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Catalogue of the Heteroptera
of
the Palaearctic Region

edited by

Berend Aukema & Christian Rieger

Volume 5

Pentatomomorpha II

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Aukema, B. & Chr. Rieger (editors)

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PENTATOMOMORPHA II

STENOCEPHALIDAE - W.R. DOLLING

RHOPALIDAE - W.R. DOLLING

ALYDIDAE - W.R. DOLLING

COREIDAE - W.R. DOLLING

UROSTYLIDIDAE - D.A. RIDER

THAUMASTELLIDAE - J.A. LIS

PARASTRACHIIDAE - J.A. LIS

CYDNIDAE - J.A. LIS

THYREOCORIDAE - J.A. LIS

PLATASPIDAE - J. DAVIDOVÁ-VILÍMOVÁ

ACANTHOSOMATIDAE - U. GÖLLNER-SCHEIDING

TESSARATOMIDAE - D.A. RIDER

SCUTELLERIDAE - U. GÖLLNER- SCHEIDING

DINIDORIDAE - J.A. LIS

PENTATOMIDAE - D.A. RIDER

This volume is dedicated to the memory of the late Dr. N.M. Andersen, naturalist, colleague and co-author

Nils Otto Møller Andersen was born 21 november 1940 near Saxkøbing on Lolland in the southeastern part of Denmark. Already as a boy he was interested in natural history, and this hobby was later shared with his schoolmate, Annemarie Børsen Pedersen, whom he later married. After serving his military duties he began to study biology at the University of Copenhagen in 1963. He was a very ambitious and productive young man, and when he graduated from the Zoological Museum in Copenhagen in 1970, on a study of wing polymorphism in two northern temperate water strider species, he already had a considerable publication record on systematics, morphology, ecology and faunistics of semiaquatic bugs (Gerromorpha). Soon after he was appointed as assistant professor, and later as associate professor at the Zoological Museum. Andersen became very interested in historical biogeography and ecological phylogenetics of Gerromorpha, both from a palaeontological and a neontological viewpoint, and received a doctoral degree in 1982 on his book “The Semiaquatic Bugs (Hemiptera, Gerromorpha). Phylogeny, Adaptations, Biogeography and Classification”. This book was partly responsible for the dramatically increased interest for using water striders and their allies in studies of ecology, behaviour and evolution, which has resulted in numerous publications on the subject ever since. With the revolution in computer science Andersen became a pioneer in using computer based phylogenetic reconstructions of studying gerromorphan relationships, and with the upcoming DNA sequencing technology, he also became familiar with analyzing this kind of data. Andersen continued to describe more than 200 extant and fossil species of semiaquatic bugs, a large part of which resulted from his close collaboration with Tom Weir at the Australian National Insect Collection in Canberra. The studies resulted in numerous publications, and are largely summarized in their joint monography “Australian Water Bugs. Their Biology and Identification”, which was published shortly before his highly unexpected death on May 12, 2004. Up til his untimely death, he was working on a world catalogue of Gerromorpha, which will be published posthumous.

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PREFACE

The fifth volume of the Catalogue of Palaearctic Heteroptera (Pentatomomorpha II) contains the following families: Stenocephalidae, Rhopalidae, Alydidae, Urostylididae, Thaumastellidae, Parastrachiidae, Cydnidae, Thyreocoridae, Plataspidae, Acanthosomatidae, Tessaratomidae, Scutelleridae, Dinidoridae and Pentatomidae. The included families are represented by altogether 2133 species and 43 subspecies of 465 genera (table 1).

Numbers of Palaearctic Heteroptera			
	Genera	Species	Subspecies
Stenocephalidae	1	18	-
Rhopalidae	14	69	6
Alydidae	26	69	-
Coreidae	84	306	5
Urostylididae	8	131	-
Thaumastellidae	1	1	-
Parastrachiidae	1	2	-
Cydnidae	37	167	2
Thyreocoridae	1	4	-
Plataspidae	10	104	2
Acanthosomatidae	9	107	4
Tessaratomidae	12	30	-
Scutelleridae	38	158	5
Dinidoridae	4	19	-
Pentatomidae	219	841	19
Incertae sedis		107	
Totals	465	2133	43

Table 1. Numbers of Palaearctic Heteroptera listed in volume 5.

The following new names and synonymies are included. Stenocephalidae: *Dicranocephalus medius* (Mulsant & Rey) = *Cimex gonymelas* Donovan. Rhopalidae: *Leptocoris amictus* Germar = *Leptocoris amicta rubra* Göllner-Scheiding. Alydidae: *Marcius* Stål = *Rhodoclia* Distant; Alydinae Amyot & Serville = Daclerini Ahmad, Abbas, Shadab & Khan. Coreidae: *Centrocoris spiniger* (Fabricius) = *Cimex branderi* Linnaeus; *Coreus marginatus marginatus* (Linnaeus) = *Copium serratum* Thunberg; *Gonocerus acuteangulatus* (Goeze) = *Cimex ictericus* Villers = *Syromastes cinnameus* Millet de Turtaudière; *Plinactus* Stål = *Metacletus* Matsumura; *Plinactus basalis* (Westwood) = *Metacletus bivittatus* Matsumura; *Plinactus imitator* (Reuter) = *Plinactus falcatus* Distant; *Anacanthocoris* Uhler = *Muzafferiana* Ahmad & Perveen. Pentatomidae: *Eysarcoris* Hahn = *Gobisa* Gorski.

New combinations. Alydidae: *Melanacanthus marginatus* (Hsiao) = *Mirperus marginatus* Hsiao; *Nariscus fisheri* (Distant) = *Akbaratus fisheri* Distant. Coreidae: *Plinactus imitator* (Reuter) = *Gonocerus imitator* Reuter; *Prismatocerus borealis* (Distant) = *Homoeocerus borealis* Distant; *Prismatocerus inornatus* (Stål) = *Homoeocerus inornatus* Stål; *Prismatocerus kiritshenkoi* (Bergevin) = *Homoeocerus kiritshenkoi* Bergevin; *Derepteryx*

yunnana (Ren) = *Pterygomia yunnana* Ren; *Tongorma latreillii* (Guérin-Ménéville) = *Phyllomorpha latreillii* Guérin-Ménéville.

