* ZELLER, 1875, Verh. zool.-bot. Ges. Wien, **25**: 282. T.l. U.S.A.: Massachusetts: Ohio. – *Argyroploce (Celypha) kirinana* TOLL, 1949, Documenta physiogr. Poloniae, Nr. 9: 18, pl. 1, fig. 16 (phot.), pl. 3, fig. 35 (male genit.). – T.l.: China: Manchuria: Hsiaoling, Dshalantun, Yablonya, Kaolingtzu in Kirin Prov. (KUZNETZOV, 1967: 55 as distinct ssp. restricted to Primor'e and Manchuria). – *Celypha constructa*: ISSIKI, 1957: 75, misident. [Nearctic synonymy not included]. – KENNEL, 1916: 414 (col.), BRADLEY & al., 1979: 17 (col.), RAZOWSKI, 1983: 63 (genit.). – Distr.: Europe, Ural Mts, Transcaucasia, Asia Minor; Iran; Russia: Siberia, Tuva, Primor'e; NE China: Manchuria; Korea; Japan: Hokkaido, Honshu.
- C. kurilensis* OKU, 1965, Kontyu, **33**(4): 452, figs 3 (wing), 4 (male genit.) (*Celyphoides*). T.l.: Russia: Kuril Is: Kunashir I.: Tinomizi.



- C. subelectana* (KAWABE, 1976), *Tinea*, **10**(3): 46, figs 11 (moth), 20 (male genit.), 30 (female genit.) (*Olethreutes*). T.l.: Japan: Toyama Pref.: Omaki. – KAWABE, 1982: 106 (col., genit.). – Distr.: Japan: Honshu, Shikoku.
- C. hydrangeana* KUZNETZOV, 1969, *Ent. Obozr.*, **48**: 352, figs 1 (male genit.), 2 (female genit.). T.l.: Russia: Kuril Is.: S. Kunashir l.: Sernovodsk d. – KAWABE, 1982: 107 (col., genit.). – Distr.: Russia: Kuril Is: Kunashir; Japan: n.e.d.
- C. woodiana* (BARRET, 1882), *Entomologist's mon. Mag.*, **18**: 185 (*Brachytaenia*). T.l.: England: Herefordshire. – KENNEL, 1911: 365 (col.), BRADLEY & al., 1979: 16 (col.), RAZOWSKI, 1983: 64 (genit.). – Distr.: England; Europe from Switzerland to W. Ukraina.
- C. ermolenkoi* (KOSTYUK, 1980), *Vestn. Zool.*, **64**: 27, figs 3 (male genit.), 4 (female genit.). T.l.: Ukraina: Crimea: Kazantipskij mys. – Distr.: Ukraina: Crimea.
- C. nigricrista* KUZNETZOV, 1976, *Trudy Inst. Zool.*, **54**: 9, fig. 10 (male genit.). T.l.: Russia: S. Primor'e: near Ussurijsk. – Distr.: Russia: Primor'e; Korea.

### *Loxoterma* BUSCK, 1906

*Loxoterma* Busck, 1906, *Ent. News*, **17**: 305. Type-species: *Tortrix latifasciana* HAWORTH, [1811], by monotypy. – *Paracelypha* OBRAZTSOV, 1960, *Beitr. Ent.*, **10**: 477. Type-species: *Phalaena rivulana* Scopoli, 1763, by origin. design. (RAZOWSKI, 1983: 66, redescription [in Polish])

- L. tiedemanniana* (ZELLER, 1845), *Arch. vaterl. Intern.*, **2**: 530 (*Sericoris*). T.l.: n.d. – KENNEL, 1916: 408 (col.), RAZOWSKI, 1983: 66 (genit.). – Distr.: Central Europe, S. Scandinavia, E. Europe; Russia: Siberia, Tuva, Primor'e; Kazakhstan; Mongolia; China: Manchuria; Mongolia.
- L. lacunana* ([DENIS & SCHIFFERMÜLLER], 1775, *Verz. Schmett. wien. Geg.*: 318 (*Tortrix*). T.l.: Austria: Vienna d. (a.t.w.). – *Sericoris herbana* GUENÉE, 1845, *Annls Soc. ent. Fr.*, (2)**3**: 157. T.l. W. France. – *Sericoris rooana* DE GRAAF, 1861, *Tijdschr. Ent.*, **4**: 168, pl.12, fig.2. T.l.: Netherlands: near Noordwyk. – *hoffmanniana* TEICH, 1890, *Stettin. Ent. Ztg.*, : 49. – KENNEL, 1916: 411 (col.), BRADLEY & al., 1979: 28 (col.), RAZOWSKI, 1983: 67 (genit.). – Distr.: Europe to Ural Mts, Caucasus, Transcaucasia; Asia Minor; Russia: W Siberia to Novosibirsk, Tuva; Korea; Japan: n.e.d.

*L. lacunana alticola* GIBEAUX, 1990, *Alexanor* (1989)**16**(3): 182, fig.10. T.l.: France: Hautes Alpes: col du Lauteret, Serre-Orel. [not seen; status – ?].

*L. lacunana symmathetes* CARADJA, 1916, *Dt.ent.Z. Iris*, **30**: 58 (*Argyroplote*). T.l.: Russia: Primor'e: "Radde". – Distr.: Russia: from Transbaikalia, Gornoaltaisk and Hamar-Daban to Sikhote-Alin, Magadan, Kuril Is: Kunashir; N. Mongolia.

- L. siderana* (TREITSCHKE, 1835), *Schmett. Eur.*, **10**(3): 81 (*Sericoris*). T.l.: Rumania: Banat. – *Argyroplote notata* WALSINGHAM, 1900, *Ann. Mag. nat. Hist.*, (7)**6**: 129. T.l.: Japan: Hokkaido. – KENNEL, 1913: 394 (col.), RAZOWSKI, 1983: 69 (genit.). – Distr.: Central and southern belt of W. Europe, E. Europe excl. the northern part; Russia: Siberia, Transbaikalia, Primor'e; China: n.e.d.; Korea; Japan: Hokkaido.

*L. astrana* (GUENÉE, 1845), *Annls Soc. ent. Fr.*, (2)**3**: 159. T.l.: Switzerland: Jura Mts.

*L. hummeli* CARADJA, 1934, *Arkiv Zool.*, **27a**(8): 10 (*Argyroplote*). T.l.: China: NE Sichuan.

