

Holotypes and lectotypes of Palaearctic Pentatomoidea in the collection of the Zoological Institute, St.Petersburg (Heteroptera)

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Derzhansky, V.V., Kerzhner, I.M. & Danilovich, L.P. 2002. Holotypes and lectotypes of Palaearctic Pentatomoidea in the collection of the Zoological Institute, St.Petersburg (Heteroptera). *Zoosystematica Rossica*, 10(2), 2001: 361-371.

Nominal species-group taxa of Palaearctic Pentatomoidea, of which holotypes or lectotypes are deposited at the Zoological Institute, St.Petersburg, are listed. For most taxa described by V.E. Jakovlev and A.N. Kiritshenko, information on the sex and labels of specimens is given. Lectotypes of 126 nominal species-group taxa are designated.

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Introduction

The paper contains a list of holotypes and lectotypes (and one neotype) of Palaearctic Pentatomoidea deposited at the Zoological Institute, St.Petersburg (ZIN). Species described by V.E. Jakovlev and A.N. Kiritshenko, of which the name-bearing types are not located or kept in other collections, are included as well. In addition to the listed types, the collection includes paratypes, paralectotypes or syntypes of many other nominal species, mostly received in exchange or as a gift.

All taxa are listed in alphabetic order of their specific, subspecific or varietal names. The names of taxa, for which lectotypes are designated in this paper, are asterisked. Text on Jakovlev's and Kiritshenko's nominal species, types of which are absent from the collection, is placed in brackets. Labels are cited for taxa established by G. Horváth, V.E. Jakovlev, A.N. Kiritshenko, and O.M. Reuter, and for a few species of other authors, for which lectotypes are designated in this paper. An exception is made for species of the genera *Mimula* and *Agatharchus*, for which sufficient data on the labels are given by Gidayatov (1965) and Belousova (1997, 2000), and for species described by Kiritshenko (1963, 1966) with holotype designations; also information on labels of paratypes and paralectotypes is sometimes omitted or given in condensed form. For taxa described by other authors, only the categories of type specimens are usually indicated. Labels (including code labels) are separated from each other by an oblique stroke (/). Type labels added by the authors of this study or other recent revisors are not cited. Printed labels, including those with a small part (e.g., date) handwritten, are not marked, but printed text before or within handwritten text is marked [p]. Handwritten labels or their parts are marked [h], with addition of the following abbreviations if the handwriting is known: B – A. Becker, Bi – V.L. Bianchi, E – E.F. Eversmann, H – G. Horváth, J – V.E. Jakovlev, K – A.N. Kiritshenko, O – V.F. Oshanin, P – V.G. Putshkov, Pp –

Yu.A. Popov, R – O.M. Reuter. An asterisk before the label is used to mark text in Cyrillic characters. Usually, the British bibliographic system of transliteration of Cyrillic is used.

The following abbreviations are used for mode of preparation: gc – glued on card, gt – glued on triangle, mpn – micropinned, pn – pinned. Categories of type specimens are indicated as follows: HT – holotype, LT – lectotype, NT – neotype, PLT – paralectotype, PLTS – paralectotypes, PT – paratype, PTS – paratypes. Other abbreviations: gcl – golden circle (used by Kiritshenko to mark the type specimens); cJ and cK – printed labels in Russian "collection of V. Jakovlev" and "collection of A. Kiritshenko", respectively; BMNH – Natural History Museum, London; MNHN – Muséum National d'Histoire Naturelle, Paris (one lectotype designated here from this collection!); ZIN – Zoological Institute, St.Petersburg.

V.E. Jakovlev described many species of Pentatomoidea. His collection is kept in ZIN, but a few types are missing. Jakovlev widely used code labels (squares, triangles and circles of coloured paper); a list of explanations to them is kept in the Hemiptera Section of ZIN (a copy also in the Coleoptera Section). Specimens from Astrakhan were not labelled at all. All specimens of Jakovlev's collection, after their accession to ZIN, were provided with printed label "cJ" and identification labels written by Oshanin and Kiritshenko and apparently copying identification from Jakovlev's labels in the boxes.

A.N. Kiritshenko's types are in ZIN, except those of a few taxa described from other collections. For specimens collected before 1917, he usually converted the collecting date from the Old to the New Style (from Julian to Gregorian calendar). Here, the date is given as in the original labels.

O.M. Reuter's types in ZIN mainly refer to varietal names. As it is well known, Reuter sometimes omitted his varietal names in the identification labels. In such cases, the authenticity was established by comparison with the original description, including sex and labels of specimens.

The purpose of all lectotype designations made in this paper is to fix a single name-bearing standard for the nominal taxa mentioned.

Family UROSTYLIDIDAE

geniculatus Jakovlev, 1889 (*Urostylis*). HT: ♀, pn, gcl/ *Amur [hJ]/ Christoph [hJ]/ cJ/ *Urostylis geniculatus* Jak. [hO] B. Jakowlew det./ *Urostylis geniculata* Jak. [hK] B. Jakowlew det. Synonym of *U. annulicornis* Scott, 1870.

***musivus** Jakovlev, 1890 (*Urostylis*, sic). LT: ♀, pn, gs/ *Heiho, 21 JI [July] 85 [hJ]/ *U. musivus* [hJ]/ cJ/ *Urostylis musivus* Jak. [hO] B. Jakowlew det./ *Urostylis musiva* Jak. [hK] B. Jakowlew det./ *Urochela musiva* [hK] Kiritshenko det. Currently *Urochela* id.

pallescens Jakovlev, 1890 (*Urostylis*, sic). LT (Kerzhner, 1964: 363): ♂, pn, gcl/ *Heiho, 23 JI [July] 85 [hJ]/ cJ/ *Urostylis pallescens* Jak. [hO] B. Jakowlew det./ *Urostylis pallescens* Jak. [hK] B. Jakowlew det. PLTS: 1 ♀, pn, gcl/ *Heiho, 23 JI 85 [hJ]/ cJ/ *Urostylis pallescens* Jak. [hO] Oshanin det.; 1 ♂, pn, gcl/ *yuzh. sklonj g. Ichzhushan, 16.VII.85 [hJ]/ cJ/ *Urostylis pallescens* Jak. [hO] Oshanin det. Currently *Urochela* id.

trullata Kerzhner, 1966 (*Urostylis*). HT, PTS.

Family ACANTHOSOMATIDAE

amurensis Kerzhner, 1972 (*Elasmucha*). HT, PTS.

angulatum Jakovlev, 1880 (*Acanthosoma*). HT: ♂, pn, gcl/ *Amur [hJ]/ Christoph [hJ]/ *angulatum* [hJ]/ cJ/ *Acanthosoma angulatum* Jak. [hK] B. Jakowlew det. Currently *A. haemorrhoidale angulatum*.

***axillaris** Jakovlev, 1889 (*Acanthosoma*). LT: ♂, pn, gcl/ *Irk. [hJ]/ *axillaris* n. sp. [hJ]/ cJ/ *Acanthosoma axillare* Jak. [hK] B. Jakowlew det. Synonym of *A. spinicolle* Jakovlev, 1880.

chinanum Kiritshenko, 1931 (*Acanthosoma*). HT in BMNH.]

***crassicaudum** Jakovlev, 1880 (*Acanthosoma*). LT: ♂, pn, gcl/ green square/ *Vladv. [hJ]/ *crassicaudum* [hJ]/ cJ/ *Acanthosoma crassicaudum* [hK] B. Jakowlew det. PLT (belongs to *A. forficula* Jak.): ♀, pn, gcl/ *Vladv./ cJ.

***denticaudum** Jakovlev, 1880 (*Acanthosoma*). HT: ♂, pn, gcl/ white square/ 63 [hJ]/ *denticaudum* [hJ]/ cJ/ *Acanthosoma denticauda* Jak. [hK] B. Jakowlew det.

dorsalis Jakovlev, 1876 (*Elasmostethus*). LT (Kerzhner, 1972c: 219): ♂, pn, gcl/ *Ussuri [hJ]/ cJ/ *Elasmostethus dorsalis* Jak. [hK] B. Jakowlew det./ *Elasmucha signoreti* [hK] Kiritshenko det. PLTS: 2 ♂, gc (on one pin), gcl/ *Ussuri [hJ]/ cJ; 1 ♂, gc, gcl/ green square/ *Ussuri/ cJ. Currently *Elasmucha* id.

fieberi Jakovlev, 1865 (*Elasmostethus*). Syntypes not located, possibly lost. Two specimens from Kazan (Eversmann's collection) were possibly examined by Jakovlev when describing this species, but they are not provided with Jakovlev's identification label. Currently *Elasmucha* id.]

forficula Jakovlev, 1880 (*Acanthosoma*). HT: ♂, pn, gcl/ green square/ *forficuloides* [hJ]/ cJ/ *Acanthosoma forficula* [hK] B. Jakowlew det.

***humeralis** Jakovlev, 1883 (*Elasmostethus*). LT: ♂, pn, gcl/ green square/ 83 [hJ]/ *humeralis* [hJ]/ cJ/ *Elasmostethus humeralis* Jak. [hK] B. Jakowlew det. PLT: ♂, pn, gcl/ green square/ cJ.

jakovlevi Kiritshenko, 1911 (*Elasmucha*). HT: ♀, pn/ *Zabaykalsk. obl. [hK]/ Type/ *Elasmucha jakovlevi* n. sp. [hK] A. Kiritshenko det./ cK. Synonym of *E. fieberi* (Jakovlev, 1865).

***korolkovi** Jakovlev, 1904 (*Acanthosoma*). LT: ♂, pn, gcl/ *r. Mudandzyan, 12.VIII.1900, Korolkov [hJ]/ red square/ *fulvicornis* [hJ]; on blue paper/ cJ/ *Acanthosoma korolkovi* Jak. [hO] B. Jakowlew det./ *Acanthosoma korolkovi* [hK] B. Jakowlew det. Synonym of *A. spinicolle* Jakovlev, 1880.

***labiduroides** Jakovlev, 1880 (*Acanthosoma*). LT: ♂, pn, gcl/ green square/ *Vladv. [hJ]/ *labiduroides* [hJ]/ cJ/ *Acanthosoma labiduroides* [hK] B. Jakowlew det. PLT: ♀, pn, gcl/ *Vladv. [hJ]/ cJ. Note: the PLT from "Rad-dowka" [= Radde] not found.

[**rufescens** Jakovlev, 1890 (*Elasmostethus*). HT from "Syao-pu" (Sichuan, China) not located. Currently *Elasmucha* id.]

spinicollis Jakovlev, 1880 (*Acanthosoma*). HT: ♀, pn, gcl/ white square/ *Raddv. [hJ]/ *spinicollis* [hJ]/ cJ/ *Acanthosoma spinicolle* Jak. [hK] B. Jakowlew det.

Family CYDNIDAE

comaroffii Jakovlev, 1879 (*Cydnus*). LT (Kerzhner, 1972a: 362): ♀, gc, gcl/ *Komaroffi*, Derbent [hJ]/ cJ. PLTS: 1 ♀, gc, gcl/ *komaroffii* [hJ]/ cJ/ *Cydnus komarovi* Jak. [hK] B. Jakowlew det.; 1 ♀, pn, gcl/ Derb. [hJ]/ *Comaroff* [hJ]/ cJ. Currently *Byrsinus* id.

***congener** Jakovlev, 1879 (*Schirus*, sic). LT: ♀, pn, gcl/ Derb. *Comar*. [hJ]/ *congener* m. typ. [hJ]/ Type/ cJ/ *Schirus congener* Jak. [hK] B. Jakowlew det. Currently *Adomerus* id.

corniger Kerzhner, 1976 (*Ochetostethus*). HT, PTS.

***discus** Jakovlev, 1906 (*Byrsinus*). LT: ♂, pn, gcl/ Transcaspien, K. Aris/ *Repetek, 25.I.04, Aris [hJ]/ blue square/ *discus* [hJ]/ cJ/ *Byrsinus discus* Jak. [hK] B. Jakowlew det. PLTS: 2 ♂, pn, gcl/ Transcaspien, K. Aris/ *Repetek, 25.I.04, Aris; 1 ♂, pn/ Turkest. ch., Tchira, 2.III.90, Gr. [hJ]/ cJ. Note: the PLT from China (Turkest. ch.) belongs to *Byrsinus penicillatus* Wagner, 1964.

[**henkei** Jakovlev, 1874 (*Pachycnemis*). Syntypes (from Baskunchak Lake) not located. Numerous specimens from Ryn-Peski labelled with gcl in the ZIN collection were reported by Jakovlev after publication of the original description and, hence, do not belong to the type series. Currently *Stibaropus* id.]

hissaricus Asanova, 1964 (*Canthophorus*). HT, PTS.