Type species are designated for the following taxa. Coreidae: *Agonotomus* Signoret: *Gonocerus amyoti* Montrouzier; *Tliponius* Stål: *Homoeocerus puncticornis* Burmeister; *Pephricus* Amyot & Serville; *Cimex paradoxus* Sparrmann. Pentatomidae: *Cimex perlatus* Fabricius (= *Cimex aeneus* Scopoli).

The arrangement of the catalogue is explained on pages ix-xi of volume one. To facilitate the use of the catalogue abbreviations of depositories of type material (page viii-ix), distributional abbreviations (page x) and the subdivisions of Russia and China (page xi, maps 1-2) are repeated in each volume.

Special thanks are due to L.Y. Zheng and co-workers, Tianjin, P.R. China, who compiled detailed information about the Chinese species included.

The editors keep a computerised database of the Catalogue of Palaearctic Heteroptera. Comments and additional information are welcome at the editorial address:

Catalogue of Palaearctic Heteroptera
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Plant Protection Service
P.O. Box 9102
NL-6700 HC Wageningen
Email: b.aukema@freeler.nl

Abbreviations of depositories

AMNH	American Museum of Natural History, New York, N.Y., U.S.A.
BMNH	Museum of Natural History, London, Great Britain
BPBM	Bernice P. Bishop Museum, Honolulu, Hawaii, U.S.A.
CASC	California Academy of Sciences, San Francisco, California, U.S.A.
CNCI	Canadian National Collection of Insects, Ottawa, Canada
CNHP	Natural History Museum, Beijing, P.R. China
CUMZ	Museum of Zoology, Cambridge University, Cambridge, Great Britain
DEIC	Deutsches Entomologisches Institut, Eberswalde, Germany
EAMF	École d'Agriculture, Montpellier, France
EIHU	Entomological Institute, Hokkaido University, Sapporo, Japan
EMAU	Ernst Moritz Arndt Universität, Greifswald, Germany
EUIT	Ege University, Izmir, Turkey
GFBI	Gymnasium der Franziskaner, Bozen, Italy
HMUG	Hunterian Museum, University of Glasgow, Glasgow, Great Britain
HNHM	Hungarian Natural History Museum, Budapest, Hungary
HUES	Hokkaido University of Education, Biological Laboratory, Sapporo, Japan
IECA	Institute of Entomology, Czech Academy of Sciences, České Budějovice, Czech Republic
IEGG	Istituto di Entomologia "Guido Grandi", Bologna, Italy
IMBS	Instituto Municipal de Ciencias Naturales, Barcelona, Spain
IMTU	Inner Mongolian Teachers' University, Department of Biology, Huhehot, Inner Mongolia, P.R. China
INER	Istituto Nazionale di Entomologia, Rome, Italy
ISNB	Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium
ISUI	Iowa State University Insect Collection, Ames, Iowa, U.S.A.
ISZP	Institute of Systematic Zoology, Polish Academy of Sciences, Krakow, Poland
IZAS	Institute of Zoology, Academia Sinica, Beijing, P.R. China
IZBE	Institute of Zoology and Botany, Tartu, Estonia
KUEC	Kyushu University, Entomological Collection, Fukuoka, Japan
KUKC	Kyungpook University, Taegu, South Korea
KUPC	Charles University, Department of Systematic Zoology, Prague, Czech Republic
LNMD	Landesmuseum für Naturkunde, Münster, Germany
LSUK	Linnean Society, London, Great Britain
LUWC	Landbouwwuniversiteit, Department of Entomology, Wageningen, The Netherlands
LZLP	Museu Bocage, Laboratório Zoológico, Faculdade de Ciências, Lisboa, Portugal
MACN	Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina
MCNV	Museo Civico di Storia Naturale, Venice, Italy
MCSN	Museo Civico di Storia Naturale "Giacomo Doria", Genoa, Italy
MCRI	Museo Civico, Rovereto, Italy
MCZC	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, U.S.A.
MCZR	Museo Civico di Zoologia, Roma, Italy
MGAB	Muzeul de Istoria Naturala "Grigore Antipa", Bucharest, Romania
MGFT	Museum G. Frey, Tutzing, Germany
MHNG	Muséum d'Histoire Naturelle, Geneva, Switzerland
MHNL	Musée Guimet d'Histoire Naturelle, Lyon, France
MIZT	Museo Istituto di Zoologia, Università di Torino, Torino, Italy
MLUH	Martin Luther Universität, Halle, Germany
MMBC	Moravian Museum, Brno, Czech Republic
MNHN	Muséum National d'Histoire Naturelle, Paris, France
MNMS	Museo Nacional de Ciencias Naturales, Madrid, Spain
MRAC	Musée Royal de l'Afrique Centrale, Tervuren, Belgium
MRSN	Museo Regionale di Scienze Naturali, Torino, Italy
MSIE	Shanghai Institute of Entomology, Shanghai, P.R. China