*L. doubledayana* (BARRET, 1872), *Entomologist's monthly Mag.*, **8**: 246 (*Sericoris*). T.l.: n.d. – KUZNETZOV, 1978: 445 (male genit.). – Distr.: Central and southern parts of W. Europe; England;



Asia Minor; Daghestan, Transcaucasia, S. Siberia, Primor'e; China: n.e.d.; Korea; Japan: Hokkaido, Honshu.

*L. rivulana* (SCOPOLI, 1763), Ent. Carniolica: 237 (*Phalaena*). T.l.: Slovenia (Carniolia). – [*Tortrix*] *conchana* HÜBNER, [1796-99], Sammlung eur. Schmett., Tortrices, pl. 17, fig. 106. T.l.: Europe (a.t.w.). – KENNEL, 1916: 413, BRADLEY & al., 1979: 18 (col.), RAZOWSKI, 1983: 70 (genit.). – Distr.: Palaearctic subregion, from W. Europe to S. Primor'e and Magadan d.; Mongolia.

*L. aurofasciana* (HAWORTH, [1811]), Lepid. Br.: 468 (*Tortrix*). T.l.: England. – *Tortrix latifasciana* HAWORTH, [1812], Trans. ent. Soc. London, 1: 337. T.l.: n.r. – [*Tortrix*] *venustana* HÜBNER, [1830], Sammlung eur. Schmett., Tortrices, pl. 51, fig. 326. T.l.: Europe (a.t.w.) – *Grapholitha dormoyana* DUPONCHEL, 1835, Hist. nat. Lépid. Papillons Fr., 9: 297, pl. 250, fig. 10. T.l.: France: Department du Nord. – *Loxoterma latifasciana* v. *paleana* CARADJA, 1916, Dt. ent. Z. Iris, 30: 59. T.l.: Russia: Far East: "Radde". – KENNEL, 1916 433 (col., *latifasciana*), BRADLEY & al., 1979: 20 (col.), RAZOWSKI, 1983: 71 (genit.). – Distr.: Northern and Central Europe, western part of E. Europe, Transcaucasia, Asia Minor; Korea; Japan: n.e.d.

*L. bipunctana* (FABRICIUS, 1794, Ent. Syst., 3(2): 250 (*Pyralis*). T.l.: ? Italy. – KENNEL, 1916: 402 (col.), RAZOWSKI, 1983: 86 (genit.). – Distr.: Central and northern belt of Europe; Russia: Siberia, Primor'e; Mongolia.

*L. bipunctana yama* (KAWABE, 1974), Trans. Ent. Soc. Jap., 25(4): 102, figs 4 (moth.), 26 (male genit.). T.l.: Japan: Hokkaido: Mt. Daisetsu. Misidentification: *Celypha expeditana*: ISSIKI, 1957: 72. – Distr.: Japan: Hokkaido.

#### *Phiaris* HÜBNER, [1825]

(RAZOWSKI, 1989: 147, redescription)

*Ph. umbrosana* (FREYER, 1842), Beitr. Geschichte eur. Schmett., 4: 46, pl. 318, fig. 1 (*Sericoris*). T.l.: Europe (a.t.w.). – KENNEL, 1913: 411 (col.), RAZOWSKI, 1983: 73 (genit.). – Distr.: Central belt of W. and C. Europe, E. Europe excl. the south.

*Ph. helveticana* DUPONCHEL, 1844, Cat. méth. Lépidopteres Europe: 301. T.l.: Switzerland. (*Sericoris textana* DUPONCHEL, 1834, Hist. nat. Lépid. Papillons Fr., 6: 223, pl. 246, fig. 8 – misident.) *Sericoris fulgidana* GUENÉE, 1845, Annls Soc. ent. Fr., (2) 3: 159. T.l.: France: Burgundia; Switzerland. – *Sericoris gigantana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur., 4: 213 (1847, ibid., fig. 233 – non binom.). T.l.: Germany: near Regensburg, Maria-Ort. – KENNEL, 1916: 398 (col.), KUZNETZOV, 1978: 436 (male genit.). – Distr.: France, Switzerland and Germany.

*Ph. bidentata* (V. I. KUZNETZOV, 1971), Ènt. Obozr., 50(2): 427, fig. 1 (male genit.) (*Olethreutes*). T.l.: Russia: E. Siberia: "Radde".

*Ph. cacuminana* KENNEL, 1901, Dt. ent. Z. Iris, 13(1900): 253 (*Penthina*). T.l.: Russia: Primor'e: Suchan. – *Phiaris gordiana* KENNEL, 1919, Mitt. Münch. Ent. Ges., 8: 81, pl. 3, fig. 12. T.l.: Russia: East Tannu-Ola. – FALKOVITSH, 1966: 42 (female genit. of holotype), RAZOWSKI, 1971: 530 (male genit. of *gordiana*). – Distr.: Mongolia; Russia: Primor'e; Korea; Japan: n.e.d.

*Ph. dissolutana* (STANGE, 1866), Stettin. ent. Ztg., 47: 282 (*Sericoris*). T.l.: Poland: Świnoujście, Szczecin-Dąbie, Pomorze. – KENNEL, 1916: 405 (col.), RAZOWSKI, 1983: 76 (genit.). – Distr.: CN Europe, East Balticum; Kuznetskiy Ala Tau; Altai, NE Siberia; Korea.



**Ph. obsoletana** (ZETTERSTEDT, 1840), Ins. lapponica: 980 (*Tortrix*). T.I.: Nordlandia, Norway: Schiervoe I.: near Raschstind. – *Eana nebulana* ZETTERSTEDT, 1840, *ibid.*: 985. T.I.: Sweden: Lycksele, Tresunda, etc. – *Sericoris schoenerrhana* GUENÉE, 1845, *Annls Soc. ent. Fr.*, (2)3: 158. T.I.: Germany. – *Sericoris sudetana* STANDFUSS, 1846, *Stettin. ent. Ztg.*, 7: 386. T.I.: Poland: Karkonosze Mts. – [*Sericoris*] *irriguana* HERRICH-SCHÄFFER, 1856, *Syst. Bearb. Schmett. Eur.*, 6: 160, (1852, *ibid.*, pl. 59, figs 424, 425, non binom.). T.I.: Austria: Grossglockner. – KENNEL, 1916: 429, BRADLEY & al., 1979: 30 (col.), RAZOWSKI, 1983: 75 (genit.). – Distr.: N. Europe, mountains of C. Europe (Alps, Sudety Mts, Tatra Mts), E. Europe excl. the southern part; Siberia from Lena R. to Tuva and Anadyr, Primor'e; Mongolia.