***hohlbecki** Kiritshenko, 1912 (*Stibaropus*). LT: ♂, pn/ Buchara occ., Farab, 24.III.1911, A. Holbeck/ *Stibaropus hohlbecki* n. sp. [hK] A. Kiritshenko det. PLTS: 44 specimens, same locality and collector, 23-24.III.1911.

infernalis Kiritshenko, 1966 (*Cydnus*). HT, PTS. Synonym of *C. aterrimus* (Forster, 1771).

kiritshenkoi N. Medvedeva, 1972 (*Ochetostethus*). HT, PTS.

laeviceps Kerzhner, 1972 (*Aethus*). HT, PTS. Currently *Byrsinus* id.

longicephalus Lis, 1994 (*Chilocoris*). HT.

mixtus Asanova, 1964 (*Canthophorus*). HT, PTS.

nanus Herrich-Schaeffer, 1834 (*Ochetostethus*). NT (Kerzhner, 1976: 36): ♂, gc/ Cordoba, Hispania, 6.59, Pardo leg./ *Ochetostethus sahlbergi* Wgn. E. Wagner det. 1961/ Neotypus *Ochetostethus nanus* Herrich-Schaeffer, Kerzhner des. 1976.

nigricans Josifov & Kerzhner, 1978 (*Chilocorus*). HT.

***notatus** Jakovlev, 1882 (*Gnathoconus*). LT: ♂, gc, gcl/ Blagow. [hJ]/ Christoph [hJ]/ *notatus* Jak. [hJ]/ cJ/ *Gnathoconus notatus* Jak. [hK] B. Jakowlew det. Currently *Adomerus* id.

***orbicularis** Jakovlev, 1885 (*Amaurocoris*). LT: ♂, pn, gcl/ Ashkhab. [hJ]/ *orbicularis* Jak. [hJ]/ cJ. PLTS: 1 ♂, 3 ♀, pn, gcl/ Ashkhab. [hJ]/ cJ. Currently *Linospa* id.

ovatus Jakovlev, 1877 (*Cydnus*). LT (Kerzhner, 1972a: 360): ♀, mpn (on one pin with PLT), *ovatus* [hJ]/ gcl/ cJ/ *Cydnus ovatus* Jak. [hO] B. Jakowlew det./ *Cydnus pilosulus* Klug [hO] Oshanin det./ *Cydnus ovatus* Jak. [hK] B. Jakowlew det. PLTS (see Kerzhner, 1972a, for details). Synonym of *Byrsinus rugosus* (Jakovlev, 1874).

perpelovi Kerzhner, 1976 (*Ochetostethus*). HT, PTS. **pevtzovi** Jakovlev, 1903 (*Byrsinus*). LT (Putshkov, 1965: 41; Lis, 1999: 193): ♀ [not ♂!], pn, gcl/ *ur. Karasai (khr. Russkiy), V-90, Pevtzov [h]/ *Pevzovi* [hJ]/ Type/ *Byrsinus pevtzovi* Jak. [hK] B. Jakowlew det./ cJ.

rugosus Jakovlev, 1874 (*Cydnus*). LT (Kerzhner, 1972a: 359): ♀, mpn, gcl/ *C. rugosus* Jak., Astrachan [hJ]/ cJ/ *Cydnus rugosus* Jak. [hK] B. Jakowlew det. Currently *Byrsinus* id.

sahlbergi Reuter, 1900 (*Cydnus*). LT (Linnavuori, 1993: 75): ♀, gc/ Corfu/U: Sahlb./ J. Sahlberg-909/ q [h]/ gcl/ *Aethus sahlbergi* Reut. [h] O.M. Reuter det./ *Cotyplus*/ *Lectotyplus* R. Linnavuori, 1989 des. Synonym of *Aethus hispidulus* (Klug, 1845).

***sareptana** Jakovlev, 1875 (*Brachypelta aterrima* var.). LT: ♀, pn, gcl/ 33 [h; on yellow paper]/ *Sarp. [hJ]/ cJ/ *Brachypelta aterrima* Forst. var. *sareptana* Jak. [hK] B. Jakowlew det. Synonym of *Cydnus aterrimus* (Forster, 1771).

secunda Lis, 1991 (*Schioldtella*). HT. Currently *Stibaropis* id.

validus Jakovlev, 1877 (*Gnathoconus*). HT: ♀, gc, golden square/ 334 [h; on pink circle]/ gcl/ *Shaku [hJ]/ *validus* [hJ]/ cJ/ *Gnathoconus validus* Jak. [hK] B. Jakowlew det. Currently *Exosehirus* id.

wagneri Asanova, 1964 (*Canthophorus*). HT, PTS.

Family PLATASPIDAE

***capitatum** Jakovlev, 1880 (*Coptosoma*). LT: ♂, pn, gcl/ *Amur [hJ]/ *Mochul. [hJ]/ cJ/ *Coptosoma capitatum* Jak. [hK] B. Jakowlew det./ *Paralectotyplus Coptosoma biguttula* Motsch. Kerzhner des. 983. PLTS: 2 ♀, as LT; 1 ♂, 2 ♀, gc, gcl/ *Vladiv. [hJ]/ cJ.

***semiflavum** Jakovlev, 1890 (*Coptosoma*). LT: ♀, pn, gcl/ *Sichuan, m. I-tan i Shui-dzhin-pu, 19.VIII.85, Potanin [hO]/ cJ/ *Coptosoma semiflavum* Jak. [hO] B. Jakowlew det. PLT: ♀, as LT, but the last label [hK].

Family SCUTELLERIDAE

angustatus Jakovlev, 1884 (*Odontotarsus*). HT: ♀, pn, gcl/ Taschk. [hJ]/ *angustatus* [hJ]/ *Od. angustatus* Jak. Taschkent [hO]/ *Odontotarsus angustatus* [hK] B. Jakowlew det.

argillacea Jakovlev, 1901 (*Phimodera*). LT (Kerzhner, 1972a: 365, as HT): ♀, pn, gcl/ *oaz. Sachzhou, 8-25.IV.94, Rob. i Kozl. [h]/ *Argillacea* [hJ]/ cJ. PLT: ♀, as LT, but 17.III-3.IV and with additional labels "Type" and "*Phimodera argillacea* Jak. [hO] B. Jakowlew det.". Synonym of *Ph. fumosa* Fieber, 1863.

aridella Jakovlev, 1903 (*Phimodera*). LT (Kerzhner, 1976: 76): ♂, pn, gcl/ Turkestan, Djur-Kul, Sokolow/ Type/ *aridella* [hJ]/ cJ. PLT: ♀, as LT, but with additional label "*Phimodera amblygonia* Fieb. [hO] Oshanin det.". Synonym of *Ph. amblygonia* Fieber, 1863.

armiger Kiritshenko, 1914 (*Odontotarsus*). LT (Göllner-Scheiding, 1990: 338, as HT): pn, gcl/ Buchara mer., Termez, 9.VII.12, Kiritshenko/ Type/ cK. PLTS: 3 ♂, 1 ♀ (see Göllner-Scheiding, 1990, for details).

***batesoni** Jakovlev, 1889 (*Periphyma*). LT: ♀, pn, gcl/ Bateson [hJ]/ *Karkaralinsk – Kazalinsk [hO] cJ/ *Periphyma Batesoni* Jak. [hR] O.M. Reuter det. PLTS: 1 ♀, pn, gcl/ *Kazalinsk – Karkaralinsk [hO] cJ; 1 ♀, pn, gcl/ *Periphyma batesoni* Jal. [hO] B. Jakowlew det./ *mezhdud Kazalin. i Karkaral. [hO] cJ.

bergi Jakovlev, 1905 (*Phimodera*). LT (Kerzhner, 1976: 67): ♀, pn, gcl/ *Balkhash: Min-aral, 27.VIII.03, L. Berg [h]/ *Bergi* n. sp. [hJ]/ Type/ *Phimodera bergi* Jak. [hO] B. Jakowlew det./ cJ.

bianchii Jakovlev, 1903 (*Phimodera*). LT (Kerzhner, 1976: 80): ♂, gt, gcl/ Type/ *d. Lebyazhaya, Petergof. uezda, 22.VI.97, Bianchi/ *bianchii* [hJ]/ cJ/ *Phimodera humeralis* Dalm. var. *bianchii* Jak. [hO] B. Jakowlew det. PLTS: 1 ♂, 1 ♀, pn, gcl/ *d. Lebyazhaya, Petergof. uezda, 4.VIII.[or 29.VI].97, Bianchi/ cJ. Synonym of *Ph. humeralis* (Dalman, 1823).

***binotata** Reuter, 1905 (*Phimodera nodicollis* var.). LT: ♀, pn, *Petr. [hJ]/ *Phimodera nodicollis* Germ. v. *binotata* Reut. [hR] O.M. Reuter det. PLTS: 1 ♀, as LT, but the second label written by Kiritshenko; 2 ♂, pn, only the second label, written by Kiritshenko. Synonym of *Ph. humeralis* (Dalman, 1823). Note: the varietal name, being preoccupied, was replaced with *reuteriana* Kirkaldy, 1909.

borealis Jakovlev, 1903 (*Phimodera*). LT (Kerzhner, 1976: 68): ♂, pn, gcl/ Jakutsk [h]/ *borealis* [hJ]/ cJ/ *Phimodera laevilinea* Stål [hO] Oshanin det. PLT: ♂, pn, gcl/ Jakutsk [h]/ *borealis* [hJ]/ Type/ cJ. Synonym of *Ph. laevilinea* Stål, 1873.

***carbonarium** Jakovlev, 1880 (*Melanodema*). LT: ♀, pn, golden square/ gcl/ *Shaku [hJ]/ *M. carbonarium* [hJ]/ cJ/ *Melanodema carbonarium* Jak. [hO] B. Jakowlew det.

caspius Jakovlev, 1875 (*Irochrotus*). LT (Kerzhner, 1976: 54): ♂, pn, gcl/ pale violet triangle/ Type/ cJ/ *Irochrotus caspius* Jak. [hR] O.M. Reuter det. PLTS: 1 ♀, pn, gcl/ 350 [h; on pink circle]/ cJ/ *Irochrotus caspius* Jak. [hK] O.M. Reuter det.; 1 ♀, pn, gcl/ *Sarp. [hJ]/ cJ/ *Irochrotus caspius* Jak. [hK] O.M. Reuter det./ *Irochrotus caspius* Jak. [hK] B. Jakowlew det.

caucasica Jakovlev, 1879 (*Ceratocephala*). HT: ♀, pn, gcl/ *Echmiadzin, B. [hJ]/ Typus/ cJ/ *Ceratocephala caucasica* Jak. [hO] B. Jakowlew det. Currently *Ceratocephala* id.

caucasica Jakovlev, 1903 (*Phimodera*). LT (Kerzhner, 1976: 80): ♀, pn, gcl/ *Kuryly [h]/ *Balas. [h]/ Type/ *caucasica* [hJ]/ *Balassogloi* [hJ]/ cJ. Synonym of *Ph. humeralis* (Dalman, 1823).

causicus Jakovlev, 1876 (*Irochrotus*). HT (see Jakovlev, 1879: 13; as LT by Kerzhner, 1976: 53): ♂, pn, gcl/ *Kurus [hJ]/ Type/ cJ/ *Irochrotus causicus* Jak. [hO] B. Jakowlew det./ *Irochrotus causicus* Jak. [hK] B. Jakowlew det.

cerathocranoides Popov, 1964 (*Promecocoris*). HT: ♂, gc, *Turkestaniiy khr., Madygen, 3.X.61, J. Popov leg. [hPp]/ *Promecocoris cerathocranoides* J. Popov sp. n. J. Popov det. 1963 [hPp]/ Holotypus.

collina Jakovlev, 1889 (*Phimodera*). LT (Kerzhner, 1976: 68): ♂, pn, gcl/ *Ph. collina* Jak. [hK] B. Jakowlew det. PLTS: 6 ♂, 7 ♀, variously labelled, of them 2 specimens with printed label "*Irkutsk, V. Jakovlev" and two with Jakovlev's handwritten label "*collina*"; most specimens labelled "*Ph. collina* Jak. [hK] B. Jakowlew det.". Synonym of *Ph. flori* Fieber, 1863.

comaroffii Jakovlev, 1879 (*Odontoscelis*). LT (Göllner-Scheiding, 1986: 112): ♀, pn, gcl/ *Drbnd/ cJ. PLT: ♀, gc, gcl/ *Drbnd/ *Odontoscelis komaroffi* Jak. [hK] B.

Jakowlew det./cJ. Synonym of *O. lineola* (Rambur, 1839) (**restored synonymy**). *Note*: Contrary to Kerzhner (1964), Göllner-Scheiding (1986: 113) placed *O. comaroffii* in synonymy with *O. minuta* Jakovlev, 1882, mainly based on wrong assumption that *O. lineola* does not occur in Dagestan. Actually, both *O. lineola* and *O. minuta* occur in Dagestan (particularly in Derbent), *O. lineola* being more common. Göllner-Scheiding also referred to the differences between these two species in the punctuation of the female last tergite, but these differences are not confirmed in our study. As the distinguishing of two species is based on the male genitalia, and the types of *O. comaroffii* are females, the problem cannot be ultimately solved as yet.

***crassa** Kiritshenko, 1938 (*Periphyma*). LT: ♂, pn, *Orubad na Arakse, 22.IV.934, Ter-Minasyan. PLTS: 6 specimens from Orubad and Disar.

crassus Kiritshenko, 1966 (*Odontotarsus*). HT, PTS.

curculionoides Jakovlev, 1877 (*Sphenaspis*). HT: ♀, gc, gcl/ green square/ *Shahr. [hJ]/ 351 [h; on pink circle]/ *Shahrud k yu. v. ot Astrabada, Christoph/ cJ. Currently *Alphocoris* id.

curvipilis Kerzhner, 1976 (*Phimodera*). HT, PTS.