MSNM	Museo Civico di Storia Naturale, Milan, Italy
MSNT	Museo Civico di Storia Naturale, Trieste, Italy
MSNV	Museo Civico di Storia Naturale, Verona, Italy
MVMA	Museum of Victoria, Abbotsford, Australia
MWNH	Museum Wiesbaden, Naturwissenschaftliche Sammlung, Wiesbaden, Germany
MZBS	Museo de Zoologia, Barcelona, Spain
MZHF	Zoological Museum, University of Helsinki, Finland
MZLS	Musée Zoologique, Lausanne, Switzerland
MZLU	Museum of Zoology, Lund University, Lund, Sweden
NCHU	National Chung Hsing University, Taichung, Taiwan
NHMB	Naturhistorisches Museum, Basel, Switzerland
NHMW	Naturhistorisches Museum Wien, Austria
NHRS	Naturhistoriska Riksmuseet, Stockholm, Sweden
NKUM	Nankai University, Department of Biology, Tianjin, P.R. China
NMBA	Naturhistorisches Museum der Benediktiner Abtei, Admont, Austria
NMID	National Museum of Ireland, Dublin, Ireland
NMPC	National Museum of Natural History, Department of Entomology, Prague, Czech Republic
NMWC	National Museum of Wales, Cardiff, Wales
NSMT	National Science Museum (Natural History), Tokyo, Japan
NTUC	National Taiwan University, Taipei, Taiwan
NWAU	Northwestern Agricultural University, Department of Plant Protection, Yangling, Shaanxi, P.R. China
NZSI	National Zoological Survey of India, Calcutta
OLML	Oberösterreichisches Landesmuseum, Linz, Austria
OMNH	Osaka Museum of Natural History, Osaka, Japan
OXUM	Oxford University Museum, Hope Entomological Collections, Oxford, Great Britain
PMAG	Perth Museum and Art Gallery, Perth, Great Britain
PMJG	Phyletisches Museum, Jena, Germany
PMNH	Peabody Museum, New Haven, Connecticut, U.S.A.
RMNH	Nationaal Natuurhistorisch Museum, Leiden, The Netherlands
SEMC	Snow Entomological Museum, University of Kansas, Lawrence, Kansas, U.S.A.
SMFD	Forschungsinstitut und Naturmuseum Senckenberg, Frankfurt am Main, Germany
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany
SNMB	Staatliches Naturhistorisches Museum, Braunschweig, Germany
SNMC	Slovenské Národné Muzeum, Bratislava, Slovakia
TMNH	Tianjin Museum of Natural History, Tianjin, P.R. China
UASK	Institute of Zoology, Ukrainian Academy of Sciences, Kiev, Ukraine
UCCU	University of Kharkov, Kharkov, Ukraine
UOCP	University of Opole, Department of Biosystematics, Opole, Poland
USNM	United States National Museum of Natural History, Washington, D.C., U.S.A.
UWCP	University of Wrocław, Department of Entomology, Wrocław, Poland
UZIÜ	Universitets Zoologiska Institut, Uppsala, Sweden
UZMT	Zoological Museum, University of Turku, Finland
ZISB	Zoological Institute of the Bulgarian Academy of Sciences, Sofia, Bulgaria
ZIUN	Istituto di Zoologia, Università di Napoli, Napoli, Italy
ZIUP	Istituto di Zoologia, Università di Napoli, Portici, Italy
ZMAN	Zoologisch Museum, University of Amsterdam, Amsterdam, The Netherlands
ZMAS	Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia
ZMHB	Zoologisches Museum, Humboldt Universität, Berlin, Germany
ZMPA	Zoological Institute, Polish Academy of Sciences, Warszawa, Poland
ZMUC	Zoological Museum, University of Copenhagen, Copenhagen, Denmark
ZMUH	Zoologisches Museum, Universität Hamburg, Germany
ZMUL	Zoological Museum, Lvov University, Lvov, Ukraine
ZMUM	Zoological Museum, University of Moscow, Moscow, Russia
ZSMC	Zoologische Staatssammlung, München, Germany

Distributional abbreviations

AS: Asia; EL: extralimital; EU: Europe; NA: North Africa

AB	Azerbaijan	KU	Kuwait
AE	Arab Emirates	LA	Latvia
AF	Afghanistan	LB	Libya
AG	Algeria	LE	Lebanon
AK	Kazakhstan, Asian part	LS	Liechtenstein
AL	Albania	LT	Lithuania
AN	Andorra	LU	Luxembourg
AR	Armenia	MA	Malta
AT	Turkey, Asian part	MC	Macedonia
AU	Austria	MD	Moldavia
AZ	Azores	MG	Mongolia
BA	Bahrain	MO	Morocco (Spanish possessions incl.)
BE	Belgium	MR	Madeira
BH	Bosnia Hercegovina	NE	CH, Northeastern Territory
BU	Bulgaria	NL	The Netherlands
BY	Byelorussia	NO	CH, Northern Territory
CE	CH, Central Territory	NR	Norway
CH	China	NT	RU, North European Territory
CI	Canary Isles	NW	CH, Northwestern Territory
CR	Croatia	OM	Oman
CT	RU, Central European Territory	PL	Poland
CY	Cyprus	PO	Portugal
CZ	Czech Republic	QA	Quatar
DE	Denmark	RO	Romania
EG	Egypt	RU	Russia
EK	Kazakhstan, European part	SA	Saudi Arabia
EN	Estonia	SE	CH, Southeastern Territory (Macao and Hong Kong incl.)
ES	RU, East Siberia	SI	EG, Sinai
ET	Turkey, European part	SK	Slovakia
FA	Faeroe Isles	SL	Slovenia
FE	RU, Far East	SP	Spain (Gibraltar incl.)
FI	Finland	ST	RU, South European Territory
FR	France (Corsica and Monaco incl.)	SV	Sweden
GB	Great Britain (Channel Isles incl.)	SW	CH, Southwestern Territory
GE	Germany	SY	Syria
GG	Georgia	SZ	Switzerland
GR	Greece (Crete included)	TA	Taiwan
HU	Hungary	TD	Tadzhikistan
IC	Iceland	TM	Turkmenistan
IN	Iran	TU	Tunisia
IQ	Iraq	UK	Ukraine
IR	Ireland	UZ	Uzbekistan
IS	Israel	WP	CH, Western Plateau
IT	Italy (Sardinia, Sicily and San Marino incl.)	WS	RU, West Siberia
JA	Japan (Bonin Isles and Ryukyu Isles incl.)	YE	Yemen (Socotra included)
JO	Jordan	YU	Yugoslavia (Serbia, Montenegro)
KI	Kirgizia		
KO	Korea (North and South)		

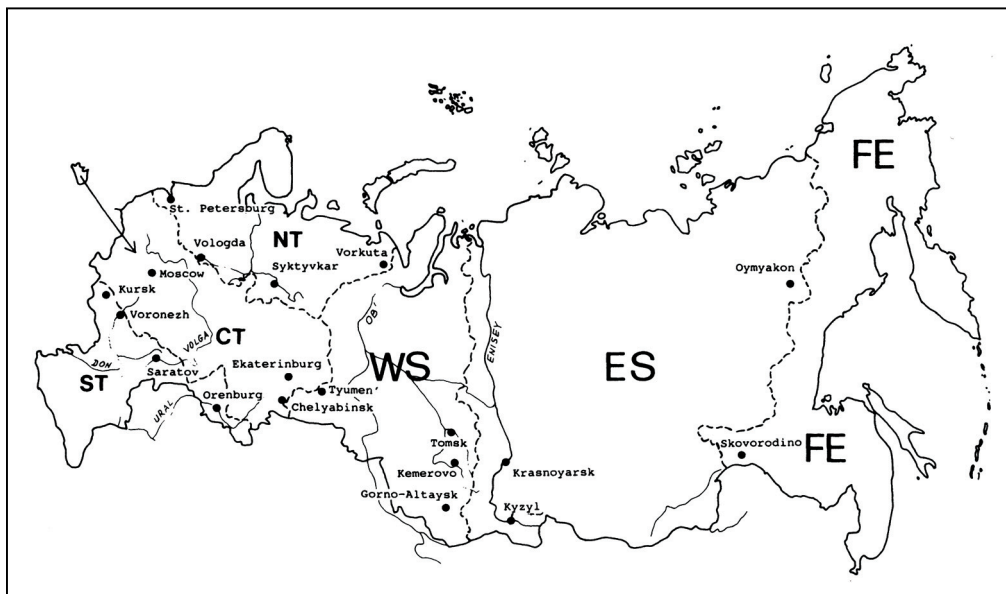


Fig. 1. Subdivision of Russia (abbreviations on page x).