**Ph. metallicana** (HÜBNER, [1796-99]), *Sammlung eur. Schmett.*, *Tortrices*, pl. 11, fig. 68 ([*Tortrix*]). T.I.: Europe (a.t.w.). – *Tortrix metallana* FRÖLICH, 1828, *Enumeratio Tortr. Würtemb.*: 69, ? n. emend. T.I.: Germany: Württemberg (a.t.w.). – *Grapholitha lobarzewskii* NOWICKI, 1864, *Microlepid. species novae*: 9, fig. 1 (col.). T.I.: Ukraina: Sambor, Lvov, near Vienna. – *Argyroplote metallicana* var. *amurensis* CARADJA, 1916, *Dt. ent. Z. Iris*, 30: 58. (V. I. KUZNETSOV, 1967: 56 as distinct ssp. ranged eastwards Transbaikalia). – *Argyroplote metallicana* var. *asiatica* CARADJA, 1916, *ibid.*: 58 (KUZNETSOV, 1971: 429 /male genit./ as valid ssp.). – KENNEL, 1916: 428, Bradley & al., 1979: 24 (col.), RAZOWSKI, 1983: 77 (genit.). – Distr.: N. and C. belt of Europe, E. Europe excl. southern parts, Ural Mts., Siberia to Anadyr, Transbaikalia, Priamor'e; Korea; Mongolia; China: n.e.d.

**Ph. metallicana bicornutana** V. I. KUZNETSOV, 1971, *Ent. Obozr.*, 50(2): 428, fig. 2a (male genit.). T.I.: Russia: Kuril Is: Shikotan I.: near Malokurilsk. – Distr.: Kuril Is: Shikotan I.

**Ph. schulziana** (FABRICIUS, 1777), *Genera Ins.*: 293 (*Pyralis*). T.I.: Germany. – [*Tortrix*] *pinetana* HÜBNER, [1796-99], *Sammlung eur. Schmett.*, *Tortrices*, pl. 10, fig. 57. T.I.: Europe (a.t.w.). – *Phalaena bentleiana* DONOVAN, 1801, *Nat. Hist. Br. Insects.*, 10: [85], pl. 357, fig. 1. T.I.: Great Britain (a.t.w.); *Argyrolepia bentleyana* STEPHENS, 1829, n. emend. – *Tortrix zinkeana* FRÖLICH, 1828, *Enumeratio Tortr. Würtemb.*: 71. T.I.: Germany: Württemberg (a.t.w.). – *Sericoris daleana* DOUBLEDAY, 1859, *Synon. List Br. Lepidopt.*: 22, n. nov. for *alternana* CURTIS not DENIS & SCHIFFERMÜLLER. – *Penthina schulziana* var. *jivaarana* HOFFMANN, 1893, *Stettin ent. Ztg.*, 54(4-6): 133. T.I.: N. Finland: Jivaara Mt. – KENNEL, 1913: 397, BRADLEY & al., 1979: 25 (col.), RAZOWSKI, 1983: 78 (genit.). – Distr.: N & C Europe, E. Europe excl. the south; Russia: Siberia, Tchukotka, Kamchatka; Japan: Honshu. Nea.

**Ph. schaefferana** (HERRICH-SCHÄFFER, 1851), *Syst. Bearb. Schmett. Eur.*, 4: 217 (1947, pl. 20, figs 144, 145, non binom.). T.I.: Europe (a.t.w.). – KENNEL, 1916: 400 (col.), RAZOWSKI, 1983: 83 (genit.). – Distr.: Mountains of C. Europe, Fennoscandia, NE part of East Europe, Ural Mts; Asiatic Russia, from Magadan to NE Siberia and Kuril Is.

**Ph. turfosana** (HERRICH-SCHÄFFER, 1851), *Syst. Bearb. Schmett. Eur.*, 4: 217 (*Sericoris*). T.I.: ?Poland: Silesia, Germany: Brandenburgia. – *Argyroplote valesiana* REBEL, 1906, *Dt. ent. Z. Iris*, 19: 232. T.I.: Switzerland: Wallis: Grünen. – KENNEL, 1913: 396 (col.), RAZOWSKI, 1983: 79 (genit.). – Distr.: Northern and central belts of Europe excl. British Is., Russia: Siberia: Transbaikalia, Primor'e, Tchukotka, Provideniya, Shantar I; Korea.

**Ph. stagnicolana** PRERISSECKER, 1914, *Verh. zool.-bot. Ges. Wien.*, 64: (56). T.I.: Austria: Karlstift (Teicher Moor, Stadelberger Moor), Russia: St. Petersburg. Not examined.

**Ph. olivana** (TREITSCHKE, 1830), *Schmett. Eur.*, 8: 151 (*Sericoris*). T.I.: Germany: Saxony; Austria: Styria. – *micana* HÜBNER, 1796-99, *Sammlung eur. Schmett.*, pl. 5, fig. 28, non binom. T.I.: Europe (a.t.w.). *Argyrolepia bistrigana* STEPHENS, 1834, *Illustr. Br. Ent., Haustellata*, 4: 177. T.I.: England: London. – *Orthotaenia haworthana* STEPHENS, 1834, *ibid.*: 179. T.I.: England:



Norfolk. – KENNEL, 1913: 395, BRADLEY & al., 1979: 27 (col.), RAZOWSKI, 1983: 80 (genit.). – Distr.: Central and northern belt of Europe; Russia: Priural'e, S. Siberia, Primor'e; Korea.

**Ph. palustrana** (LIENIG & ZELLER, 1846), Isis, Leipzig: 230 (*Sericoris*). T.l.: Latvia: near "Rambdau". – *disertana* HERRICH-SCHÄFFER, 1848, Syst. Bearb. Schmett. Eur., pl. 30, figs 213-215, non binom. – *Grapholita puerilana* HEINEMANN, 1863, Schmett. Deutschl. Schweiz, : 122 (not seen; cf. KENNEL, 1916). T.l.: Switzerland: Glockner area. – KENNEL, 1916: 399, BRADLEY & al., 1979: 26 (col.), RAZOWSKI, 1983: 82 (genit.). – Distr.: Central and northern belt of Europe, SW part of E. Europe, Russia: W. and NE Siberia.

**Ph. exilis** FALKOVITSH, 1966, Biol. Inst. A.N. Sibir. Odd., 1966: 39, figs 1 (male genit.), 2 (female genit.) (*Olethreutes*). T.l.: Russia: Primor'e: Samodon Is. (on Amur R.; 100 km E. Svobodnyi). – Distr.: Russia: Primor'e.