***dalmanni** Reuter, 1904 (*Phimodera humeralis* var.). LT: ♀, gc, *d. Lebyazhyya, Petergof. uezda, 19.VI.97, Bianchi/ *Ph. humeralis* Dalm. v. *Dalmanni* Reut. [hR]. PLTS: 16 specimens, gc or gt, same locality and collector, but different dates, all of them standing under the joint label "*Phimodera humeralis* Dalm. v. *dalmanni* Reut. 17 ex. [hK] O.M. Reuter det."

***dorsalis** Reuter, 1905 (*Phimodera tuberculata* var.). LT: ♂, gc, gcl/ *Phimodera tuberculata* Jak. [hK] O.M. Reuter det. PLT: ♀, pn, labels as in LT. *Note*: Reuter stated that he examined 1 ♂ and 3 ♀ of this variety. In addition to the LT and PLT, there are 1 ♂ and 1 ♀ from Jakovlev's collection fitting the description of this variety, but without Reuter's labels.

distincta Jakovlev, 1880 (*Phimodera*). HT: ♂, pn, gcl/ *Sero. [hJ]/ *distincta* [hJ]/ *Phimodera distincta* Jak. [hR] O.M. Reuter det. Synonym of *Ph. fumosa* Fieber, 1863.

emeljanovi Kerzhner, 1976 (*Phimodera*). HT, PTS.

erruginea Reuter, 1905 (*Phimodera oculata* var.). HT: ♀, pn, *Balas. [hJ]/ *Or. gub. [hJ]/ *Phimodera oculata* Jak. [hK] O.M. Reuter det.

flavus Jakovlev, 1885 (*Odontotarsus*). LT (Göllner-Scheiding, 1990: 365, as HT): ♂, pn, gcl/ A. Teke [hJ]/ *flavus* n. sp. [hJ]/ *Odontotarsus flavus* Jak. [hK] B. Jakowlew det./cJ/ *O. flavus* Jak. [hO] Oshanian det./ *Odon. flavus* Jak. typ [hO] B. Jakowlew det./ Lectotypus [label added by Göllner-Scheiding]. Synonym of *O. robustus* Jakovlev, 1884.

furvus Kiritshenko, 1926 (*Odontotarsus*). LT (Göllner-Scheiding, 1990: 354): ♂, pn, *Ak-Tash, Tashkentsk. u., 23.VII.920, Arkhangelskiy [hK]/ cK. PLTS: 2 ♂, 2 ♀ (see Göllner-Scheiding, 1990, for details). Currently *O. obsoletus furvus*.

***hispidulus** Jakovlev, 1874 (*Odontoscelis*). LT: ♂, pn, gcl/ Bogdo [hJ]/ cJ/ *Odontoscelis hispidulus* Jak. [hK] O.M. Reuter det. PLTS: 1 ♂, as LT; 2 ♂, 2 ♀, pn and mpn, gcl/ cJ/ *Odontoscelis hispidulus* Jak. O.M. Reuter det. (this label is lacking in 1 ♀, handwritten by Reuter in 1 ♀ and by Kiritshenko in 1 ♂ and 1 ♀); 1 ♀, pn, gcl/ *Sarp. [hJ]/ *Odontoscelis hispidulus* Jak. [hK] O.M. Reuter det./ *Odontoscelis hispidulus* Jak. [hK] B. Jakowlew det.

impictus Jakovlev, 1886 (*Odontotarsus*). LT (Göllner-Scheiding, 1990: 347): ♂, pn, gcl/ Taschk. [h]/ *Odonto-*

tarsus impictus Oschn. in litt. [h]/ cJ/ *Odontotarsus impictus* Jak. [hO] B. Jakowlew det. PLTS: 1 ♂, pn, Taschk. [hJ]/ cJ/ *O. impictus* Jak. [hO] B. Jakowlew det.; 1 ♀, pn, Taschk. [hJ]/ *Od. impictus* Jak. Taschkent [hO]/ cJ; 1 ♀, pn, gcl/ light brown triangle [=Margelan]/ *Odontotarsus impictus* Jak. [hK] B. Jakowlew det./ cJ.

***infuscata** Reuter, 1905 (*Phimodera fumosa* var.). LT: ♀, pn, *Balas. [h]/ *Orenb. [h]/ *Phimodera fumosa* Fieb. var. *infuscata* Reut. [hR] O.M. Reuter det. PLTS: 2 ♀, pn, one with a brown square, the other with "R. Pesk." [hJ], both labelled "*Phimodera fumosa* Fieb. var. *infuscata* Reut. [hK] O.M. Reuter det."

insignis Jakovlev, 1908 (*Odontotarsus*). HT: ♀, pn, gcl/ Kaukasus [p], Gagri, 07 [h], A. Kiritshenko/ *insignis* m. [hJ]/ cJ/ *Odontotarsus insignis* Jak. [hO] B. Jakowlew det./ *Odontotarsus insignis* Jak. [hK] B. Jakowlew det. Synonym of *O. purpureolineatus* (Rossi, 1790).

ivanovi Semenov, 1903 (*Phimodera*). HT (see Kerzhner, 1976: 80): ♀, pn, *Kupyansk, 30.VIII.72 [h]/ *galgulina* [hJ]/ cJ. Synonym of *Ph. humeralis* (Dalman, 1823).

jaxartensis Kerzhner, 1976 (*Phimodera*). HT, PTS.

kibortii Jakovlev, 1889 (*Phimodera*). LT (Kerzhner, 1976: 67): ♀, pn, gcl/ yellow square/ *kibortii* [hJ]/ *Kibortii* [hJ]/ *Krasnoyarsk [hO] cJ/ *Phimodera kibortii* Jak. [hO] B. Jakowlew det.

klementorum Kerzhner, 1976 (*Phimodera*). HT, PTS. Synonym of *Ph. nigra* Reuter, 1879.

***koenigi** Jakovlev, 1889 (*Polyphima*, sic!). LT: ♂, pn, gcl/ Trans-Caspi G, Turcmenien, E. König/ Type/ cJ/ *Polyphima koenigi* Jak. [hO] B. Jakowlew det. PLTS: 2 ♀, as LT, but with minute differences in the labels, one of them with additional label "*P. koenigi*" [hJ].

laeviuscula Jakovlev, 1886 (*Eurygaster*). HT (see Jakovlev, 1903: 319): ♂, pn, gcl/ Kultuk [hJ]/ *laeviuscula* [hJ]/ cJ/ *Eurygaster laeviuscula* Jak. [hO] B. Jakowlew det.

***laticollis** Jakovlev, 1885 (*Promecosoma*). LT: ♀, pn, gcl/ *A. Teke [hJ]/ *Promecosoma* [hJ]/ cJ/ *Promecocoris laticollis* Jak. [hK] B. Jakowlew det. Currently *Promecocoris* id.

majusculus Kerzhner, 1976 (*Irochrotus*). HT, PTS.

minuta Jakovlev, 1882 (*Odontoscelis*). HT: ♂, gc, gcl/ *Drbnd/ *minutus* [hJ]/ cJ/ *Odontoscelis minuta* Jak. [hK] B. Jakowlew det./ *Odontoscelis dorsalis* F. ♂ [hR] O.M. Reuter det.

mongolicus Jakovlev, 1902 (*Irochrotus*). LT (Kerzhner, 1976: 53): ♀, pn, gcl/ *g. Baitag-Bogda, 6.VIII.98, Klementz [h]/ Type/ cJ/ *Irochrotus mongolicus* Jak. [hO] B. Jakowlew det./ *Irochrotus mongolicus* [hK] B. Jakowlew det. Synonym of *I. caucasicus* Jakovlev, 1876.

montana Kerzhner, 1976 (*Phimodera*). HT, PTS.

oculata Jakovlev, 1880 (*Phimodera*). HT: ♀, pn, gcl/ *P. oculata* m. Mangyshl. B. K. [hJ]/ *Phimodera oculata* Jak. [hR] O.M. Reuter det.

***pallens** Reuter, 1905 (*Phimodera fumosa* var.). LT: ♀, pn, *Shamkhor [hJ]/ *Phimodera fumosa* Fieb. [hR] O.M. Reuter det.

picturata Jakovlev, 1903 (*Phimodera*). LT (Kerzhner, 1976: 80): ♂, pn, gcl/ Sibir. occ. [p] Kalb [h]/ Type/ *picturata* [hJ]/ cJ/ *Phimodera nodicollis* Burm. [hO] Oshanian det. PLT: ♂, as LT, but without the last label. Synonym of *Ph. humeralis* (Dalman, 1823).

pictus Jakovlev, 1887 (*Promecocoris*). HT: ♀, pn, gcl/ Ashabad [h]/ cJ/ *Promecocoris stshurowskiyi* [hO] B. Jakowlew det. Synonym of *P. stshurowskiyi* (Oshanian, 1870).

***plagigera** Reuter, 1905 (*Phimodera fumosa* var.). LT (in Puton's collection, MNHN): ♂, pn, Astrachan/ Reuter

det. PLT (ZIN): ♂, pn, *Phimodera fumosa* Fieb. var. *plagigera* Reut. [hR] O.M. Reuter det. Note: There are further 2 ♂ and 3 ♀ in ZIN labelled "*Phimodera fumosa* Fieb. var. *plagigera* Reut. [hK] O.M. Reuter det." and fitting the original description, but their locality labels do not agree with those cited by Reuter. As these specimens do not undoubtedly belong to the type series, and the only definitely authentic specimen in ZIN bears no locality label, the LT is designated here from the MNHN collection.

protracta Jakovlev, 1879 (*Phimodera*). HT: ♀, pn, gcl/ *Akhty, 16.4.76/ *protracta* [hJ]. Synonym of *Ph. fumosa* Fieber, 1863.

reuteri Kiritshenko, 1910 (*Phimodera*). HT: ♀, pn, gcl/ *Chyuyskaya step', Kosh-Agach, 8. VII.1907, E.G. Rodd/ Type/ cK/ *Phimodera reuteri* sp. nov. [hK] A. Kiritshenko det.

robustus Jakovlev, 1884 (*Odontotarsus*). LT (Göllner-Scheiding, 1990: 363): ♀, pn, gcl/ Derb. [hJ]/ Comaroff [hJ]/ *robustus* [hJ]/ *Od. robustus* Jak. Derbent [hO]/ *Odontotarsus robustus* Jak. [hO] B. Jakowlew det./ *Odontotarsus robustus* Jak. [hK] B. Jakowlew det. PLT: ♀, pn, gcl/ *Akstf. [h]/ cJ/ *Od. robustus* Jak. Akstafa (Caucasus) [hO].

rubicinosa Reuter, 1905 (*Phimodera nodicollis* var.). HT: ♀, pn, *Petr. [hJ]/ *Phimodera nodicollis* (Germ.) v. *rubricata* [sic] Reut. [hR] O.M. Reuter det. Synonym of *Ph. humeralis* (Dalman, 1823).

rugicollis Jakovlev, 1884 (*Odontotarsus*). HT: ♀, pn, gcl/ *Orb. [hJ]/ *rugicollis* [hJ]/ *Odon. rugicollis* Jak. typ [hO] B. Jakowlew det./ *Odontotarsus rugicollis* Jak. [hK] B. Jakowlew det. Synonym of *O. purpureolineatus* (Rossi, 1790).

scrobiculata Jakovlev, 1877 (*Polyphyma*). HT: ♀, pn, gcl/ green square/ 344 [h; on pink circle]/ *S. Persia, Shahrud [hO]/ cJ/ Type/ *Polyphyma scrobiculata* Jak. [hO] B. Jakowlew det.

semideserta Kerzhner, 1976 (*Phimodera*). HT, PTS.

sibirica Kerzhner, 1976 (*Phimodera*). HT, PTS.

sibiricus Kerzhner, 1976 (*Irochrotus*). HT, PTS.

smolini Kerzhner, 1976 (*Phimodera*). HT, PTS.

tamerlani Kiritshenko, 1914 (*Ellipsocoris*). HT: ♀, pn, prov. Samarkand [p], *Agalyk-pojon, 16.IV.1912 [hK], Dr A.N. Kiritshenko/ Type/ *Ellipsocoris tamerlani* n. sp. [hK] A. Kiritshenko det.

testudo Jakovlev, 1894 (*Phimodera*). LT (Kerzhner, 1976: 61): ♀, pn, gcl/ *Khangai [hJ]/ Type/ Leder! [hJ]/ *testudo* m. [hJ]/ cJ.

tomentosa Germar, 1839 (*Odontoscelis*). LT (Göllner-Scheiding, 1990: 118).

transcaspica Jakovlev, 1889 (*Psacasta*). HT: ♀, pn, gcl/ A. Tekke [hJ]/ *transcaspica* [hJ]/ cJ/ *Psacasta transcaspica* Jak. [hO] B. Jakowlew det./ *Psacasta transcaspica* Jak. [hK] B. Jakowlew det.

tuberculata Jakovlev, 1874 (*Phimodera*). LT (Kerzhner, 1976: 77): ♂, pn, gcl/ Astrachan/ cJ/ *Phimodera tuberculata* Jak. [hO] B. Jakowlew det. PLTS: 1 ♀, pn, gcl/ *Phimodera tuberculata* Jak. [hR] O.M. Reuter det.; 7 ♂, 2 ♀, pn (1 ♂ gc), gcl/ *Phimodera tuberculata* Jak. [hR] O.M. Reuter det.; 1 ♂, 1 ♀, pn, gcl/ Astrachan/ cJ.

turanicus Kerzhner, 1976 (*Irochrotus*). HT, PTS.

zarudnyi V. Putshkov, 1965 (*Odontoscelis*). LT: ♂, pn, gt/ *Gora Dzhideli, 26.V.04, Dubyanskiy [h]/ *O. zarudnyi* sp. n. [hP]. PLTS: 4 ♂, 2 ♀ (see the original description for details).