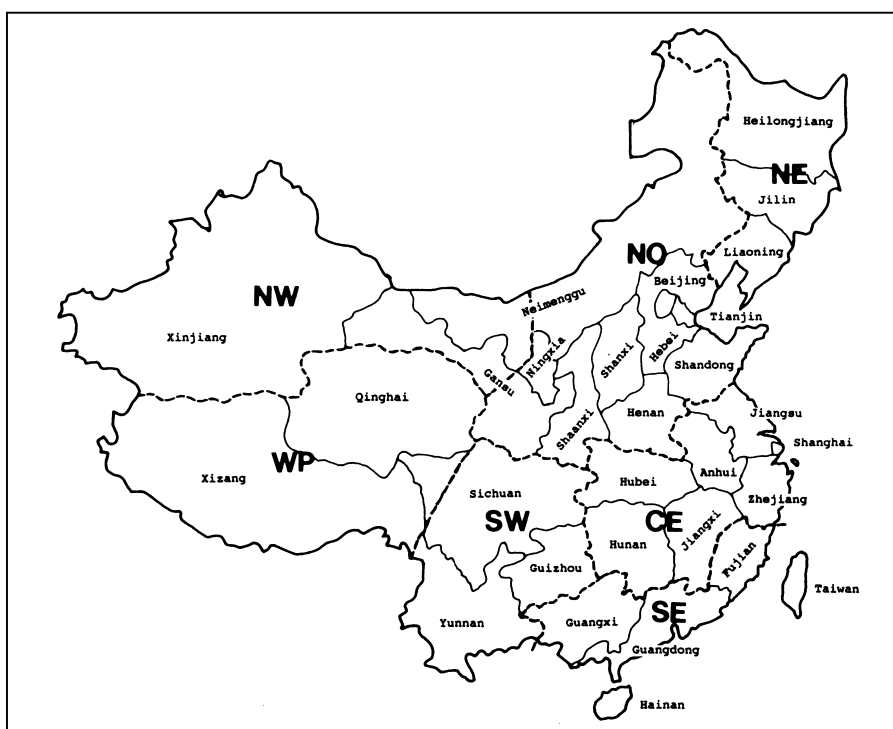


Fig. 2. Subdivision of China (abbreviations on page x).

LITERATURE

Since the publication of volume 4 of this catalogue, a number of important works appeared.

Taxonomy and faunistics

Lists of collections and type specimens

Carapezza (1999) catalogued the Heteroptera of the Museum of Terrasini (Palermo, Italy) and Katbeh et al. (2000) those of the Museum of the University of Jordan, Amman. Heiss (2001) designated lectotypes of European Aradidae in MNHN. Types of Palaearctic Pentatomidae in the collection of the Zoological Institute, St Petersburg were listed by Derzhansky et al. (2002). Types of Coreoidea and Pentatomoidea described by A.F. Kolenati were listed by Kerzhner (2003b). Maldas & Pluot-Sigwalt (2004) listed types of African Asopinae in MNHN. Type specimens of Palaearctic Pentatomomorpha described by E. Wagner were listed by Aukema & Kerzhner (2005).

Fauna of regions

Western Palaearctic - Derzhansky & Péricart (2005) published the first volume of a monograph of Pentatomoidea.

Fauna of countries (only major contributions are listed)

Azores - A checklist was published by Ribes & Borges (2005).

Belgium - Baugnée et al. (2003) published a checklist.

Canary Isles - Báez et al. (2004) published a checklist.

China - Bu & Zheng (2001) published a monograph of Lasiochilidae, Lyctocoridae and Anthocoridae and Zheng et al. (2004) a monograph of Miridae.

Estonia - Coulianos (2004) published an annotated checklist.

Germany - A checklist was published by Hoffmann & Melber (2003) and a monograph of Microphysidae and Miridae by Wachmann et al. (2004).

Jordan - Carapezza (2002) published eight new species and 133 new records.

Luxembourg - Distribution maps of non-aquatic species were published by Reichling (2001).

The Netherlands - The first two volumes of an annotated distribution atlas were published by Aukema et al. (2002: Dispsocoromorpha, Nepomorpha, Gerromorpha and Leptopodomorpha) and Aukema & Hermes (2006: Cimicomorpha except Miridae). Aukema et al. (2005) published a checklist.

Poland - An annotated list of Coreoidea was published by Stroiński (2001).

Romania - Kis (2001) published a monograph of Coreoidea and Pyrrhocoroidea and Stănescu (2001) an annotated catalogue of Miridae.

Slovenia - A. Gogala published annotated checklists of Dipsocoromorpha, Nepomorpha, Gerromorpha and Leptopodomorpha (2003) and Cimicomorpha except Miridae (2004).

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Superfamily COREOIDEA Leach, 1815

W.R. Dolling

All members of this superfamily are phytophagous; meristematic tissues and ripening seeds are favoured feeding sites for many species, leading sometimes to severe damage to the plant body and substantial reduction in viable seed production. Occasional records of feeding on excrement and carrion suggest that dietary supplements are sometimes needed. Classification at family-group level is currently under debate. Conservative classifications place the families treated here in an enlarged Coreoidea including also Pyrrhocoroidea and Lygaeoidea (Štys, 1961, 1967). It is unlikely that Alydidae and Coreidae as constituted at present will be regarded as natural groups for much longer.

Extralimital family: Hyocephalidae Bergroth, 1906 (Australia) (ref.: Štys, 1964a; Schaefer, 1981).

World catalogue: Lethierry & Severin, 1894; Bergroth, 1913a. Regional monographs: V.G. Putshkov, 1962 (Ukraine); Moulet, 1995a (Europe, North Africa); Hsiao et al., 1977 (China). Classification: Kumar, 1965a; Schaefer, 1964, 1965; X.Z. Li, 1996a. Foodplants: Schaefer & Mitchell, 1983.