**Ph. moderata** (FALKOVITSH, 1962), Trudy, Inst. Zool. Leningr., 30: 365, fig. 12 (male genit.), 13 (female genit.) (*Olethreutes*), **comb.n.** T.l.: Russia: Primor'e: Ussurijsk. – KAWABE, 1982: 108 (col., genit.). – Distr.: Russia: Primor'e; Korea; Japan: n.e.d.

**Ph. ineptana** (KENNEL, 1901), Dt. ent. Z. Iris, 13(1900): 255 (*Penthina*). T.l.: Russia: Primor'e: Askold I. – RAZOWSKI, 1971: 533 (female genit. of lectotype), KAWABE, 1982: 109 (col.). – Distr.: Russia: Primor'e; Korea; Japan: n.e.d.

**Ph. stibiana** (GUENÉE, 1845), Anns Soc. ent. Fr., (2)3: 158 (*Sericoris*). T.l.: Austria. – *Argyroploce stibiana* var. *sibirana* CARADJA, 1916, Dt. ent. Z. Iris, 30: 58. T.l.: Kuldsha: W. Thian shan Mts. – *Argyroploce fluviana* KENNEL, 1919, Mitt. Münch. Ent. Ges., 8: 77, pl. 3, fig. 9 (*Argyroploce*). T.l.: Kirgizia: Usgent (=Tchagen). – KENNEL, 1916: 431 (col.), RAZOWSKI, 1983: 84 (genit. of lectotype). – Distr.: Europe excl. British Is and the most southern area; Asia Minor; Transcaucasia; Russia: Ural Mts, S. Siberia, Saian, Transbaikalia; Kazakhstan; Mongolia.

**Ph. ernestiana** (OBRAZTSOV, 1961), Mitt. Münchn. Ent. Ges., 51: 155, pl. 12, figs 1, 2 (b/w phot., male genit.). T.l.: Asia Minor: Anatolia: Akshehir.

**Ph. pfeifferiana** (OBRAZTSOV, 1961, Mitt. Münch. Ent. Ges., 51: 156, pl. 13, figs 1, 2 (b/w phot., male genit.). T.l.: Asia Minor: Turkey: Achyr Dag, Bertiz Jaila near Marash.

**Ph. predotai** HARTIG, 1938, Z. österr. Ent. Ver., 23: 83, pl. 7, fig. 2 (*Olethreutes*). T.l.: Spain: Aragonia: Albarracin. – BAIXERAS & DOMINGUEZ, 1994: 349 (b/w phot., male genit. of lectotype). – Distr.: Spain.

**Ph. scoriana** (GUENÉE, 1845), Anns Soc. ent. Fr., (2)3: 158 (*Sericoris*). T.l.: Germany. – *Sericoris metalliferana* HERRICH-SCHÄFFER, 1851, Syst. Bearb. Schmett. Eur., 4: 223 (1848, *ibid.*, pl. 28, fig. 204, non binom.). T.l.: NW Germany; Switzerland. – KENNEL, 1916: 427 (col.), RAZOWSKI, 1983: 85 (genit.). – Distr.: Europe: Alps, Tatra Mts and Scandinavia.

**Ph. glaciana** (MÖSCHLER, 1860), Wien. Ent. Monatschr., 4: 380, pl. 8, fig. 9 (*Sericoris*). T.l.: N. America: Canada: Labrador (a.t.w.). – Distr.: Russia: NE Siberia (Kulu to Anadyr). Nearctic synonymy not included.

**Ph. delitana** (STAUDINGER, 1880), Horae Soc. ent. Ross., 15: 250 (*Penthina*). T.l.: Ak-Dagh, Caucasus. – *Argyroploce laurentiana* KENNEL, 1919, Mitt. Münch. Ent. Ges., 8: 75, pl. 3, figs 7, 8. T.l. Hadjin. – *Argyroploce flava* KENNEL, 1919, Mitt. Münch. Ent. Ges., 8(1918): 77, fig. 9. T.l.: Usgent. – RAZOWSKI, 1971: 530 (female genit. of type), KUZNETSOV, 1978: 440 (male genit.). – Distr.: S part of E Europe (Crimea, at Ural R.), Caucasus, Transcaucasia; Asia Minor; W. Kazakhstan.



*Ph. hyperboreana* (KARVONEN, 1932), Notulae ent.,**12**: 77, pl. 1, figs 3,4 (*Argyroploce*). T.l.: Norway: n.d. – KUZNETZOV, 1978: 436 (male genit.). – Distr.: Fennoscandia, E. Europe (Hibin to Olonec) to Yenisey R. and NE Siberia.

*Ph. inquietana* (WALKER, 1863), List. Specimens Lepid. Insects Coll Br. Mus.,**28**: 378 (*Paedisca*). T.l.: "Arctic America." – *Argyroploce hepialana* KENNEL, 1900, Dt.ent. Z. Iris.,**13**: 137, pl.5, fig.7. T.l.: Mongolia. – *Phiaris retortimacula* FILIPJEV, 1929, Ann. Mus. zool. Leningr., **30**: 4, fig T.l.: n.d. – KENNEL, 1916: 398 (col., *hepialana*), KUZNETSOV, 1978: 440 (male genit., *inquietana* [sic!]). – Distr.: Northern part (Taimyr to Chukotka and Kamchatka) and mountains (Tarbagatai, Saian, Hamar-Daban, Tunguskye Belki, Mungun-Taiga) of the south of Siberia; Mongolia: Altai. Nea.

*Ph. camillana* (KENNEL, 1919), Mitt. Münch. Ent. Ges.,**8**: 78, pl. 3, fig.10 (*Argyroploce*). T.l.: Russia: Altai. – RAZOWSKI, 1971: 531 (male genit. of type).

*Ph. praeterminana* (CARADJA, 1933), Mitt. Dt. Ent. Ges.,**4**(6): (*Argyroploce*). T.l.: Russia: Transbaikalia: Malchan Mts.

*Ph. kurdistan* AMSEL, 1959, Bull. Soc. ent. Egypte, **43**: 59, pl.9, fig.10. T.l.: Iraq: Haj Omran.

#### *Capricornia* OBRAZTSOV, 1960

(RAZOWSKI, 1989: 148, redescription)

*C. boisduvaliana* (DUPONCHEL, 1836), Hist. nat. Lépid. Papillons Fr.,**9**: 507, pl. 262, fig.8 (*Carpocapsa*). T.l.: Russia. – KENNEL, 1916: 427 (col.), RAZOWSKI, 1983: 87 (genit.). – Distr.: Palaearctic subregion excl. British Is., southern part of E. Europe; Siberia excl. the northern territories, Tuva, Primor'e; China: n.e.d.