Family DINIDORIDAE

salerosum Lis, 1992 (*Megymenum*). HT, PT.

Family PENTATOMIDAE

abdominalis Jakovlev, 1885 (*Cellobius*). LT (Kerzhner, 1976: 83): ♀, pn, gcl/ *A. Teke [hJ]/ *Cellobius abdominalis* [hJ]/ cJ/ *Cellobius abdominalis* Jak. [hO] B. Jakowlew det./ *Cellobius abdominalis* Jak. [hK] B. Jakowlew det. PLT: ♀, pn, gcl/ *A. Teke [hJ]/ *Cellobius abdominalis* Jak. [hO] Oshanin det.

acutangulus Linnavuori, 1984 (*Tholagmus*). HT.

adusta Jakovlev, 1877 (*Strachia*). HT: ♀, gc, golden square/ gcl/ 347 [h; on pink circle]/ cJ/ *Eurydema adusta* Jak. [hK]/ *Eurydema adustum* Jak. [hK] B. Jakowlew det. Synonym of *Eurydema putoni* (Jakovlev, 1887).

aeneus Assanova & Kerzhner, 1969 (*Trochiscocoris rotundatus* ssp.). HT, PTS.

agnatus Jakovlev, 1903 (*Sciocoris*). LT: ♀, pn, gcl/ *Ankul, 3-7.X.97, Kinitis [h]/ *egregius* [hJ]/ Type/ cJ/ *Sciocoris agnatus* Jak. [hO] B. Jakowlew det./ *Sciocoris agnatus* Jak. [hK] B. Jakowlew det. PLTS: 1 ♂, 2 ♀, pn, *Ankul, 3-7.X.97, Kinitis [h]/ cJ. Synonym of *S. dilutus* (Jakovlev, 1903).

alatavica Kiritshenko, 1931 (*Mimula*). HT.

albiventris Jakovlev, 1876 (*Strachia festiva* var.). Syntype(s) not found. Synonym of *Eurydema dominulus* (Scopoli, 1763.)

albula Kiritshenko, 1914 (*Desertomenida*). HT: ♂, pn/ Buchara mer., Termez, 21.V.12, Kiritshenko/ cK/ Type/ *Menida albula* n. sp. [hK]/ A. Kiritshenko det.

alpicola Kiritshenko, 1912 (*Phaeocoris*). HT: ♀, pn/ Samarkandsk. obl., Sai-Narvat, 28.VII.09, A. Levedomskii [hK]/ Type/ cK/ *Phaeocoris alpicola* n. sp. [hK] A. Kiritshenko det. Currently *Dymantis ellipticus alpicola*.

altaica Kerzhner, 1972 (*Capnoda*). HT, PTS. Synonym of *C. nigroaenea* (Jakovlev, 1887).

alticola Kiritshenko, 1914 (*Aelia*). LT: ♂, pn/ prov. Samarkand [p], Aman-Kutan, 24.IV.1912 [hK], Dr A.N. Kiritshenko/ cK. PLTS: 2 ♀, as LT.

amoenus Jakovlev, 1876 (*Stromatocoris*). LT: ♀, pn, gcl/ Ussuri [hJ]/ *Menida scotti* Put. [hO] Oshanin det. Preoccupied name, replaced with *Menida scotti* Putton, 1886.

ampliatius Jakovlev, 1887 (*Sternodontus*). LT: ♂, pn, gcl/ Ordubad/ cJ/ *Sternodontus ampliatius* Jak. [hO] cJ/ *Sternodontus ampliatius* Jak. [hK] B. Jakowlew det.

anabasis Becker, 1867 (*Pentatoma*). LT (Ribes & Schmitz, 1992: 136): ♂, gc [originally, pn], 86 [hB]/ 17585 IX, 3 [hBi]/ *Astrakhan, Becker/ 86, *Pent. anabasis* Becker, *Astrakhan, Becker [hBi]. PLTS: 1 ♂, pn, *Astrakhan, Becker/ 195, *Pent. anabasis* Becker, *Astrakhan, Becker [hBi]/ 195 [hB]; 1 ♂, *Astrakhan, Becker/ 266, *Astrakhan, Enotaevsk, Becker [hBi]. Synonym of *Brachynema germarii* (Kolenati, 1846).

anacra Kiritshenko, 1912 (*Mormidella*). HT. Currently *Mimula* id.

angusticeps Jakovlev, 1880 (*Picromerus*). LT: ♂, pn, gcl/ white square/ *Radde [hJ]/ *angusticeps* [hJ]/ cJ/ *Picromerus angusticeps* Jak. [hO] B. Jakowlew det./ *Picromerus angusticeps* [hK] B. Jakowlew det. Synonym of *P. lewisi* Scott, 1874.

annulicornis Jakovlev, 1877 (*Podops*). LT: ♂, pn, gcl/ *Sarp. [hJ]/ cJ/ *Podops annulicornis* Jak. [hO] Oshanin det. PLTS: 1 ♀, pn, gcl/ Sarp. [hJ]/ cJ/ *Podops annulicornis* Jak. [hO] Oshanin det.; 1 ♀, pn, gcl/ *Sarp. [hJ]/ *annulicornis* [hJ]/ cJ/ *Podops annulicornis* Jak. [hO] B. Jakowlew det.

anthracina Jakovlev, 1885 (*Jalla*). LT: ♀, pn/ Hyères [hE]/ *Jalla anthracina* Jakowl. [hJ]/ coll. Eversmann.

- anthracinus** Kiritshenko, 1914 (*Mimulocoris*). LT (Belousova, 1997: 855), PLTS. Currently *Mimula* id.
- armeniacum** Kiritshenko, 1938 (*Trigonosoma*). HT: ♀, gcl/ Nachitshevan, Djagry [h] Maljushenko/ *Trigonosoma* [hK] Kiritshenko det. PTS: 1 ♀, pn/ 1093 [h]/ *Armenia, Erivan, 31.X.31, V. Korinek/ *Trigonosoma* n. sp. [hK] Kiritshenko det.; 1 ♂, pn/ 684 [h]/ *Armenia, Erivan, 30.VI.32, V. Korinek. Currently *Ventocoris* id.
- arnoldii** Belousova, 1997 (*Mimula*). HT, PTS.
- *arnoldii** Kiritshenko, 1952 (*Alloeoegypta*). LT: ♀, pn, gcl/ *ushch. Miemi SO Firyuz, Kopetdag, 6.VIII.1935, Arnoldi. PLT: ♀, pn, gcl/ *Kara-Kala, ushch. Parkhar, Kopetdag, VII.930, Petrishcheva. Synonym of *A. pretiosa* Kiritshenko, 1952.
- *asiatica** Jakovlev, 1885 (*Putonia*). LT: ♂, pn, gcl/ A. Teke [hJ]/ cJ/ *Putonia asiatica* Jak. [hO] B. Jakowlew det./ *Putonia asiatica* Jak. [hK] B. Jakowlew det. PLTS: 1 ♂, pn, gcl/ A. Teke [hJ]/ cJ/ *Putonia asiatica* Jak. [hO] Oshanin det.; 1 ♂, pn, *Kosh-Mizgil [hJ]/ cJ/ *Putonia asiatica* Jak. [hO] Oshanin det.; 14 specimens, pn, *Bugun [hJ] cJ/ *Putonia asiatica* Jak. [hO] Oshanin det.
- aspersa** Jakovlev, 1903 (*Aelia*). HT: ♀, pn, gcl/ *Bugas (Hami), 29.VIII-6.IX.95, Rob. i Kozl. [h]/ *aspersa* [hJ]/ Type/ cJ/ *Aelia aspersa* Jak. [hO] B. Jakowlew det./ *Aelia aspersa* Jak. [hK] B. Jakowlew det. Synonym of *Ae. sibirica* Reuter, 1886.
- *bactriana** Kiritshenko, 1912 (*Nezara*). LT: ♂, pn/ Buchara [p], *Visharvi-Bole [hK], 29.VII.1911, A. Holbeck/ Type/ *Nezara bactriana* n. sp. [hK] A. Kiritshenko det./ cK. Synonym of *Acrosternum breviceps* (Jakovlev, 1890).
- *bagradiformis** Kiritshenko, 1952 (*Eurydema gussakovskii* var.). LT: ♀, pn, *ur. Kvak, 2000 m, 35 km N Stalinab., 12.VII.37, Gussakovskiy/ *Eurydema gussakovskii* Kir. v. *bagradiformis* Kir. [hK] Kiritshenko det. PLTS: many (see the original description for details).
- *baicalensis** Jakovlev, 1894 (*Dolycoris*). LT: ♂, pn, gcl/ Kultuk [hJ]/ cJ/ *Dolycoris baicalensis* Jak. [hK] B. Jakowlew det. PLTS: 2 ♂, 1 ♀, pn, gcl/ Kultuk [hJ]/ cJ; 1 ♂, pn, gcl/ Kultuk [hJ]/ cJ/ *Dolycoris baicalensis* Jak. [hO] B. Jakowlew det. Synonym of *Anthemina varicornis* (Jakovlev, 1874).
- *baranovi** Kiritshenko, 1952 (*Mustha*). LT: ♀, pn, gcl/ *Z. Pamir, kishlak Bedur, 15.VI.38, 4 ch. dnya, na bobakh, A. Saakyan [h]/ *Mustha baranovi* Kir. [hK]/ Kiritshenko det. PLTS: 1 ♂, 2 ♀ from Kondara (Gussakovskij leg.).
- batesoni** Jakovlev, 1889 (*Capnoda*). HT: ♀, pn, gcl/ *Capnoda Batesoni* [sic!] [hJ]/ cJ/ *Capnoda batesoni* Jak. [hK].
- *bella** Kiritshenko, 1913 (*Tshingisella*). LT: ♂, pn/ Buchara [p], Derbent, 27.IV.1912 [hK], D-r A.N. Kiritshenko/ Type/ cK/ *Tshingisella bella* n. sp. [hK] A. Kiritshenko det. PLTS: 7 specimens from Derbent, Amankutan and Agalyk-pojon.
- *bergi** Jakovlev, 1905 (*Carpocoris*). LT: ♂, pn, gcl/ *Z. b. Balkhasha, Min-Aral, 28.VIII.03, Berg [hJ]/ Type/ *Bergi* [hJ]/ cJ/ *Carpocoris bergi* Jak. [hO] B. Jakowlew det./ *Carpocoris bergi* Jak. [hK] B. Jakowlew det. Synonym of *Anthemina pusio* (Kolenati, 1846).
- *binodulus** Jakovlev, 1893 (*Sternodontus*). LT: ♂, pn, *Bogdo [hJ] gcl/ cJ/ *Sternodontus* [sic] *binodulus* Jak. [hO] Oshanin det. PLTS: specimen without abdomen, reglued on card, gcl/ *Bogdo [hJ]/ cJ/ *Sternodontus binodulus* Jak. [hO] Oshanin det./ *Sternodontus similis* Stål [hJ]; 1 ♀, pn, gcl/ *Sarp. [hJ]/ cJ/ *Sternodontus binodulus* Jak. [hO] Oshanin det.; 1 ♂, pn, gcl/ Sarp. [hJ]/ cJ/ *Sternodontus binodulus* Jak. [hO] B. Jakowlew det.; 1 ♀, pn, Orb. [hE]/ gcl/ *Trigonosoma albolineata* [hE]/ *collection of Rybakov/ cJ/ *Sternodontus binodulus* Jak. [hK] B. Jakowlew det.; 2 ♀, pn, Orb. [hE]/ gcl/ *collection of Rybakov/ cJ.
- *brachypterus** Kiritshenko, 1913 (*Hybocoris*). LT: ♂, pn/ Buchara mer. [p], Schirabad, 28.V.1912 [h], A.N. Kiritshenko/ Type/ *Gybocoris* (n. g.) *brachypterus* n. sp. [hK] A. Kiritshenko det. PLT: ♂, as LT. Note: This rare species has been recently collected in Turkmenistan (Baharden; Badhyz) and Tadjikistan (environs of Aivadz, Shaartuz and Garavuti).
- *breviceps** Jakovlev, 1889 (*Nezara*). LT: ♂, pn, gcl/ yellow square/ **Varvara breviceps*/ cJ/ *Nezara breviceps* Jak. [hO] B. Jakowlew det.
- *breviceps** Jakovlev, 1883 (*Tholagmus*). LT: ♂, pn, Taschk. [hJ]/ gcl/ cJ/ *Tholagmus breviceps* Jak. [hO] B. Jakowlew det. PLT: ♀, pn, Taschk. [hJ]/ gcl/ *breviceps* [hJ]/ cJ/ *Tholagmus breviceps* Jak. [hK] B. Jakowlew det. Note: Jakovlev (1883a, 1883b), in the same papers, described *Th. breviceps* from 1 ♂ and 1 ♀ and *Beosus simplex* from 2 ♂. The type locality was given as "Wernoi" [now Almaty, Kazakhstan]. Exactly the same number of specimens of the same sex is represented in Jakovlev's collection, but one specimen of *B. simplex* (the other, lectotype, is labelled "Wernoi") and both specimens of *Th. breviceps* are labelled "Tashkent". It is obvious that these specimens, despite differing label, are the types (contrary to my previous opinion for *Th. breviceps*, published by Linnavuori, 1984). As both species occur in both localities, Tashkent and Almaty, it cannot be ascertained, which type locality is the correct one.
- breviceps** Kiritshenko, 1963 (*Carenoplastus*). HT.
- breviusculus** Jakovlev, 1902 (*Eusarcoris*). LT (Josifov & Kerzhner, 1978: 169): ♀, pn, gcl/ *breviusculus* [hJ]/ *Fuzan, 25.VIII.1900, P. Schmidt [h]/ Type/ cJ/ *Eusarcoris brevisculus* Jak. [hO] B. Jakowlew det./ *Eusarcoris brevisculus* Jak. [hK] B. Jakowlew det. Synonym of *Eysarcoris guttiger* (Thunberg, 1783).
- calva** Jakovlev, 1903 (*Neottiglossa*). HT: ♂, pn, *Irkutsk, V.E. Jakovlev/ gcl/ Type/ *calva* n. sp. [hJ]/ cJ/ *Neottiglossa calva* Jak. [hO] B. Jakowlew det./ *Neottiglossa calva* Jak. [hK] B. Jakowlew det. Synonym of *N. leporina* (Herrich-Schaeffer, 1830).
- capitatus** Jakovlev, 1889 (*Peribalus*). LT (Kerzhner, 1976: 82): ♀, pn, gcl/ D [h]; on yellow square/ *capitatus* Jak. [hJ]/ Kashgaria [hO] cJ/ *Peribalus capitatus* Jak. [hO] B. Jakowlew det./ *Peribalus capitatus* Jak. [hK] B. Jakowlew det. Currently *Holcostethus* id.
- *capitatus** Jakovlev, 1882 (*Sciocoris*). LT: ♂, gc, gcl/ green square/ Persia Chr. [hJ]/ Shahrud, Christoph [hO] cJ/ *capitatus* [hJ]/ *Sciocoris capitatus* Jak. [hO] B. Jakowlew det./ *Sciocoris capitatus* Jak. [hK] B. Jakowlew det. PLT: ♀, gc, gcl/ Persia Chr. [hJ]/ *Shahrud, Persia [hO] cJ/ *Sciocoris capitatus* Jak. [hO] Oshanin det.
- *carinatum** Jakovlev, 1887 (*Trigonosoma*). LT: ♂, pn, gcl/ 5. [h]/ cJ. Preoccupied name, replaced with *Ventocoris tataricus* Kirkaldy, 1909. Note: the species was described from Tashkent.
- *caucasica** Jakovlev, 1873 (*Strachia dominula* var.). LT: ♂, pn, gcl/ *Derb. [hJ]/ cJ. Synonym of *Eurydema fieberi* Fieber, 1836.
- *cephalotes** Jakovlev, 1903 (*Neottiglossa*). LT: ♂, pn, *Fridental' [hJ]/ gcl/ Type/ cJ/ *Neottiglossa cephalotes* Jak. [hO] B. Jakowlew det./ *Neottiglossa cephalotes* Jak. [hK] B. Jakowlew det. Synonym of *N. lineolata* (Mulsant & Rey, 1852).
- chinensis** Kiritshenko, 1947 (*Tmetopis*). HT: ♂, pn, gcl/ China, Pjassetzky, 1876 [hO]/ 84784 [h]/ *Tmetopis* n. g. *chinensis* n. sp. [hK] Kiritshenko det.