Family STENOCEPHALIDAE Dallas, 1852

W.R. Dolling

The family comprises a single genus all of whose reliably reported host plants belong to the genus *Euphorbia* and perhaps some closely related genera of Euphorbiaceae. Some species have been shown to transmit plant-parasitic protozoans of the genus *Phytomonas* (family Trypanosomatidae), which inhabit the latex of the host plants. In warm climates the bugs are frequently attracted to light. Most species are Palaearctic or Afrotropical but a few occur in the Oriental Region and Australia. It seems that some species have extended their range through accidental introductions by human activity, possibly in shingle ballast. The most notable such instance is the presence of an established population of one Palaearctic species in the Galapagos Islands, Ecuador, where it was first found in 1835.

World revision: Lansbury, 1965, 1966a, 1966b.

Note: Moulet (1995a: 285) attributes the authorship of Stenocephalidae to Latreille (1825: 421) in the vernacular form ‘Sténocéphalides’ but Latreille mentions only “Le g. Sténocéphale” in that work.

Family STENOCEPHALIDAE Dallas, 1852

STENOCEPHALIDAE Dallas, 1852a: 480. Type genus: *Stenocephalus* Latreille, 1829 (= *Dicranocephalus* Hahn, 1826).

DICRANOCEPHALIDAE Hedicke, 1935: 97 (Dicranocephalinae). As replacement name for Stenocephalinae. Type genus: *Dicranocephalus* Hahn, 1826.

Genus *Dicranocephalus* Hahn, 1826

Dicranocephalus Hahn, 1826: pl. 24, caption and legend. Type species by monotypy:

Cimex nugax Fabricius, 1781 (= *Cimex agilis* Scopoli, 1763).

Stenocephala Berthold, 1827: 417. Type species by subsequent designation (China, 1943: 231): *Cimex nugax* Fabricius, 1781 (= *Cimex agilis* Scopoli, 1763).

Stenocephalus Latreille, 1829a: 633 (syn. Westwood, 1840a: 123). Type species by original designation: *Cimex nugax* Fabricius, 1781 (= *Cimex agilis* Scopoli, 1763).

Dicranomerus Hahn, 1831: 22 (syn. Burmeister, 1835: 328, with *Stenocephalus*). Type species by monotypy: *Cimex nugax* Fabricius, 1781 (= *Cimex agilis* Scopoli, 1763).

Psotilnus Stål, 1860a: 468 (syn. Moulet, 1995b: 355). Type species by monotypy:

Psotilnus mucronifer Stål, 1860, South Africa.

Dichomerus Stål, 1873: 85 (as subgenus of *Stenocephalus*). Type species by subsequent designation (Kerzhner, 2003a: 101): *Stenocephalus caffer* Dallas, 1852.

Ref.: Lansbury, 1965, 1966a, 1966b (syst.); Moulet, 1995b (syst.); Tshernova, 1996 (syst.).

Note: Latreille (1825: 421) established the vernacular generic name ‘Sténocéphale’ which was latinized to *Stenocephala* by Berthold (1827: 417) and to *Stenocephalus* by Latreille (1829a: 633). Most authors used the name *Stenocephalus* Latreille for this genus until Stichel (1935b: 37) revived *Dicranocephalus* Hahn, 1826.

Dicranocephalus agilis (Scopoli, 1763)

Cimex agilis Scopoli, 1763: 126. ST(S): IT or SL, “in Austriaca litorali” [= nr Trieste, probably]; lost.

Cimex nigro-luteoque variegatus Goeze, 1778: 265 (unavailable name). For *Cimex* no. 26 in Geoffroy, 1762: 449. ST(S): FR, Paris; lost.

Cimex quinquepunctatus Goeze, 1778: 278 (syn. Harrer, 1784: 321). For Schaeffer, 1766: pl. 13, fig. 12. ST(S): GE, "Ratisbona" [= Regensburg]; lost.

Cimex nugax Fabricius, 1781: 366 (syn. Illiger, 1807: 388). STS: IT; ZMUC.

Cimex monilis Geoffroy in Fourcroy, 1785: 203 (syn. Harrer, 1784: 321, implied). For *Cimex* no. 26 in Geoffroy, 1762: 449. ST(S): FR, Paris; lost.

Cimex geoffroy [sic] Petagna, 1787: 42 (citing *Cimex agilis* Scopoli as syn.). ST(S): IT, Calabria.

Cimex multicolor Gmelin, 1790: 2136 (primary homonym of *Cimex multicolor* Gmelin, 1790: 2178; syn. Reuter, 1888a: 166). For sp. 78c in Zschach, 1788: 118. ST(S): EU; lost.

Cimex nussax Gmelin, 1790: 2173. For *nugax* Fabricius, 1781; emendation or error.

Cimex celer Gmelin, 1790: 2182. Unnecessary new name for *agilis* Scopoli, 1763.

Cimex melanochros Gmelin, 1790: 2184. Objective synonym of *monilis* Geoffroy, 1785.

Stenocephalus mexicanus Ashmead, 1886: 19 (syn. Sailer, 1952a: 302). LT (Sailer, 1952a: 302, as "the type"): Mexico, Isthmus of Tehuantepec (in error?); MCZC.

Stenocephalus crassicornis Horváth, 1887a: 279 (syn. Moulet, 1995b: 356). LT (Lansbury, 1966a: 88, as HT): ♀, AT, Anatolia, Brussa; HNHM.

Stenocephalus agilis var. *femoralis* Noualhier, 1893: 9 (junior primary homonym of *Stenocephalus femoralis* Reuter, 1888). ST(S): CI.

Stenocephalus agilis var. *femoratus* Puton, 1899a: 22. New name for *femoralis* Noualhier, 1893.

Stenocephalus robustus Jakovlev, 1901a: 204, 207 (syn. Lansbury, 1966a: 85). LT (Kerzhner, 2003a: 101): ♀, AB, Ordubad; ZMAS.

Dicranocephalus moralesi Wagner, 1950: 145 (syn. Lansbury, 1966a: 87, as subspecies; Moulet, 1995b: 356). HT: ♀, MO, Spanish Morocco, Isaguën; IMBS.

Dicranocephalus africanus Stichel, 1959: 359 (syn. Lansbury, 1966a: 87, with ssp. *moralesi*). New name for *femoralis* Noualhier, 1893.