#### *Pelatea* GUENÉE, 1845

(RAZOWSKI, 1989: 149, redescription)

*P. klugiana* (FREYER, 1836), Neuere Beitr. Schmett. Kunde,**2**: 144 (*Tortrix*). T.l.: Italy: Trieste. – KENNEL, 1916: 476 (col.), RAZOWSKI, 1989: 149 (genit.). – Distr.: Mountains of C.Europe and Ukraina (Carpathian Mts).

#### Unplaced *Olethreutini*

*Argyroploce aurana* CARADJA, 1939, Dt.ent. Z. Iris,**53**: 31 (*A. siderana* spp.). T.l.: China: East Tien-mu-shan.

*Argyroploce batangensis* CARADJA, 1939, Dt. ent. Z. Iris,**53**: 25. T.l.: Tibet: near Batang.

*Tortrix caryocryptis* MEYRICK, 1932, Exot. Microlepid.,**4**: 342. T.l.: Kashmir: Gulmarg. – CLARKE, 1958: 492 (b/w phot. of type, male genit.). – Distr.: Kashmir.

*Argyroploce euedra* MEYRICK, 1936 [in:] CARADJA & MEYRICK, Dt. ent. Z. Iris,**50**: 156. T.l.: China: Taishan.

*Exartema fasciatana* CLEMENS, 1860, Proc. Acad. nat. Sci. Philad.,**1860**: 357. – KAWABE 1982: 171 (as *Olethreutes*, in list; no exact data from Japan).

*Argyroploce milichopis* MEYRICK, 1931, Exotic Microlepid.,**4**: 132. T.l.: Japan: Hasimoto.

*Argyroploce mixanthes* MEYRICK, 1932, Exotic Microlepid.,**4**: 309. T.l.: Kashmir: Gulmarg.



- Argyroploce plumbiferana* KENNEL, 1916, Zoologica, **21**(54): 419, pl. 17, fig. 38 (col.), T.I.: Armenia: Erevan.
- Argyroploce porpocosma* MEYRICK, 1935 [in] CARADJA & MEYRICK, Mater. Microlepid. Fauna chin. Prov.: 59. T.I.: China: Jiangsu: Nan-ching near Lungtang.
- Argyroploce rhetorica* MEYRICK, 1920, Exot. Microlepid., **2**: 350. T.I.: NW Iran: Enzeli.
- Argyroploce semicircularana* CARADJA, 1939, Dt. ent. Z. Iris, **53**: 12. T.I.: China: Mienshan, Tapaishan. – *Argyroploce tharsyplaca* FLETCHER, 1940, n.nov. for *semicircularana* CARADJA not WALKER; not checked).

## REFERENCES

- BAE Y-S., KOMAI F. 1991. A revision of the Japanese species of the genus *Lobesia* GUENÉE (*Lepidoptera*, *Tortricidae*), with description of a new subgenus. Tyo Ga, **42**(2): 115-141.
- BAIXERAS J., DOMINGUEZ M. 1994. A revision of four species of *Olethreutinae* described from Spain (*Lepidoptera*: *Tortricidae*). Ann. Soc. Entomol. Fr. (N.S.), **30**(3): 345-359.
- BRADLEY J. D., TREMEWAN W. G., SMITH A. 1979. British Tortricoid moths, *Tortricidae*: *Olethreutinae*. The Ray Society, London.
- CLARKE J. F. G. 1958. Catalogue of the type specimens of Microlepidoptera in the British Museum (Natural History) described by Edward MEYRICK. Trustees of the British Museum, London, **3**.
- DIAKONOFF A. 1950. The type specimens of certain Oriental *Eucosmidae* and *Carposinidae* (*Microlepidoptera*) described by Edward MEYRICK together with descriptions of new *Eucosmidae* and *Carposinidae* in the British Museum (Natural History). Bull. Br. Mus. (Nat. Hist.) Entomology, **1**(4): 275 -300, pls 5 - 8.
- DIAKONOFF A. 1956. Notes on the *Olethreutini* and some *Tortricinae* from the Papuan region in the MEYRICK collection, British Museum, with selection of lectotypes (*Lepidoptera*, *Tortricidae*). Zool. Verh. Leiden, no 85, 86 pp, 1 pl.
- DIAKONOFF A. 1959. Further records and descriptions of *Bactra* STEPHENS (*Lepidoptera*, *Tortricidae*) chiefly in Dr. H. G. AMSEL collection. Bijdr. Dierk., **29**: 173 -186, pls 1-18.
- DIAKONOFF A. 1962. Preliminary survey of the Palaearctic species of the subgenus *Bactra* STEPHENS (*Bactra*, *Tortricidae*, *Lepidoptera*). Zool. Verh. Leiden, nr 59, 48 pp, 28 pls.
- DIAKONOFF A. 1964. Further notes and descriptions of the species of *Bactra* STEPHENS (*Lepidoptera*, *Tortricidae*). Ibid., no 70, 81 pp, 61 pls.
- DIAKONOFF A. 1968. Microlepidoptera of the Philippine Islands. U.S. Nat. Hist. Mus. Bull., no 257, V + 484 pp.
- DIAKONOFF A. 1973. The South Asiatic *Olethreutini* (*Lepidoptera*, *Tortricidae*). Zoöl. Monogr. Rijksmus. Nat. Hist. Leiden, no.1, 699 + 1pp.
- FALKOVITSH M. I. 1962. Novye palearkticheskie rody listovortok tribu [New Palaearctic genera of the tribus] *Olethreutini* (*Lepidoptera*, *Tortricidae*). Ènt. Obozr., **41**(1): 190 - 197.
- FALKOVITSH M. I. 1966. Obzr listovertovortok roda *Aterpia* Gn. (*Lepidoptera*, *Tortricidae*) s opisanyem dwukh novykh vidov [A review of the genus *Aterpia* Gn. (*Lepidoptera*, *Tortricidae*) with descriptions of two new species]. Ibid., **45**(4): 865 -873.
- FALKOVITSH M. I. 1970. Novye i maloizvestnye vidy roda endoteniya *Endothenia* Steph. (*Lepidoptera*, *Tortricidae*) fauny SSSR. [New and little known species of the genus *Endothenia* Steph. (*Lepidoptera*, *Tortricidae*) of the fauna of USSR]. Vestn. Zool., **3**: 68 -76.
- FALKOVITSH M. I. 1970. Novye palearkticheskiye vidy roda *Lobesia* Gn. y zametchanya po sinonimike nekotorykh listovrtok [New Palaearctic species of the genus *Lobesia* Gn. and synonymical notes on some leaf-rollers] (*Lepidoptera*, *Tortricidae*). Vestn. Zool., No.5: 62-69.
- ISSIKI S. 1957 [in] ESAKI T. & al. Icones Heterocerorum Japonicerum in coloribus naturalibus. Osaka, **1**.
- KAWABE A. 1968. The micro-moths fauna of Izu Islands (I). Japan Heterocerist's J. No. 50: 535-540.
- KAWABE A. 1982. *Tortricida* [in] INOUE H., SUGI S., KUROKO H., MORIUTI S., KAWABE A. Moths of Japan. Tokyo, **1**, **2**.