- ***christophi** Jakovlev, 1877 (*Gomphocranum*). LT: ♂, pn, green square/ gcl/ Type/ cJ/ *Gomphocranum christophi* Jak. [hK] B. Jakowlew det. PLTS: 2 ♀, as LT, but mpn on one pin and bearing an additional label "330" [h; on pink circle].
- christophi** Jakovlev, 1886 (*Staria*). HT: ♀, pn, gcl/ square with blue pattern/ *Kazikopor. [hJ]/ cJ/ *Staria christophi* Jak. [hO] B. Jakowlew det./ *Staria christophi* Jak. [hK] B. Jakowlew det. Currently *Risibia* id.
- ***christophi** Jakovlev, 1874 (*Strachia decorata* var.). LT: ♂, pn, *Sarp. [hJ]/ cJ. PLT: ♀, as LT. Synonym of *Eurydema ornata* (Linnaeus, 1758).
- ***ciliaris** Jakovlev, 1901 (*Tarisa*). LT: ♀, pn, gcl/ *st. Kaahka, Zakaspiisk. zh. d., 27.VI.96, Anger/ *ciliaris* [hJ]/ cJ/ *Tarisa ciliaris* Jak. [hO] B. Jakowlew det./ *Tarisa ciliaris* Jak. [hK] B. Jakowlew det. PLTS: 2 ♀, gc, gcl/ *st. Kaahka, Zakasp. zh. d., 27.VI.96, Anger.
- ***colorata** Jakovlev, 1882 (*Strachia*). LT: ♀, gc/ green square/ gcl/ *Shahr. [hJ]/ cJ/ *Eurydema coloratum* Jak. [hK] B. Jakowlew det. Synonym of *Eurydema putoni* (Jakovlev, 1877).
- ***compta** Jakovlev, 1903 (*Neottiglossa*). LT: ♀, pn, gcl/ *Simferopol, Krym, 19.VI.1899, A. Bazhenov/ *compta* [hJ]/ *Neottiglossa compta* Jak. [hO] B. Jakowlew det./ *Neottiglossa lineolata* M.R. [hO] Oshanin det./ *Neottiglossa compta* Jak. [hK] B. Jakowlew det. PLTS: 2 ♀, gt, gcl/ *st. Belbek, Sevastop. zh. d., Krym, 12[or 19].V.97, N. Kuznetsov. Synonym of *N. lineolata* (Mulsant & Rey, 1852).
- ***concinna** Horváth, 1936 (*Bagrada*). LT: ♀, pn, gcl/ *Mendzhivan na r. Araks, Zakavz., 4-5.VI.933, Lukyano-vich/ Type/ *Bagrada concinna* Horv. Horváth det. [hH].
- ***confluens** Reuter, 1910 (*Eurydema dominulus* var.). LT: ♀, gc, *prav. ber. Leny u Yarmonsk. perev., 91, Cherskiy/ *Eurydema dominulus* var. *confluens* Reut. [hR] O.M. Reuter det. Preoccupied name, replaced with *E. dominulus* var. *sibiricus* Stichel, 1961. Note: Reuter erroneously cited the locality of var. *confluens* under var. *tsherskii* and vice versa.
- ***confusa** Horváth, 1936 (*Bagrada*). LT: ♀, gc, gcl/ Steni, Euboea, IV.26, Holtz/ Type/ *Bagrada confusa* Horv. Horváth det. [hH].
- confusa** Kerzhner, 1972 (*Homalogonia*). HT, PTS.
- ***congenitus** V. Putshkov, 1965 (*Holcostethus*). LT: ♂, pn/ *Chananab, Ordub. r-n, 10.V.934, Ter-Minasyan. PLTS: 2 ♂, as LT; 1 ♂, pn, *Ordubad na Arakse, 30.IV.934, Ter-Minasyan; 18 specimens, *Tavriz, Persia, 1914 [various dates], Andrievskiy (1 ♀ with additional label "Holcostethus congenitus sp. n. [hP]"); 1 ♂, *Bidezdar, zemlya Lurov, Persia, 27.III.04, Zarusdny.
- ***consobrinus** Kiritshenko, 1952 (*Sciocoris*). LT: ♂, pn, gcl/ *ur. Ruydasht, 3000 m, 40 km Stalinab., 16.VI.939, Gussakovskiy. PLTS: many (see the original description for details).
- ***conspicua** Jakovlev, 1881 (*Strachia*). LT: ♀, pn, gcl/ *Bik-Baula [hJ]/ cJ/ *Strachia conspicua* Jak. [hO] B. Jakowlew det. PLT: ♂, pn, gcl/ *conspicua* [hJ]/ cJ/ *Strachia conspicua* Jak. [hO] B. Jakowlew det. Synonym of *Eurydema wilkinsi* Distant, 1879.
- contestor** Kiritshenko, 1966 (*Sternodontus*). HT, PTS.
- ***contorta** Kiritshenko, 1930 (*Aelia*). LT: ♀, pn, gcl/ *Chegon, Ust'-Urt, pukhlyi solonchak, 24.VI.926, Bura-chek [hK]. PLT: ♀, as LT.
- coralifera** Kiritshenko, 1926 (*Mormidella*). HT: ♀, pn, gcl/ *ushch. Dach-nula, otv. ushch. Kresh-nula, pr. Vardavan-mar, 1-5.VI.10, P. Trubetskoy [hK]. Synonym of *M. paulii* Horváth, 1889.
- ***demissa** Kiritshenko, 1914 (*Aelia*). LT: ♂, pn/ *Alexandrov. khrebet, Syr-Darinskaya obl. [p] per. Chay-Sandyk, 9450', 27.VI.10 [hK], A. Kiritshenko/ cK/ *Aelia demissa* n. sp. [hK] A. Kiritshenko det. PLTS: 1 ♀, as LT, but 17.VI; 1 ♂ and 1 ♀ from pass Makbal. Synonym of *Ae. granum* Jakovlev, 1903.
- ***dentata** Jakovlev, 1877 (*Mustha*). LT: ♂, pn, gcl/ green square/ *Shahrud k yu.v. ot Astrabada, Christoph/ cJ/ *Mustha incana* Stål [hO] Oshanin det. PLTS: 3 ♂, 4 ♀, as LT (1 ♂ with additional label "Shaku [hJ]"). PLTS?: 1 ♂, pn, white square/ gcl/ 22 [h; on pink circle]/ cJ/ *Mustha incana* Stål [hO] Oshanin det.; 1 ♂, 2 ♀, pn, gcl/ *Persia [hJ]/ cJ/ *Mustha incana* Stål [hO] Oshanin det. Synonym of *M. incana* Stål, 1876.
- deserticola** Jakovlev, 1900 (*Menaccarus*). HT: ♀, pn, gcl/ R. Pesk. [hJ]/ *Plustshevskiy* [hJ]/ cJ/ *Menaccarus deserticola* Jak. [hK] B. Jakowlew det.
- ***dilutus** Jakovlev, 1903 (*Sciocoris*). LT: ♀, pn, gcl/ *Bugas, Karatyube, 6-15.IX.95, Rob. i Kozl. [hJ]/ *dilutus* [hJ]/ Type/ cJ/ *Sciocoris dilutus* Jak. [hO] B. Jakowlew det./ *Sciocoris dilutus* Jak. [hK] B. Jakowlew det.
- ***discors** Jakovlev, 1902 (*Arma*). LT: ♀, pn, gcl/ *Khalkha-Gol, 7.VIII.99, Potanin [hJ]/ Type/ cJ. PLTS: 2 ♀, pn, gcl/ *Lukh Sume, 2.VII.99 [hJ]/ cJ/ *Arma discors* Jak. [hK] B. Jakowlew det. Synonym of *A. chinensis* Fallou, 1881.
- ***distincta** Jakovlev, 1879 (*Strachia*). LT: ♀, pn, gcl/ *Echmiadz. [hJ]/ cJ/ *Eurydema distinctum* Jak. [hO] Oshanin det. Synonym of *Eurydema putoni* (Jakovlev, 1877).
- divaricatus** Jakovlev, 1877 (*Menaccarus*). HT: ♀, gc, gcl/ green square/ 341 [h; on pink circle]/ cJ/ *Menaccarus divaricatus* Jak. [hK] B. Jakowlew det.
- dungana** Kiritshenko, 1912 (*Mimulocoris*). LT (Belousova, 1997: 851), PLTS. Currently *Mimula* id.
- dybowski** Jakovlev, 1876 (*Dinorhynchus*). HT: ♂, pn, gcl/ Insula Askold, 43° lat. bor., littus mari Japonensi, 1875, Dr. Dybowski [hJ]/ *Dinorhynchus* [hJ]/ cJ/ *Dinorhynchus dybowski* Jak. *Typ!! [hO] B. Jakowlew det./ *Dinorhynchus dybowski* Jak. [hO] Oshanin det./ *Dinorhynchus dybowski* Jak. [hK] B. Jakowlew det.
- egenus** Jakovlev, 1900 (*Eusarcoris*). LT (Josifov & Kerzhner, 1978: 169): ♀, pn, gcl/ *egenus* n [hJ]/ Type/ *Bugas (Hami), 29.VIII-6.IX.95, Rob. i Kozl. [hJ]/ cJ/ *Eusarcoris egenus* Jak. [hO] B. Jakowlew det./ *Eusarcoris egenus* Jak. [hK] B. Jakowlew det. PLT: ♀, as LT. Synonym of *Eysarcoris ventralis* (Westwood, 1837).
- eremita** Jakovlev, 1903 (*Menaccarus*). HT: ♀, pn, gcl/ *Zakasp. o., Annau, 5.VI.90, Varentsov [hJ]/ *eremita* [hJ]/ Type/ *Pododus eremita* Jak. [hO] B. Jakowlew det./ cJ. Synonym of *M. deserticola* (Jakovlev, 1900).
- ***fedtshenkoi** Kiritshenko, 1952 (*Iskenderia*). LT: ♀, pn, gcl/ *oz. Iskanderkul, dol. r. Khozor-mech, 27-28.936, Kryzhanovskiy [hJ]/ *Iskenderia* [sic] *fedtshenkoi* m. [hK] Kiritshenko det. PLT: ♀, pn, badly damaged/ *r. Khozor-mech, O ber. oz. Iskanderkul, 29.VII.47, Kiritshenko.
- fixeni** Jakovlev, 1882 (*Carenoplustus*). HT: ♀, pn, gcl/ bei Semenovka 6000' jog?, 6.VII.75 [hJ]/ cJ/ *Carenoplustus fixeni* Jak. [hO] B. Jakowlew det./ *Carenoplustus fixeni* Jak. [hK] B. Jakowlew det. Synonym of *C. acutus* (Signoret, 1880).
- flavolineatus** Jakovlev, 1876 (*Cyrtochilus*). HT (see Jakovlev, 1879: 36): ♀, gc [originally, pn], gcl/ Armenia, Ararat [hJ]/ cJ/ *Rhombocoris regularis* H.S. [hO] Oshanin det. Synonym of *Rhombocoris regularis* (Herrich-Schaeffer, 1851).
- ***flavomarginata** Jakovlev, 1880 (*Cnephosa*). LT: ♀, pn, green square/ gcl/ *Shaku [hJ]/ *Cn. flavomarginata* [hJ]/ cJ/ *Cnephosa flavomarginata* Jak. [hO] Oshanin det./