Dicranocephalus agilis litoralis Linnavuori, 1960: 21 (syn. Lansbury, 1966a: 87, with ssp. *moralesi*; Moulet, 1995b: 357). HT: ♂, IS, Ashkelon; AMNH.

Distr. EU: AL AU BE BH BU BY CR CZ EK ET FR GB GE GR HU IR IT LS LT LU MA MC MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** AG AZ CI LB MO MR TU. **AS:** AB AK AR AT CY GG IN IS JO LE RU (WS) SY TM. **EL:** Neotropical Region (Mexico).

Ref.: Moulet, 1995a, 1995b (syn.); Tshernova, 1996 (syn.).

Note: Moulet (1995b) reduced *Dicranocephalus brevinotum* Lindberg, 1935 to synonymy with this species; Tshernova (1996) reinstated it. The older synonyms and even the name *agilis* itself may refer to other species. Records from MA, all NA and IS refer to the form first described as *femoralis* (Noualhier, 1893) (= *femoratus* (Puton, 1899); *moralesi* Wagner, 1950; *africanus* Stichel, 1959; *litoralis* Linnavuori, 1960).

***Dicranocephalus albipes* (Fabricius, 1781)**

?*Cimex variegatus* Poda, 1761: 59 (syn. Reuter, 1888a: 167, suspected). ST(S): AU, Graz; lost.

Reduvius albipes Fabricius, 1781: 382. ST(S): EU (central); lost.

Cimex leucopus Gmelin, 1790: 2195 (primary homonym of *Cimex leucopus* Gmelin, 1790: 2167). Unnecessary new name for *albipes* Fabricius, 1781.

Dicranomerus neglectus Herrich-Schaeffer, 1835a: 42 (syn. Stål, 1872a: 53). ST(S): GE, Regensburg; lost.

Distr. EU: AL AU BH BU CR CZ EK FR GE GR HU IT MA MC MD PL PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG AZ MO MR. **AS:** AB AT CY GG IN IQ IS SY.

***Dicranocephalus alticolus* (L.Y. Zheng, 1981)**

Stenocephalus alticolus L.Y. Zheng in Hsiao et al., 1981: 190. HT: ♂, CH (WP), Xizang, Gyirong, 2800 m; IZAS.

Distr. AS: CH (WP).

Ref.: Moulet, 1995b; Tshernova, 1996.

Note: Moulet (1995b) reduced this species to synonymy with *D. agilis*; Tshernova (1996) reinstated it but suspected synonymy with *D. femoralis* (Reuter).

***Dicranocephalus caffer* (Dallas, 1852)**

Stenocephalus caffer Dallas, 1852a: 482. STS (see note): ♂, ♀, South Africa; BMNH.

Stenocephalus lautipes Stål, 1860a: 468 (syn. Moulet, 1995b: 359). LT (Lansbury, 1966a: 82, as HT): ♀, Senegal; ZMHB.

Stenocephalus adspersus Jakovlev, 1901a: 203, 205 (syn. Lansbury, 1966a: 79). LT (Kerzhner, 2003a: 101): ♂, Ethiopia, Mana-bala; ZMAS.

Stenocephalus haoussa Villiers, 1950a: 325 (syn. Linnavuori, 1987: 33; Moulet, 1995b: 360). HT: ♀, Niger, Zinda; MNHN.

Stenocephalus conspurcatus Mancini, 1953: 195 (syn. Lansbury, 1966a: 80, with *haoussa*; Moulet, 1995b: 360). HT: ♀, Ethiopia, Sagan-Omo, Lake Stefanie area, Cascheir; MCSN.

Distr. AS: SA YE. **EL:** tropical Africa.

Note: Lansbury (1966a) recognised both *D. lautipes* (Stål, 1860) and *D. haoussa* (Villiers, 1950) as good species distinct from *D. caffer* (Dallas, 1852). He cited a male ST of *S. caffer* as HT, but this action does not constitute LT designation (Code, Art. 74.5).

***Dicranocephalus femoralis* (Reuter, 1888)**

Stenocephalus femoralis Reuter, 1888b: 66. LT (Moulet, 1995b: 356, as HT): ♂, CH (NO), Beijing; MNHN.

Distr. AS: CH (NO NW WP) MG RU (ES FE).

Ref.: Moulet, 1995b (syn.); Tshernova, 1996 (syn.).

Note: Moulet (1995b) reduced this species to synonymy with *D. agilis*, whose *femoralis* (Noualhier, 1893) form it resembles; Tshernova (1996) reinstated it.

***Dicranocephalus ferganensis* (Horváth, 1887)**

Stenocephalus ferganensis Horváth, 1887a: 280. STS: ♂, UZ, Fergana; HNHN.

Distr. AS: AB AF AK IN KI TD TM UZ.

Ref.: Moulet, 1995b (syn.); Tshernova, 1996 (syn.).

Note: Moulet (1995b) reduced this species to synonymy with *D. agilis*, whose *femoralis* (Noualhier, 1893) form it resembles; Tshernova (1996) reinstated it. Citation of HT (Lansbury, 1966b: 152) does not constitute LT designation (Code, Art. 74.5).

***Dicranocephalus ganziensis* Ren, 1990**

Dicranocephalus ganziensis Ren, 1990: 352. HT: ♀, CH (WP), Sichuan, Hengduan Mts, Ganzi [= Garzê]; IZAS.

Distr. AS: CH (WP).

Ref.: Moulet, 1995b (syn.); Tshernova, 1996 (syn.).

Note: Moulet (1995b) reduced this species to synonymy with *D. agilis*; Tshernova (1996) reinstated it, but suspected synonymy with *D. femoralis* (Reuter).

***Dicranocephalus hirsutus* Moulet, 1993**

Dicranocephalus hirsutus Moulet, 1993: 205. HT: ♂, Ethiopia, Dancal [= Denakil], Tandaho [= Tendaho]; MCSN.

Distr. AS: IN YE. **EL:** tropical Africa (northern).

***Dicranocephalus insularis* (Dallas, 1852)**

Stenocephalus insularis Dallas, 1852a: 482. LT (Scudder, 1957: 156): ♀, Ecuador, Galapagos Is; BMNH.

Stenocephalus bianchii Jakovlev, 1901a: 203 (syn. Moulet, 1995b: 359). HT: ♀, IN, Kirman, Kukh-i-Murgak [about 100 km WNW of Khash, Sistan-Baluchistan]; ZMAS.