- KENNEL J. 1908-1921. Die Palaearktischen Tortriciden. Zoologica. Stuttgart, **21**(54): 1913: 233-397, pls 13-16; 1916: 398-545, pls 17-20; 1921: 546-727, pls 21-24.
- KUZNETZOV V.I. 1987. *Tortricidae (Olethreutidae, Cochylidae)* - listovertki [in] MEDVEDEV G.S., Opredelitel nesekhomykh Evropeiskoy tchasti SSSR [Keys to identification of the insects of European part of URSS], Nauka, Leningrad, **4**: 193-710.
- OKU T. 1968. New or little known species of the subfamily *Olethreutinae* injurious to coniferous trees from Japan (*Lepidoptera: Tortricidae*). Kontyu, **36**(3): 227-236.
- PARK U., PARK K. T. 1988. Korean specis of the genus *Olethreutes* (*Lepidoptera: Tortricidae*). Korean J. Appl. Entomol., **27**(2): 68-80.
- RAZOWSKI J. 1971. The type specimens of the species of some *Tortricidae* (*Lepidoptera*). Acta zool. cracov., **16**(10): 463-542.
- RAZOWSKI J. 1983. Motyle (*Lepidoptera*) Polski. Część VI – *Olethreutinae: Olethreutidii*. Monogr. Fauny Polski, **13**. Państwowe Wydawnictwo Naukowe, Warszawa, Kraków.
- RAZOWSKI J. 1989. The genera of *Tortricidae* (*Lepidoptera*). Part II: Palaearctic *Olethreutinae*. Acta zool. cracov., **32**(7): 107-328.
- TREMATERRA P., HUMER P. 1994. New and interesting records of *Lepidoptera, Tortricida* for the Italian fauna. Redia, **77**: 47-53.



## Index

(generic names of the original combinations are ommite)

- abietana* 306  
*abietiana* 305  
*abjecta* 303  
*abscissana* 297  
*acharis* 302  
*acrosema* 302  
*acutana* 287, 302, 306  
*adustana* 290  
*aemulana* 305  
*aeolopa* 295  
*aethiopiana* 293  
*agana* 294  
*agatha* 310  
*albipalpis* 310  
*albopunctata* 294  
*alexandri* 288  
*algidana* 308  
*Allobrachygonia* 287  
*alphonsiana* 293  
*alternana* 316  
*alticola* 314  
*altissima* 293  
*amaryllana* 296  
*amurensis* 316  
*anaplecta* 304  
*anatoliana* 312  
*andereggana*: 301  
*andereggiana* 296  
*anderreggana* 301  
*angulicostana* 287  
*annetensis* 297  
*antiguana* 292  
*antiquana* 292  
*Apeleptera* 300  
*Apotomis* 289, 306, 308  
*aprobola* 305  
*aquilonanus* 311  
*arbutana* 309  
*arbutellus* 309  
*arcuellus* 310  
*artemisiana* 296  
*Asaphistis* 300  
*asiatica* 316  
*asinana* 302  
*asseclana* 293  
*astrana* 314  
*Aterpia* 300, 301  
*atrata* 291  
*atropunctana* 305  
*attica* 297, 298  
*aurana* 318  
*auricristana* 304  
*aurofasciana* 315  
*austerana* 291  
*avianus* 311  
  
*Bactra* 287  
*bactrana* 287  
*Bactrini* 285, 287  
*banausopsis* 290  
*banosii* 289  
*basipunctana* 308  
*bentleiana* 316  
*bentleyana* 316  
*betuletana* 307  
*bicinctana* 296  
*bicolor* 301  
*bicornutana* 316  
*bidentata* 315  
*biemina* 308  
*bifasciana* 306  
*biliturana* 313  
*bipunctana* 315  
*bira* 292  
*bistrigana* 316  
*boisduvaliana* 318  
*botrana* 295  
*branderiana* 302  
*brevis* 294  
  
*cacuminana* 315  
*camillana* 318  
*cannisana* 287  
*capreana* 307  
*capreolana* 313  
*Capricornia* 318  
*captiosanus* 310  
*carbonana* 291  
*caryocryptis* 318  
*castaneanus* 310  
*Celypha* 305, 312, 313, 315  
*cespitana* 313  
*chalibeia*: 301  
*chalybeia* 301  
  
*charpentierana* 300  
*Chiloides* 288  
*cincinna* 303  
*cinerariae* 297  
*cinerariana* 297  
*circumfluxana* 301  
*clarisecta* 296  
*clausthaliana* 306  
*clydonias* 302  
*coccophaga* 298  
*cognata* 297  
*conchana* 315  
*concretanus* 311  
*confictana* 312  
*confinitana* 297  
*constructa*: 313  
*cornigera* 313  
*corticana* 300, 307  
*corticana*), 307  
*crassiveniana* 304  
*crimea* 296, 314  
*cunninghamiacola* 297  
*cuphostra* 307, 308  
*cuphostra*. 307  
*Cymolomia* 309  
*cyperana* 287  
  
*Dactylioglypha* 299  
*daleana* 316  
*dalecarlianus* 312  
*decrepitana* 306  
*delitana* 317  
*demissana* 307  
*desertana* 290  
*designata* 290, 304  
*diakonoffi* 289  
*dibeliana* 288  
*Didrimys* 295  
*digitalitana* 291  
*dimidiana* 304, 305  
*disertana* 317  
*dissolutana* 315  
*divisa* 302  
*dolosanus* 310  
*dormoyana* 315  
*doubledayana* 314  
*dovreana* 309



- dryopelta* 296  
*Dudua* 305  
*duplicata* 296  
  
*eaolotechna* 302  
*egenana* 288  
*elaborata* 303  
*electanus* 310  
*elichrysana* 297  
*elutana* 306  
*enervana* 306  
*ermolenkoi* 314  
*ernestiana* 317  
*Eubrochoneura* 293  
*eucrossa* 302  
*Eudemis* 293, 296, 297  
*Eudemopsis* 294  
*euedra* 318  
*euphorbiana* 295  
*examinatus* 310  
*exaridanus* 312  
*exilis* 317  
*expeditana* 306  
*extrema* 287  
  