**Ris*. [hK]/ *Cnephosa flavomarginata* Jak. [hK] B. Jakowlew det. PLT: ♀, pn, golden square/ *Shaku [hJ]/ gcl/ cJ/ *Cnephosa flavomarginata* Jak. [hO] Oshani det.

**flavomarginatus* Jakovlev, 1871 (*Oncoma germari* var.). LT and PLTS: the same specimens as LT and PLTS of *Pentatoma anabasis* Becker, 1867. Synonym of *Brachynema germarii* (Kolenati, 1846). *Note*: Jakovlev cited *P. anabasis* as a synonym of his varietal name stating that he examined specimens from Astrakhan and Enotaevsik, one specimen from Sarepta (leg. Becker) and specimen(s) from Mangyshlak. There are 2 specimens from Sarepta from Becker's collection and no specimens from Mangyshlak. On the other hand, the LT and PLTS of *P. anabasis* fit the original description of var. *flavomarginatus*.

frater Popov, 1964 (*Trigonosoma*). HT: ♂, pn/ *okr. Dzhahalabada, s. Syuzak, 8.VI.57, Ju. Popov [hPp]/ Holotypus/ *Trigonosoma (Proselenodera) frater* n. sp. J. Popov, Popov J. det. 962 [hPp]. PT: ♀, as LT, but 22.V and labelled "Allotypus". Currently *Ventocoris* id. *Note*: by a mistake, only 22.V was given as the date of collecting in the original description.

**frigida* Kiritshenko, 1930 (*Aelia*). LT: ♂, pn, gcl/ *r. Borulakh, sist. Adychi, Verkhoyan. o., 4.VI.927, Nikiforov. PLTS: 1 ♂, 5 ♀, as LT (but 2 ♀ collected on 5 and 7 June by Tkachenko); 1 ♀, pn, gcl/ *Khotygnakh, r. Dulgakh, Verkhoyan. o., 16.V.927, Nikiforov.

furvus Jakovlev, 1877 (*Barbiger*). HT. Synonym of *Agatharchus linea* (Klug, 1850).

**fuscus* Jakovlev, 1880 (*Cyrtochilus*). LT: ♂, gc [originally, pn], gcl/ *Shaku/ golden square/ *Shakh-ku (4-10 t. f.) k. yu. ot Astrabada, Christoph/ cJ/ *Rhombocoris fuscus* Jak. [hO] Oshani det. PLTS: 2 ♀, as LT, but pn and one with additional label "*pallidus* [hJ]". Currently *Rhombocoris* id., probably a synonym of *Rh. regularis* (Herrich-Schaeffer, 1851) (see Ribes & Schmitz, 1992).

**gemmata* Kiritshenko, 1922 (*Eurydema formosaf.*). LT: ♂, pn, *Hevron, 1914, Pastukhov/ *Eurydema formosum* Put. var. [hK] Kiritshenko det./ cK. PLTS: many, same data.

gentilis Jakovlev, 1901 (*Cellobius*). LT (Kerzhner, 1976: 84): ♀, pn, gcl/ *Bugas (Hami), 29.VII.-6.IX.95, Rob. i Kozl. [h]/ *gentilis* [hJ]/ cJ/ *Cellobius gentilis* Jak. [hK] B. Jakowlew det. PLT: ♀, as LT, but without the label "*gentilis*". Synonym of *C. abdominalis* Jakovlev, 1885.

gibbosus Jakovlev, 1904 (*Eusarcoris*). LT (Josifov & Kerzhner, 1978: 167, as HT): ♀, pn, gcl/ *S. Korea, bas. Jalu, VI.97, V. Komarov/ *gibbosus* [hJ]; on pink rectangle/ cJ/ *Eusarcoris gibbosus* Jak. [hO] B. Jakowlew det./ *Eusarcoris gibbosus* Jak. [hK] B. Jakowlew det. Currently *Eysarcoris* id.

gobica Kerzhner, 1972 (*Bagrada*). HT, PTS.

granum Jakovlev, 1903 (*Aelia*). HT: ♀, pn, gcl/ *Alai, 9.VI.89, Gr. [h]/ Type/ *granum* [hJ]/ cJ/ *Aelia granum* Jak. [hO] B. Jakowlew det./ *Aelia granum* Jak. [hK] B. Jakowlew det.

**grisea* Jakovlev, 1871 (*Oncoma germari* var.). LT: ♂, pn, cJ. Currently *Brachynema germarii* (Kolenati, 1846). *Note*: The specimen fits the original description. Judging from the absence of a locality label, it was collected in Astrakhan.

grisea Josifov & Kerzhner, 1978 (*Homalagonia*). HT, PT.

**gussakovskii* Kiritshenko, 1952 (*Eurydema*). LT: ♂, pn, gcl/ *ur. Kvak, 2000 m, 35 km N Stalinab., 10.VI.37, Gussakovskiy/ *Eurydema gussakovskii* [hK]/ Kiritshenko det. PLTS: many (see the original description for details).

**halophila* Jakovlev, 1874 (*Trigonosoma*). LT: ♂, pn, cJ. PLTS: 1 ♀ mpn and 1 ♂ and 1 ♀ pn, cJ. Currently *Ventocoris* id. *Note*: The specimens are from Astrakhan;

the LT seems to be the specimen figured in the original description.

**helvinus* Jakovlev, 1885 (*Ochyrotylus*). LT: ♂, pn, gcl/ A. Teke [hJ]/ *O. helvinus* [hJ]/ *Akhala-Teke [hO] cJ/ *Ochyrotylus helvinus* Jak. [hO] B. Jakowlew det.

hemipterus Jakovlev, 1879 (*Trochiscus*). HT: ♂, gc/ 352 [h; on pink circle]/ white square with blue pattern/ *Trochiscus* [hJ]/ cJ/ *Trochiscocoris hemipterus* Jak. [hO] B. Jakowlew det./ *Kazumkent, yu.-z. ot Derbenta, 30.VI.72, Christoph. Currently *Trochiscocoris* id.

herrichii Kolenati, 1846 (*Agatharchus*). LT (Gidayatov, 1975: 589), PLT.

[*hingstoni* Kiritshenko, 1931 (*Pentatoma*). HT in BMNH, PTS in BMNH and ZIN].

hirsutus Belousova, 2000 (*Agatharchus*). HT.

hohlbecki Kiritshenko, 1912 (*Mimulocoris*). LT (Belousova, 1997: 855), PLTS. Currently *Mimula* id.

**ignitus* Kiritshenko, 1922 (*Pseumatocoris*). LT: ♂, pn, gcl/ *Ziaret-Seid-Hasan, Mesopotamia, 1.V.914, Nesterov. PLTS: 2 ♂, 5 ♀, as LT.

**immaculiscutum* Kiritshenko, 1922 (*Brachynema signatum* f.). LT: ♂, pn, *Ashkhabad, Zakasp. o., 96, Anger. PLT: ♂, pn, *zh. d. st. Timur, Ornb. Tashk., 50 v. Turkest., k. VI - n. IX. 1903, Clare.

**intermittens* Jakovlev, 1894 (*Astirocoris*). LT: ♂, pn, gcl/ *Tash-Suat [hJ]/ cJ/ *Astirocoris intermittens* Jak. [hO] Oshani det. PLTS: 1 ♀, pn, gcl/ Tash-Suat [hJ]/ *Astirocoris intermittens* [hJ]/ *Tash-Suat, Chimk. u. [hO] cJ/ *Astirocoris intermittens* Jak. [hO] B. Jakowlew det.; 1 ♀, pn, gcl/ *Azret [hJ]/ *g. Turkestan [hO] cJ/ *Astirocoris intermittens* Jak. [hO] Oshani det. Synonym of *Ventocoris cribrosus* (Horváth, 1899).

kabakovi Belousova, 2000 (*Agatharchus*). HT.

**kirgisisus* Jakovlev, 1905 (*Carpocoris*). LT: ♂, pn, gcl/ *ur. An-kul, 3-7.8.97, Kinitsh/ *kirgisisus* [hJ]/ Type/ cJ/ *Carpocoris kirgisisus* Jak. [hO] B. Jakowlew det./ *Carpocoris kirgisisus* Jak. [hK] B. Jakowlew det. Synonym of *Anthemina pusio* (Kolenati, 1846).

kiritshenkoi Belousova, 1997 (*Mimula*). HT, PTS.

lamellifer Josifov & Kerzhner, 1978 (*Rhacognathus*). HT, PTS. Synonym of *Rh. corniger* Hsiao & Cheng, 1977.

**laticollis* Jakovlev, 1905 (*Carpocoris*). LT: ♂, pn, gcl/ *Ingoda, 5.VII.1898 [hJ]/ pink square/ Type/ *laticollis* [hJ]/ cJ/ *Carpocoris laticollis* Jak. [hO] B. Jakowlew det. Synonym of *Anthemina aliena* (Reuter, 1891).

leucogaster Kiritshenko, 1963 (*Eurydema*). HT, PTS.

limbata Jakovlev, 1904 (*Palomena*). HT: ♀, pn, gcl/ *Dangor Chen, 18.V.1890, Gr.Grzhimailov/ pink rectangle/ *limbatella* [hJ]/ cJ/ *Palomena limbata* Jak. [hO] B. Jakowlew det./ *Palomena limbata* Jak. [hK] B. Jakowlew det.

**longicollis* Jakovlev, 1902 (*Picromerus*). LT: ♀, pn/ green square/ *Vladivostok, IX.76, Christoph/ *fuscoannulatus* [hJ]/ cJ. PLT: ♂, pn, gcl/ green square/ *Vladivostok, IX.76, Christoph/ cJ. Synonym of *P. bidens fuscoannulatus* (Stål, 1858).

maculaalba Kiritshenko, 1952 (*Capnoda*). HT: ♀, gt, gcl/ *ledn. Aral, verkh. r. Tanyamas, 7.VII.06, P.V. Khorev [hK]/ *Tr. Tadz. Bazy AN, Ris. 10/ *Capnoda maculaalba* n. sp. [hK]/ Kiritshenko det.

maculata Jakovlev, 1876 (*Homalagonia*). LT (Kerzhner, 1972b: 295): ♂, pn, gcl/ Ussuri [hJ]/ cJ/ *Homalagonia maculata* Jak. [hO] B. Jakowlew det./ *Homalagonia obtusa* Walk. [hO] Oshani det. PLTS: 4 ♂, 6 ♀ from "Ussuri". Synonym of *H. obtusa* (Walker, 1868).

**manifestus* Kiritshenko, 1952 (*Holcostethus*). LT: ♂, pn, gcl/ *ur. Kvak, 2000 m, 35 km N Stalinab., 10.V.37,

Gussakovskiy/ Type/ *Peribalus manifestus* [hK] Kiritshenko det. PLTS: 20 specimens (see the original description for details).

maureri Jakovlev, 1889 (*Mimula*). LT (Belousova 1997: 853, as HT): ♂, pn, gcl/ Ferghan. [hJ]/ *Mimula* [hJ]/ Fergana/ cJ/ *Mimulocoris mauereri* Jak. B. Jakowlew det. [hJ].