Stenocephalus mairei Bergevin, 1930a: 24 (syn. Moulet, 1995b: 359, with *bianchii*). HT: ♀, AG, Tamouda, N Hoggar; MNHN.

Stenocephalus elegantulus Villiers, 1950a: 324 (syn. Moulet, 1995b: 359, with *bianchii*). HT: ♂, Niger, Aïr, Monts Baguezans (Irabellaben), 1200B1300 m; MNHN.

Stenocephalus alboscuteallatus Villiers, 1956a: 841 (syn. Moulet, 1995b: 359, with *bianchii*). HT: ♂, Mauritania, Mollonchar; MNHN.

Dicranocephalus pilicornis Linnavuori, 1961a: 83 (syn. Lansbury, 1965: 72, with *bianchii*). HT: ♀, IS, Wadi Wefekh; NMWC.

Distr. NA: AG CI EG LB MO. **AS:** AF IN IQ IS JO KU OM SA SI YE. **EL:** tropical Africa (north), Oriental Region (Pakistan) and Neotropical Region (Ecuador: Galapagos Is).

***Dicranocephalus lateralis* (Signoret, 1879)**

Stenocephalus lateralis Signoret, 1879a: 72. LT (Lansbury, 1965: 71, as HT): ♂, East Indies [probably somewhere in the Malay Archipelago]; NHMW.

Distr. AS: CH (SE SW) IN JA. **EL:** Oriental Region, Australia.

***Dicranocephalus marginatus* (Ferrari, 1874)**

Stenocephalus marginatus Ferrari, 1874: 138. HT: ♂, IN; MCSN.

Stenocephalus albomarginatus Jakovlev, 1877a: 90 (syn. Puton, 1886a: 18). HT: ♂, IN, Shahrud; ZMAS.

Stenocephalus orientalis Distant, 1880a: 202 (syn. Josifov, 1986a: 86). LT (Moulet, 1995b: 360): ♂, India, Bombay; BMNH.

Distr. AS: AF AK IN IQ IS JO KI KU LE OM SA SY TD TM UZ. **EL:** Oriental Region.

***Dicranocephalus marginicollis* (Puton, 1881)**

Stenocephalus agilis var. *marginicollis* Puton, 1881a: 77, 1881b: 107 (upgraded by Horváth, 1887a: 280). LT (Lansbury, 1966b: 156, as HT): ♀, FR, Pyrénées Orientales, Gavarnie; MNHN.

Stenocephalus tunetanus Horváth, 1887a: 279 (syn. Moulet, 1995b: 357). LT (Lansbury, 1966b: 153, as HT): ♀, TU, between Kasserine and Sbeitla; MNHN.

Stenocephalus pruinosus Horváth, 1887a: 280 (syn. Moulet, 1995b: 357). LT (Lansbury, 1966b: 158): ♂, SL, Carniola, Prewald [= Razdrto]; HNHN.

Stenocephalus divulsus Horváth, 1907a: 300 (syn. Josifov, 1986a: 86). LT (Lansbury, 1966b: 158): ♂, AL, Peristeri; HNHN.

Distr. EU: AL FR GR HU IT MA MC PO SL SP. **NA:** AG LB MO TU.

Note: Moulet (1995b) reduced *Dicranocephalus kashmiriensis* Lansbury, 1966 to synonymy with this species; Tshernova (1996) reinstated it.

***Dicranocephalus medius* (Mulsant & Rey, 1870)**

Cimex gonymelas Donovan, 1798: 5 (nomen oblitum; syn. nov.). ST(S): GB, Kent, Darent[h] Wood; lost.

Stenocephalus medius Mulsant & Rey, 1870: 248. ST(S): FR; lost.

Stenocephalus horvathi Reuter, 1888b: 67 (syn. Kerzhner, 1976: 31). LT (Moulet, 1995b: 358, as HT): ♂, CH (NO), Beijing; MNHN.

Stenocephalus sibiricus Jakovlev, 1889a: 76 (syn. Kerzhner, 1976: 31). HT: ♂, RU (ES), Krasnoyarsk Terr., Achinsk; ZMAS.

Stenocephalus medius var. *brevis* Horváth, 1899a: 448. STS: ♂, ♀, AB, Lenkoran; MNHN.

Stenocephalus japonicus Lansbury, 1966a: 91 (syn. Kerzhner, 1976: 31). HT: ♂, JA, Genjiyama, 6000 feet; HNHM.

Distr. EU: AL AU BE BH BU BY CR CZ EK FR GB GE HU IT LU MC NL PL RO RU (CT ST) SK SL SP SZ UK YU. **AS:** AB AK AR AT CH (NE NO NW) GG IN JA MG RU (ES FE WS).

Note: *Cimex gonymelas* Donovan, 1798 was synonymized with *Dicranocephalus nugax* (Fabricius, 1781) by Stephens (1829: 341) and hence has traditionally been regarded as synonymous with *D. agilis* (Scopoli, 1763). A specimen in BMNH from the type locality is conspecific with *D. medius* (Mulsant & Rey, 1870) (Lansbury, 1966a: 89). Some records from eastern AS are based on material that may not be conspecific. The record from CI by Moulet (1995) has to be confirmed.

***Dicranocephalus pallidus* (Signoret, 1879)**

Stenocephalus pallidus Signoret, 1879a: 72. LT (Moulet, 1995b: 361, as HT): ♂, YE, Aden; NHMW.

Stenocephalus propinquus Bergevin, 1930a: 26 (syn. Moulet, 1995b: 361). HT: ♀, AG, South Hoggar Mts; MNHN.

Stenocephalus berlandi Villiers, 1951: 136 (syn. Moulet, 1995b: 361). HT: ♂, Mauritania, Atar; MNHN.

Distr. NA: AG CI EG MO. **AS:** AT IN IQ IS OM SA SI YE. **EL:** Afrotropical Region (north).

***Dicranocephalus panelii* Lindberg, 1959**

Dicranocephalus panelii Lindberg, 1959a: 34. HT: ♂, Cape Verde Is; MZHF.

Dicranocephalus pseudotestaceus Lansbury, 1966a: 83 (syn. Moulet, 1995b: 361). HT: ♂, South Africa, Cape Prov., nr Mt Arab, 22 miles ENE of Springbok; BMNH.

Distr. AS: YE. **EL:** tropical Africa.