*fasciatana* 318  
*fasciolana* 313  
*fernaldana* 298  
*festa* 287  
*fictana* 297  
*fimbriata* 302  
*flammeana* 309  
*flava* 317  
*flavens* 300  
*flavifascianus* 311  
*flavipalpana* 313  
*flavipunctana* 301  
*flavofasciana* 313  
*flexis* 295  
*fluviana* 317  
*formosana* 309  
*fraterculana* 307  
*fraudentana* 313  
*frigidana* 308  
*fulgidana* 315  
*fuligana* 297, 310  
*fullerea* 290  
*fulvipunctana* 309  
*furfurana* 287  
*furvida* 290  
  
*gangweonensis* 292  
*Gatesclarkeana* 292  
*Gatesclarkeana* 292  
*geminata* 307  
  
*gentiana* 289  
*gentianaeana* 289  
*gentianana* 289  
*geraropa* 289  
*glebifera* 296  
*gordiana* 315  
*gozmanyana* 287  
*gradana* 303  
*gramineana* 313  
*graminivora* 287  
*grevillana* 308  
*grisea* 288  
*griseana* 288  
*gyrotis* 293  
  
*hartigiana* 309  
*hartmanniana* 307  
*haworthana* 316  
*hebesana* 290  
*hedraea* 299  
*Hedya* 303  
*helichrysana* 297  
*helveticana* 315  
*helvinana* 292, 314  
*helychrysana* 297  
*hemiopta* 299  
*hemiplacus* 310  
*hepialana* 318  
*herbana* 314  
*herculeana* 297  
*hercyniana* 305  
*heteroclita* 295  
*heydeniana* 309  
*hibernana* 297  
*Hiroshiinouea* 292  
*Hiroshiinoueana* 292  
*hostilis* 289  
*humeralis* 311  
*hummeli* 314  
*hydrangeana* 314  
*hyperboreana* 318  
  
*idea*: 292  
*idia* 289, 292  
*illepidana* 291  
*indusiana* 297  
*ineptana* 317  
*inexpertana* 290  
*infida* 306  
*informalis* 290  
*ingrata* 291  
*inornata* 304  
*inouei* 305  
*inquietana* 318  
*insignis* 289  
  
*inundana* 307  
*irina* 310  
*irriguana* 316  
*isochora* 293  
*isochroa* 298  
*issikii* 301  
  
*japonicum* 311  
*jinboi* 309  
*jucundana* 307  
  
*kalaivamara* 308  
*kamtshadalu* 312  
*karelica* 301  
*kazarmana* 308  
*kirinana* 313  
*kirishimensis* 294  
*klugiana* 318  
*kononenkoi* 312  
*kostjuki* 290  
*kreithneriana* 296  
*kurdistan* 318  
*kurentsovi* 287  
*kurilensis* 313  
  
*lacteana* 287  
*lacteifacies* 308  
*lactosana* 288  
*lacunana* 314  
*lamana* 287  
*lambergiana* 310  
*lancealana* 288  
*lanceolana* 287, 288  
*lapideana* 291  
*latifasciana* 315  
*laurentiana* 317  
*ledianus* 311  
*legitima* 289  
*lemniscatana* 307  
*leonina* 289  
*leucocteis* 302  
*leucomelana* 307  
*leucopterana* 295  
*lewandowskii* 291  
*lienigiana* 311  
*limata* 290  
*limoniana* 297  
*lineana* 307  
*littoralis* 297  
*lobarzewskii* 316  
*Lobesiodes* 295  
*lobocasis* 313  
*loeligeri* 288  
*longurus* 294  
*Loxoterna* 314, 315



- lucana* 313  
*lucina* 293  
*lucivagana* 313  
*lutosana* 309  
  
*magadanus* 312  
*marginana* 290  
*marginifasciata* 286  
*marmarocyma*: 303  
*marmaropa* 299  
*marrubiana* 290  
*matici* 298  
*maurana* 302  
*mechanodes* 298  
*mediterraneana* 287  
*Megasycia* 298  
*menthivora* 292  
*metactenis* 302  
*metallana* 316  
*metallicana* 316  
*metalliferana* 317  
*metallota* 305  
*Metaschistis* 300  
*Metendothenia* 305  
*Microcorses* 286  
*microtripta* 289  
*mieae* 296  
*milichopis* 318  
*minima* 289  
*mirabilis* 286  
*mirana* 292  
*mixanthes* 318  
*moderata* 317  
*moeschleri* 308  
*moestana* 309  
*mongolica* 288  
*monotona* 307  
*morbidana* 297  
*mori* 311  
*morivorus* 311  
*mosaica* 302  
*mygindana*), 309  
*mygindianus* 309  
  
*Nannobactra* 289  
*nebulana* 293, 316  
*Neolobesia* 298  
*Neopotamia* 301  
*Neostatherotis* 301  
*neptunia* 298  
*nigrescens* 297  
*nigricostana* 291  
*nigricrista* 314  
*nigrovittana* 288  
*nipponica* 301  
  
*noricanus* 309  
*norvegicana* 301  
*notata* 314  
*nubiferana* 303  
  
*obesana* 292  
*oblongana* 290  
*obovatus* 311  
*obraztsovi* 298  
*obsoletana* 316  
*occidentalis* 293  
*occidentis* 295  
*ochracea* 301  
*ochroleucana* 304  
*ochromelana* 305  
*Olethreutes* 296, 310  
*Olethreutini* 292  
*olivana* 316  
*Olthreutina* 293  
*Orthotaenia* 292, 297, 305, 313, 316  
  
*paleana* 315  
*pallidana* 292  
*palustrana* 317  
*Paracelypha* 314  
*pauperculana* 290  
*pauperrima* 288  
*Pelatea* 318  
*penthinana* 309  
*peregrina* 300  
*permixtana* 296  
*perspicuana* 304  
*pfeifferiana* 317  
*phaeopsis* 289  
*Phecastiophora* 298  
*Phiaris* 315, 318  
*phlomidana* 291  
*pictana* 300, 307  
*pinetana* 316  
*Piniphila* 306  
*plagana* 288  
*platycremna* 308  
*plinthograpta* 294  
*poana* 313  
*pomedaxana* 293  
*pompholycias* 294  
*porphyra* 293  
*porpocosma* 319  
*porrectana* 297  
*postremana* 309  
*praeceps* 300  
*praelongana* 308  
*Pristerognatha* 309  
*profundana* 293  
  