[**melanota** Jakovlev, 1874 (*Brachynema*). Syntypes not located. A female from Jakovlev's collection without identification label fits the original description, but not in all details. Synonym of *B. germarii* (Kolenati, 1846)]

metallica Jakovlev, 1876 (*Neottiglossa*). HT: ♂, pn, gcl/ *Ussuri [hJ]/ *N. n. sp.* [hJ]/ cJ/ *Neottiglossa metallica* Jak. [hK] B. Jakowlew det.

mimula Kiritshenko, 1911 (*Parastaria*). HT: ♀, pn/ Samarkand [p], Mokshevat 3.VIII.09, *A. Levadovskii [hK]/ Type/*Parastaria mimula* n. sp. [hK]/ A. Kiritshenko det. Synonym of *Risibia xanthochila* Horváth, 1888.

mimula V. Putshkov, 1965 (*Agatharchus*). HT.

modestum Jakovlev, 1880 (*Trigonosoma*). LT: ♀, pn, gcl/ green square/ 4. [h]/ cJ/ *Ventocoris modestus* Jak. [hK]. Currently *Ventocoris* id. Note: The type locality is Shahrud, Iran.

montana Kerzhner, 1972 (*Eurydema dominula* ssp.). HT, PTS.

montanus Jakovlev, 1879 (*Barbiger*). LT (Gidaytov, 1975: 589), PLT. Synonym of *Agatharchus herrichii* (Kolenati, 1846).

monticola Horyáth, 1936 (*Bagrada*). LT: ♂, pn/ *Mendzhivan na r. Araks, Zakavz., 4-5.VI.933, Lukyanovich/ *Bagrada monticola* Horv. Horváth det. [hH]. PLTS (all with labels "*Bagrada monticola* Horv. Horváth det." [hH]): 1 ♀, as LT; 1 ♀, *Tadzhirish, yu. skl. Elbursa, Persia, 12-25.VI.927, Siyazov, 1 ♀, *Mesopotamia, Ser-Kale-Pushte, 30.IV-6.V.14, Minoranskaya; fragments, 233/0 [hO]; =Kizyl-Arvat, 17.VI.1899].

musivus Jakovlev, 1876 (*Stromatocoris*). LT: ♀, pn, gcl/ Ussuri [hJ]/ cJ/ *Menida musiva* Jak. [hO] B. Jakowlew det. Currently *Menida* id.

nana V. Putshkov, 1965 (*Mimula*). LT (Belousova, 1997: 845), PLTS.

nigella Jakovlev, 1903 (*Neottiglossa*). LT: ♀, pn, *Yakut. [hJ]/ gcl/ Type/ *nigella* [hJ]/ cJ/ *Neottiglossa nigella* Jak. [hO] B. Jakowlew det./ *Neottiglossa nigella* Jak. [hK] B. Jakowlew det. Synonym of *N. pusilla* (Gmelin, 1790).

nigrita Jakovlev, 1889 (*Mimula*). HT.

nigriventris Jakovlev, 1889 (*Masthletinus*). LT: ♂, pn/ pink square/ gcl/ *Irkutsk, V. Jakovlev/ *Masthletinus nigriventris* Jak. [hO] B. Jakowlew det./ *Masthletinus nigriventris* Jak. [hK] B. Jakowlew det. PLTS: 5 ♂, 3 ♀ from Irkutsk and 1 ♀ from Kultuk. Synonym of *Sciocoris abbreviatus* (Reuter, 1879).

nigroaenea Jakovlev, 1887 (*Capnoda*). HT: ♀, pn, gcl/ Songarei [hE]/ *Capnoda nigroaenea* [hJ]/ cJ/ *Capnoda nigroaenea* Jak. [hO] B. Jakowlew det.

nitidus Kiritshenko, 1914 (*Peribalus*). LT: ♂, pn, Turkestan, Samarkand [p], *Chapan-ata, 15.IV.1912 [h], Dr. A.N. Kiritshenko/ cK. PLTS: 12 specimens (see the original description for details). Currently *Holcostethus* id.

obscura Jakovlev, 1880 (*Staria*). LT: ♀, pn, gcl/ green square/ *Shaku [hJ]/ cJ/ *Staria obscura* Jak. [hO] B. Jakowlew det./ *Staria obscura* Jak. [hK] B. Jakowlew det./ *St. maura* [hJ]. PLT: ♂, pn, gcl/ green square/ *Shaku [hJ]/ cJ/ *Staria obscura* Jak. [hO] Oshanin det. Currently *Risibia* id.

ogivus Jakovlev, 1894 (*Sciocoris*). HT: ♀, pn, gcl/ green square/ *Borzhom [hJ]/ n. sp. [hJ]/ cJ/ *Sciocoris ogivus*

Jak. [hO] B. Jakowlew det./ *Sciocoris ogivus* Jak. [hK] B. Jakowlew det.

ogloblini Kiritshenko, 1926 (*Asaroticus*). HT: ♂, pn, gcl/ *Verkhnedinsk, Zabayk., 18.VII.915, A. Ogloblin [hK].

orientalis Kerzhner, 1981 (*Pitedia juniperina* ssp.). HT, PTS. Currently *Chlorochroa* id.

oshanini Kiritshenko, 1952 (*Carpocoris*). HT: ♂, pn, gcl/ * ledn. Shchurovskogo, Turkestan, Ferg., 3.VIII.912, Tagantsev [h]/ *Carpocoris oshanini* n. sp. [hK] Kiritshenko det. Synonym of *Antheminia eurynota* (Horváth, 1907).

ovatus Jakovlev, 1889 (*Peribalus*). HT: ♀, pn, gcl/ yellow square/ *ovatum* Jak. [hJ]/ cJ/ *Peribalus ovatus* Jak. [hO] B. Jakowlew det./ *Peribalus ovatus* Jak. [hK] B. Jakowlew det. Currently *Holcostethus* id.

pallens Kiritshenko, 1966 (*Bagrada*). HT. Synonym of *B. abeillei* (Puton, 1881).

pallescens Jakovlev, 1902 (*Peribalus*). LT (Kerzhner, 1976: 82): ♀, gcl/ *oaz. Sachzhou, V.94, Rob. i Kozl. [h]/ *pallescens* [hJ]/ cJ/ *Peribalus pallescens* Jak. [hO] B. Jakowlew det./ *Peribalus pallescens* Jak. [hK] B. Jakowlew det. Synonym of *Holcostethus capitatus* (Jakovlev, 1889).

pallescens Jakovlev, 1871 (*Tarisa*). LT: ♀, pn, gcl/ Astrachan/ cJ/ *Tarisa pallescens* Jak. [hK] B. Jakowlew det. PLTS: 2 ♀, pn, gcl/ Astrachan/ cJ.

pallida Kiritshenko, 1914 (*Bagrada kaufmanni* var.). LT: ♀, pn, Buchara mer., Termez, 4.VII.12, Kiritshenko/ *Bagrada v. pallida* Kir. [hK]/ Horváth a. 1935 det. [hK]/ cK. Note: There are many additional specimens fitting the original description or transitional to the typical form, but in the absence of identification labels it is difficult to determine precisely, which of them should be considered PLTS.

pallidus Jakovlev, 1887 (*Oplistocheilus*). LT: ♂, pn/ *Bos-su, 12 Apr. [hJ]/ cJ/ *Oplistocheilus pallidus* Jak. [hO] B. Jakowlew det.

pauperum Kiritshenko, 1922 (*Eurydema putoni* f.). LT: ♂, pn, gcl/ 18.V.04, *Zarudny [h]/ cJ. PLTS: 1 ♂, as LT; 4 ♂, 2 ♀, gcl/ 16.V.04, *Zarudny [h]; 1 ♂, pn, gcl/ 15.V.04, *Zarudny [h]; 1 ♀, pn, gcl/ *S. z. Persia, 914, von Wick.

pavlovskii Kiritshenko, 1952 (*Dalpada*). LT: ♂, pn, gcl/ *u. Kondara, 1100 m, d. Varzoba, Tadzh., 21.VI.38, Gussakovskij/ Type. PLTS: many specimens (see the original description for details). Currently *Sarju* id.

peltata Jakovlev, 1890 (*Rubiconia*). HT: ♀, pn, gcl/ Amdo Litshjapu, Potanin [hJ]/ *Lichzhapu, 20.VI.85, 1 spec. [hJ]/ cJ/ *peltata* [hJ]/ *Rubiconia peltata* Jak. [hO] B. Jakowlew det./ *Rubiconia peltata* Jak. [hK] B. Jakowlew det.

peltatus Jakovlev, 1894 (*Peribalus*). HT: ♀, pn, gcl/ Askhab. [hJ]/ *peltatus* n. sp. [hJ]/ *Peribalus peltatus* Jak. [hO] B. Jakowlew det.; *Peribalus peltatus* Jak. [hK] B. Jakowlew det. Synonym of *Holcostethus capitatus* (Jakovlev, 1889).

persica Horváth, 1936 (*Bagrada*). LT: ♂, pn, gcl/ *Tadzhirish, yu. skl. Elbrusa, Persia, 12-25.VI.927, Siyazov/ Type/ *Bagrada persica* Horv. Horváth det. [hH]. Synonym of *B. abeillei* (Puton, 1881).

persicus Jakovlev, 1880 (*Cyrtocheilus*). LT (Belousova, 2000: 847), PLTS. Currently *Agatharchus* id.

phalerata Jakovlev, 1905 (*Philista*). LT: ♀, pn, gcl/ *Sardym, Shugnan 17.VIII, Kaz. [hJ]/ *Philista phalerata* [hJ]/ pink rectangle/ cJ/ *Philista* Jak. *phalerata* Jak. [hO] B. Jakowlew det./ *Philista phalerata* Jak. [hK] B. Jakowlew det. Currently *Mormidella* id.