*Proschistis* 299  
*pruniana* 303  
*pryeranus* 311  
*pryeri* 298  
*Pseudohedya* 303  
*Pseudohermenias* 305  
*Pseudosciaphila* 302  
*psila* 289  
*Psilacantha* 298  
*ptarmicopa* 305  
*puerilana* 317  
*pullana* 291, 297  
*punctistrigana* 289  
*purpurissatana* 294  
*pyrolana* 312  
*pyrrhocrossa* 300  
  
*quadrimaculana* 292, 301  
*quaggana* 296  
  
*ramiformis* 294  
*rebeliana* 301  
*rectifasciana*: 296  
*reliquana* 295  
*remigera* 291  
*restinctana* 296  
*retortimacula* 318  
*retracta* 303  
*reymana* 291  
*rhetorica* 319  
*Rhodacra* 300  
*Rhodocosmaria* 293  
*rivulana* 315  
*robustana* 288  
*rooana* 314  
*roseana* 298  
*roseomaculanus* 312  
*rosetana* 312  
*rosmarinana* 295  
*Rudisociaria* 306  
*rufana* 288, 312  
*rurestrana* 313  
  
*sajana* 303  
*salicana* 303  
*salicella* 303  
*Saliciphaga* 302  
*sappioproflua* 300  
*sapporensis* 292, 307  
*satoi* 303  
*sauciana* 308  
*scaeaspis* 305  
*schaeffera* 316  
*schiditana* 306  
*schoenerrhana* 316



*schreberiana* 304  
*schulziana* 316  
*scirpana* 287  
*scirpicolana* 288  
*scoriana* 317  
*scriptana* 307  
*scythropa* 289  
*secunda* 305  
*sellana* 290  
*semiassana* 304  
*semicirculana* 319  
*semifasciana* 306  
*semnodryas* 300  
*shicotana* 300  
*sibirana* 317  
*siderana* 314, 318  
*sieversiana* 301  
*simpliciana* 288  
*Sorolopha* 294  
*sororculana* 308  
*sororiana* 291  
*spathanum* 299  
*sphaerocopa* 294  
*spiraeanus* 311  
*spuriana* 301  
*squalidana* 291  
*stagnana* 308  
*stagnicolana* 316  
*Statherotis* 299  
*Statherotmantis* 300  
*Statherotoxys* 299  
*staticeana* 297  
*stellifera* 292  
*stibiana* 317  
*striana* 313  
*subelectana* 314  
*subherculeana* 297  
*subretracta* 303  
*subtilanus* 310  
*sudetana* 316  
*suspensa* 288  
*sylvana* 293  
*symmathetes* 314  
*szmyti* 312

*taigana* 309  
*telaviviana* 288  
*Temnolopha* 302, 305  
*tephreus* 311  
*tetracona* 299  
*tharsyplaca* 319  
*threnodes* 299  
*Tia* 306  
*tiedemanniana* 314  
*tokui* 294, 295

*tonica* 299  
*toteniana* 290  
*towadaensis* 299  
*transversanus* 311  
*trifasciana* 296  
*trifoliana* 291  
*trigonana* 287  
*truculenta* 289  
*tsushimaensis* 304  
*tsutavorus* 310  
*turbidana* 307  
*turfosana* 316

*Ukamenia* 292  
*umbriana* 313  
*umbrosana* 315  
*undulana* 305  
*urticana* 305  
*ustulana* 291

*valesiana* 316  
*vectis* 298  
*velutinus* 311  
*venosana* 289  
*venustana* 297, 315  
*vicinana* 304  
*viduana* 302  
*vigens* 307  
*villosula* 291  
*violana* 291  
*vitisana* 295

*wahlbomiana* 302  
*wellensiana* 293  
*westwoodana* 311  
*woodiana* 314

*yasudai* 295

*zinkeana* 316



# GUIDE TO AUTHORS

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Chapter: OSBORN J. W. 1978. Morphogenetic gradients: fields versus clones. In: P. M. BUTLER and K. A. JOYSEY (Eds.) – Development, function and evolution of teeth. Academic Press, London-New York-San Francisco. Pp: 171-201.

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## CONTENTS

Ryszard SZADZIEWSKI. The oldest fossil <i>Corethrellidae</i> (Diptera) from Lower Cretaceous Lebanese amber . . . . .	177-181
Józef RAZOWSKI. Catalogue of the Species of <i>Tortricidae</i> (Lepidoptera). Part III: Afrotropical <i>Chlidanotinae</i> and <i>Tortricinae</i> : <i>Phricanthini</i> , <i>Cochylini</i> and <i>Tortricini</i> . . . . .	183-193
Waldemar CELARY. <i>Megachile nigriventris</i> SCHENCK, 1868 and its nest parasite <i>Coeioxys lanceolata</i> NYLANDER, 1852 (Hymenoptera, Apoidea, Megachilidae) in Poland . . . . .	195-199
Waldemar CELARY. Redescription of male of <i>Stelis odontopyga</i> NOSKIEWICZ, 1925 (Hymenoptera, Apoidea, Megachilidae) . . . . .	201-203
José Ramón VERDÚ, Eduardo GALANTE. Life history and description of the larval stage of <i>Aphodius lusitanicus</i> ERICHSON, 1848 (Coleoptera: Scarabaeoidea: Aphodiinae) . . . . .	205-212
Michael G. SERGEEV. The general distribution of <i>Orthoptera</i> in the eastern parts of the Saharan-Gobian and Scythian Subregions . . . . .	213-256
Dariusz KOSTIA. The <i>Tetrigidae</i> (Orthoptera) found in North Korea . . . . .	257-265
Valentin A. PRISYAZHNYUK, Ewa STWORZEWICZ. Notes on the genera <i>Carychiopsis</i> SANDBERGER, 1872 and <i>Carychium</i> O.F. MÜLLER, 1774 (Gastropoda Pulmonata: Ellobiidae) from the Neogene of Europe . . . . .	267-270
Józef RAZOWSKI. <i>Proeulia</i> CLARKE, 1962, the Western Neotropical <i>Tortricidae</i> genus (Lepidoptera), with descriptions of five new species and two allied genera . . . . .	271-283
Józef RAZOWSKI. Catalogue of the Species of <i>Tortricidae</i> (Lepidoptera). Part IV: Palaearctic <i>Olethreutinae</i> : <i>Microcorsini</i> , <i>Bactrini</i> , <i>Endotheniini</i> and <i>Olethreutini</i> . . . . .	285-324