- phenax** Kiritshenko, 1925 (*Eurydema pulchrigena* var.). HT: ♂, pn, *Vuadil, 28.V.13 [h]/ Type/ cK.
- ***phillyssum** Kiritshenko, 1916 (*Trigonosoma*). LT: ♂, pn/ *Krim [p], Limenty, 24.VI.15 [hK] A. Kiritshenko/ cK. PLTS: 17 specimens, as LT. Currently *Ventocoris* id.
- placidus** Jakovlev, 1903 (*Sciocoris*). LT (Kerzhner, 1976: 81): ♂, pn, gcl/ *Bura [hJ]/ Type/ *placidus* [hJ]/ cJ/ *Sciocoris placidus* Jak. [hO] B. Jakowlew det./ *Sciocoris placidus* Jak. [hK] B. Jakowlew det.
- poddubnyi** Derzhansky, 1994 (*Sciocoris*). HT, PTS.
- ***poecila** Jakovlev, 1903 (*Menida*). LT: ♀, pn, gcl/ Type/ Kopet dagh, Eyl., 1891/ cJ/ *Menida poecila* Jak. [hO] B. Jakowlew det./ *Menida jakovlevi* L. Sev. [hO] Oshanin det. Junior homonym, replaced with *Desertomenida jakovlevi* (Horváth, 1907).
- potenticus** Belousova, 2000 (*Agatharchus*). HT.
- potanini** Jakovlev, 1890 (*Eusarcocoris*). LT (Josifov & Kerzhner, 1978: 168): ♂, pn, gcl/ *E. Potanini* [hJ]/ *Si-chuan: m. I-tan i Shui-dzhin-pu, 19.VIII.86, Potanin [hJ]/ cJ/ *Eusarcocoris potanini* Jak. [hO] B. Jakowlew det. PLTS: 1 ♂, 1 ♀, pn, gcl/ *Gansu: mezhdu Ven-sian i Tsedzen, 8.IX.85, Potanin [hJ]/ cJ/ *Eusarcocoris potanini* Jak. [hK] B. Jakowlew det. Synonym of *Eysarcocoris guttiger* (Thunberg, 1783).
- ***pretiosa** Kiritshenko, 1952 (*Alloeoegypta*). LT: ♂, pn, gcl/ *u. Kondara, 1100 m, d. Vakhsha, Tadz., 29.V.35, Gussakovskiy/ *Alloeoegypta pretiosa* n. sp. [hK] Kiritshenko det. PLTS: many specimens (see the original description for details).
- ***productum** Jakovlev, 1885 (*Trigonosoma*). LT: ♂, pn, gcl/ A. Teke [hJ]/ 6. [h]/ cJ. Currently *Ventocoris* id.
- ***pseudoaeneus** Jakovlev, 1869 (*Eusarcocoris*). LT: ♂, pn, gcl/ Astrachan/ cJ. PLT: ♀, pn/ *pseudoaeneus*/ cJ/ *Eusarcocoris inconspicuus* H.S. [hO] B. Jakowlew det. Synonym of *E. ventralis* (Westwood, 1837).
- ***pulchrigena** Kiritshenko, 1925 (*Eurydema*). LT: ♂, pn/ *Fergana, s. Isfara, 26.IV.1920, T. E. St./ Type/ *Eurydema calligenum* n. sp. [hK] A. Kiritshenko det. PLTS: 1 ♂, 1 ♀, as LT.
- putoni** Jakovlev, 1876 (*Eusarcocoris*). HT: ♂, pn, gcl/ *Albazin [hJ]/ cJ/ *Carbula putoni* Jak. [hO] B. Jakowlew det./ *Carbula putoni* Jak. [hK] B. Jakowlew det. Currently *Carbula* id.
- ***putoni** Jakovlev, 1877 (*Strachia*). LT: ♀, gc, green square/ *Shahr. [hJ]/ gcl/ cJ. PLTS: 1 ♀, mpn/ green square/ gcl/ *Eurydema putoni* Jak. [hK]/ *Eurydema putoni* Jak. [hK] B. Jakowlew det.; 1 ♀, gc, green square/ 337 [h; on pink circle]/ gcl/ cJ; 1 ♂, 2 ♀, gc, gcl/ cJ. Currently *Eurydema* id.
- ***putoni** Jakovlev, 1877 (*Trigonosoma*). LT: ♂, pn, gcl/ greensquare/ *Putoni* [hJ]/ cJ/ *Ventocoris putoni* Jak. [hK]. PLTS: 1 ♀, gc [originally, pn], gcl/ green square/ cJ; 1 ♂, 1 ♀, pn, gcl/ green square/ cJ; 1 ♂, pn, gcl/ green square/ 3. [h]/ cJ; 1 ♀, pn, gcl/ green square/ 331 [h; on pink circle]/ cJ. Currently *Ventocoris* id.
- ***rubens** Kiritshenko, 1914 (*Ochyrotylus helvinus* var.). LT: ♂, Buchara mer., Termez, 27.VI.12, Kiritshenko/ cK.
- ***rubra** Horváth, 1936 (*Bagrada*). LT: ♀, pn, gcl/ *Changyr u Khatyrchi, s.-z. Bukhara, 7.VI.930, L. Zimin/ Type/ *Bagrada rubra* Horv. Horváth det. [hH].
- [**rubripennis** Jakovlev, 1890 (*Nezara*). The presumed HT was sent in 1985 to P.J.L. Roche and not returned by him. His current location is unknown. Synonym of *Plautia crossota* (Dallas, 1851)].
- ***rubripennis** Kiritshenko, 1914 (*Ochyrotylus helvinus* var.). LT: ♂, Buchara mer., Termez, 9.VII.12, Kiritshenko/ cK. PLTS: 1 ♂, 1 ♀, as LT, but 27.VI.
- ***rubrum** Kiritshenko, 1914 (*Graphosoma consimile* var.). LT: ♂, pn, Prov. Samarkand, Kshut, 13.VII.08, A. Hohlbeck/ cK. PLT: ♂, pn, *Ash-kul, Zaisansk. u., 1.VI.08, Siyazov/ cK.
- salsae** Kerzhner, 1964 (*Tarisa*). LT (Kerzhner, 1972a: 366), PLTS.
- ***satrapes** Oshanin, 1922 (*Actuarius*). LT: ♂, gt, gcl/ *Khunikaka, Kirman, yu.-v. Persia, 16.VIII.98, Zarudny/ *Actuarius satrapes* n. sp. [hO] Oshanin det. PLTS: 2 ♀, as LT, but identification label written by Kiritshenko. Synonym of *Apines insignitus* Bergroth, 1919.
- ***satunini** Jakovlev, 1903 (*Nezara*). LT: ♀, pn, gcl/ Tiflis, 30.VI.1901, K. Satunin [hJ]/ *Satunini* [hJ]/ cJ/ Type/ *Nezara satunini* Jak. [hK] B. Jakowlew det. PLT: ♀, pn, gcl/ Tiflis, VII.1902, K. Satunin [hJ]/ cJ. Synonym of *Acrosternum breviceps* (Jakovlev, 1882).
- ***satunini** Kiritshenko, 1930 (*Aelia*). LT: ♂, pn, Aralych, prov. Erivan, 11.V.1911/ Mus. Caucas., 22-11, K. Satunin. PLTS: 2 ♀ (see the original description for details).
- saundersi** Jakovlev, 1877 (*Barbiger*). LT (Belousova, 2000: 844), PLTS. Synonym of *Agatharchus jalloides* Stål, 1876.
- schmidti** Jakovlev, 1902 (*Eusarcocoris*). LT (Josifov & Kerzhner, 1978: 169): ♀, pn, gcl/ *Fuzan, 25.VIII.1900, P. Schmidt [hJ]/ *Schmidti* [hJ]/ Type/ *Eusarcocoris schmidti* Jak. [hO] B. Jakowlew det./ *Eusarcocoris schmidti* Jak. [hO] B. Jakowlew det. Synonym of *Eysarcocoris ventralis* (Westwood, 1837).
- ***scitulus** Jakovlev, 1877 (*Poecilocoris*). LT: ♂, pn/ green square/ gcl/ *Poecilocoris scitulus* Jak. [hO] B. Jakowlew det./ *Chroantha ornatula* H.S. [hO] Oshanin det./ *Poecilocoris scitulus* Jak. [hK] B. Jakowlew det. Synonym of *Chroantha ornatula* (Herrich-Schaeffer, 1842).
- ***scutellaris** Jakovlev, 1885 (*Eusarcocoris*). LT: ♂, pn, gcl/ A. Teke [hJ]/ B. Jakowlew det./ *Eusarcocoris scutellaris* Jak. [hO] Oshanin det./ *Eusarcocoris scutellaris* Jak. [hK] B. Jakowlew det. PLT: ♀, as LT. Synonym of *Eysarcocoris ventralis* (Westwood, 1837).
- scutellaris** Kiritshenko, 1931 (*Mimula*). HT.
- scutellata** Jakovlev, 1883 (*Strachia*). HT: ♀, pn, gcl/ Culdja [hJ]/ *scutellata* n. sp. [hJ]/ cJ/ *Eurydema scutellatum* Jak. [hO] B. Jakowlew det. Synonym of *Eurydema fieberi* Fieber, 1836.
- semenowi** Jakovlev, 1887 (*Phaeocoris*). HT: ♂, pn, gcl/ Altai [hJ]/ Fl. Bija [hJ]/ Semenoff [hJ]/ *Phaeocoris semenowi* [hJ]/ *dol. r. Bii [hO] cJ/ *Phaeocoris ellipticus* H.S. [hO] B. Jakowlew det./ *Phaeocoris semenovi* Jak. [hK] B. Jakowlew det. Synonym of *Dymantis ellipticus* (Herrich-Schaeffer, 1840).
- seorsa** Jakovlev, 1903 (*Neottiglossa*). HT: ♀, pn, gcl/ *V.G. Durov/ *Sokol'n., 11.IX.1900 [hJ]/ *seorsa* [hJ]/ Type/ cJ/ *Neottiglossa seorsa* Jak. [hK] B. Jakowlew det. Synonym of *N. pusilla* (Gmelin, 1790).
- ***serraticollis** Jakovlev, 1876 (*Acrocoris*). LT: ♂, pn, gcl/ Ussuri [hJ]/ *Acrocoris* [hJ]/ cJ/ *Acrocorisellus serraticollis* Jak. [hO] B. Jakowlew det. PLT: ♀, pn, gcl/ Ussuri [hJ]/ cJ/ *Acrocorisellus serraticollis* Jak. [hO] Oshanin det. Currently *Acrocorisellus* id.
- siazovi** Kiritshenko, 1966 (*Apodiphus*). HT, PTS. Synonym of *A. pallidus* (Hoberlandt, 1959).
- signata** Jakovlev, 1879 (*Brachynema*). LT (Ribes & Schmitz, 1992: 144): ♂, gc [originally, pn], gcl/ cJ/ *Kurguluchay [hJ]/ *Brachynema signatum* Jak. [hO] B. Jakowlew det. PLTS: 1 ♀, pn, gcl/ *Kurguluchay [hJ]/ cJ/ *Brachynema signatum* Jak. [hO] Oshanin det.; 1 ♀,

pn, gcl/ 147 [h; on blue square]/ Br. n. sp. [hJ]/ cJ/ *Brachynema signatum* Jak. [hO] Oshanin det./ *Brachynema signatum* Jak. [hK] Jakowlew det.

**signoreti* Jakovlev, 1885 (*Ochyrotylus*). LT: ♂, pn, gcl/ Jany-Kurghan, Syr-Daria, Novembre 1881 [h]/ *O. signoreti* [hJ]/ *Yany-Kurgan, Syr-Dar. o., XI [hO] cJ/ *Ochyrotylus signoreti* Jak. [hO] B. Jakowlew det. Synonym of *O. helvinus* Jakovlev, 1885.

**solskyi* Jakovlev, 1873 (*Leprosoma*). LT: ♀, pn, gcl/ *Astrachan [hO] cJ/ *Asaroticus solskyi* Jak. [hO] Oshanin det./ *Asaroticus solskyi* Jak. [hK] B. Jakowlew det.

**stolata* Horváth, 1936 (*Bagrada*). LT: ♂, pn/ Sebastopol, Krim 16.5.02, W. Pliginski/ *Bagrada stolata* Horv. Horváth det. [hH].

**subcalcarata* Jakovlev, 1885 (*Jalla*). LT: ♂, pn, gcl/ Songaria [hE]/ *J. subcalcarata* Jakowl. [hJ]/ coll. Eversmann.

tamaninii Kerzhner, 1972 (*Anthemina eurynota* ssp.). HT, PTS. Synonym of *A. eurynota remota* (Horváth, 1907).

transparens Jakovlev, 1900 (*Menaccarus*). HT: ♀, gc, gcl/ *st. Bakharden – Merv, Zakasp. zh. d., 18.VIII.96, Angel/ *transparens* [hJ]/ cJ/ *Pododus transparens* Jak. [hO] B. Jakowlew det./ *Menaccarus transparens* Jak. [hK] B. Jakowlew det. Synonym of *M. deserticola* (Jakovlev, 1900).

[*trigonus* Kiritshenko, 1931 (*Eusarcoris*). HT in BMNH. Currently *Eysarcoris* id.]

**tsherskii* Reuter, 1910 (*Eurydema gebleri* var.). LT: ♂, gc, *mezhduleno y Aldanom, Yakut. o., 91, Cherskiy/ *Eurydema sexpunctata* var. *Tsherskii* Reut. [hR] O.M. Reuter det. Note: see *confluens*.

tuberculatum Jakovlev, 1874 (*Leprosoma*). HT: ♂, gt, gcl/ *Bogdo [hJ]/ cJ/ *Leprosoma tuberculatum* Jak. [hO] B. Jakowlew det./ *Leprosoma tuberculatum* Jak. [hK] B. Jakowlew det.

turanicum Horváth, 1889 (*Brachynema*). LT (Ribes & Schmitz, 1992: 144): ♂, gc [originally, pn], Akdagh, 9000' [h]/ *Brachynema turanicum* Horv. n. sp. [hH]. Synonym of *B. signatum* Jakovlev, 1879.

**turkestanicum* Zolotov, 1928 (*Leprosoma*). LT: ♂, pn, gcl/ *st. Karaul-Bazar, s. Bukhara, 13.IV.927, Zolotov. PLTS: 2 ♂, 1 ♀, pn, gcl/ *st. Ziaddin, s. Bukhara, 29.V.927, Zolotov. Synonym of *L. turkestanicum* Jakovlev, 1874.

turkmenicus Belousova, 2000 (*Agatharchus*). HT. *umarovi* Muminov, 1975 (*Agatharchus*). HT.

**umbrosum* Jakovlev, 1882 (*Trigonosoma*). LT: ♂, pn, gcl/ Aps. [h]/ blue square/ *umbrosum* [hJ]/ *Apsheon, Christoph [hJ]/ 2. [h]/ cJ/ *Trigonosoma umbrosum* Jak. [hO] B. Jakowlew det./ *Trigonosoma fischeri* H.S. [hO] Oshanin det. Synonym of *Ventocoris fischeri* (Herrich-Schaeffer, 1851).

ussurensis Jakovlev, 1876 (*Dybowskyia*). HT: ♀, pn, gcl/ Ussuri [hJ]/ *Dybowskyia ussurensis* Jak. (Dyb.) [hJ]/ cJ/ *Dybowskyia reticulata* Dall. [hO] Oshanin det./ *Dybowskyia ussurensis* Jak. [hK] B. Jakowlew det. Synonym of *D. reticulata* (Dallas, 1851).

**varicornis* Jakovlev, 1874 (*Mormidea*). LT: ♀, pn, gcl/ *Bogdo [hJ]/ n. sp./ *varicornis* [hJ]/ cJ/ *Dolycoris varicornis* Jak. [hK] B. Jakowlew det. Currently *Anthemina* id. *vicina* Kiritshenko, 1931 (*Mimula*). LT (Belousova, 1997: 854), PLT.

**zarudnyi* Kiritshenko, 1922 (*Eurydema putoni* f.). LT: ♀, pn, gcl/ 13-14.IV.04, *Zarudny [h]/ cJ/ *Eurydema colorata* Jak.? [hK] B. Jakowlew det. PLTS: 1 ♀, pn, gcl/ 25-26.IV.04, *Zarudny [h]/ cJ; 1 ♀, pn, gcl/ *Pers., 12.IV.04, *Zarudny [h]/ coll. A. Semenov-Tian-Shansky. *zarudnyi* Oshanin, 1922 (*Solenocoris*). HT.

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Received 15 June 2001