***Dicranocephalus punctarius* (Stål, 1865)**

Stenocephalus punctarius Stål, 1865: 89. LT (Lansbury, 1966a: 77, as HT): ♀, Bourbon [= Réunion] Is.; NHMW.

Stenocephalus pilosus Bergroth, 1912a: 88 (syn. Moulet, 1995b: 361). ST(S): ♂, Tanzania, Pemba Is.; MZHF?

Dicranocephalus prolixus Lansbury, 1966a: 78 (syn. Moulet, 1995b: 361). HT: ♀, Mauritius Is.; HNHM.

Distr. AS: YE. **EL:** tropical Africa.

***Dicranocephalus putoni* (Horváth, 1897)**

Stenocephalus putoni Horváth, 1897a: 84. LT (Lansbury, 1965: 70, as HT): ♂, AT, Akbes [= Ekbaz]; MNHN.

Stenocephalus dimidiatus Jakovlev, 1901a: 203 (syn. Lansbury, 1965: 68). LT (Kerzhner, 2003a: 101): ♀, IN, E Khorasan, Kale-Minar Mts; ZMAS.

Distr. AS: AT IN SY.

Ref.: Moulet, 1995b (syn.); Tshernova, 1996 (syn.).

Note: Moulet (1995b) reduced this species to synonymy with *D. marginatus*; Tshernova (1996) reinstated it.

***Dicranocephalus setulosus* (Ferrari, 1874)**

Stenocephalus setulosus Ferrari, 1874: 139. LT (Moulet, 1995b: 358): ♀, IT, Stazzano; MCSN.

Distr. EU: BU FR GR IT MA MD RO RU (ST) SP UK. **NA:** AG EG MO TU. **AS:** AB AK AR AT CY GG IN IQ IS OM SI SY.

Family RHOPALIDAE Amyot & Serville, 1843

W.R. Dolling

This worldwide family of phytophagous bugs contains about 20 genera and 207 species. Some species are very mobile and may reach areas well beyond their normal geographic ranges and even establish temporary colonies there. Although some species may occur among crops, none is of more than minor economic significance. Aposematic and cryptic colour patterns occur; alary polymorphism is very infrequent. Most species are in the size range 5-10 mm; Serinethinae are typically larger, 10-20 mm long. The family is well defined but its internal classification is fluid and its exact relationship to the other families of Coreoidea is subject to debate.

World catalogue: Göllner-Scheiding, 1983. Regional treatments: Hsiao et al., 1977 (China), V.G. Putshkov, 1986 (former USSR), Moulet, 1995a (Europe, North Africa). Classification: Schaefer, 1965; Chopra, 1967; Göllner-Scheiding, 1978a; Schaefer & Chopra, 1982; X.Z. Li & Zheng, 1994; Davidová-Vilimová et al., 2000.

Family RHOPALIDAE Amyot & Serville, 1843

RHOPALIDAE Amyot & Serville, 1843: xxxvi, 243 (Rhopalides). Type genus: *Rhopalus* Schilling, 1827.

CORIZIDAE A. Costa, 1853: 71 (Corizini). Type genus: *Corizus* Fallén, 1814.

Subfamily SERINETHINAE Stål, 1873

SERINETHINAE Stål, 1873: 97 (Serinetharia). Type genus: *Serinetha* Spinola, 1837 (= *Leptocoris* Hahn, 1833).

LEPTOCORINAE Van Duzee, 1914: 379 (Leptocorini). Type genus: *Leptocoris* Hahn, 1833.

Genus *Leptocoris* Hahn, 1833

Leptocoris Hahn, 1833a: 200. Type species by monotypy: *Leptocoris rufus* Hahn, 1833, New Guinea and nearby islands.

Serinetha Spinola, 1837: 247. New name for *Leptocoris* Hahn, 1833.

Lygeomorphus Blanchard, 1840: 116 (also as *Lygaeomorphus*). New name for *Leptocoris* Hahn, 1833.

Pyrrhotes Westwood, 1840b: 484. New name for *Leptocoris* Hahn, 1833.

Tynotoma Amyot & Serville, 1843: 220 (syn. Dallas, 1852a: 460, with *Serinetha*). Type species by monotypy: *Tynotoma vittata* Amyot & Serville, 1843 (= *Leptocoris amictus* Germar, 1838).

Ref.: Gross, 1960 (Asian and Australasian spp.); Göllner-Scheiding, 1980a (African spp., notes on Asian spp.).

Note: Hahn (1833a) intended the gender of *Leptocoris* to be masculine; Göllner-Scheiding's (1983) catalogue treated it as feminine. *Leptocoris* Hahn, 1833 is preoccupied by *Leptocoris* Germar, 1829, a nomen oblitum synonymous with *Leptocorisa* Latreille, 1829.

Leptocoris abdominalis abdominalis (Fabricius, 1803)

Lygaeus abdominalis Fabricius, 1803: 226. LT (Göllner-Scheiding, 1983: 162): ♀, Indonesia, Sumatra: ZMUC.

Leptocoris marginatus Blöte, 1934: 267 (syn. Gross, 1960: 427). HT: ♂, Indonesia,

Sulawesi, Minahassa; RMNH.

Distr. AS: CH (SE SW) TA. **EL:** Oriental Region.

Extralimital subspecies: *Leptocoris abdominalis blotei* Gross, 1960, New Guinea.

Note: *Leptocoris rufus* Hahn, 1833 is not synonymous with *L. abdominalis* (see Kerzhner, 2003a: 103).

***Leptocoris abdominalis taprobanensis* (Dallas, 1852)**

Serinetha taprobanensis Dallas, 1852a: 461 (downgraded by Distant, 1901a: 428, as var.; Gross, 1960: 428, as ssp.). ST(S): Ceylon [= Sri Lanka]; BMNH.

?*Leptocoris bahram* Kirkaldy, 1899a. See note under *L. bahram*.

Distr. AS: YE (Socotra). **EL:** Oriental Region.

Note: See note under *Leptocoris bahram* Kirkaldy, 1899.

***Leptocoris amictus* Germar, 1838**

Leptocoris amictus Germar, 1838: 144. STS: South Africa, Cape of Good Hope; MRSN, ZMUL.

Tynotoma vittata Amyot & Serville, 1843: 220 (syn. Dallas, 1852a: 462). ST(S): South Africa, Cape of Good Hope.

Serinetha moesta Stål, 1855a: 29 (syn. Stål, 1865a: 113). LT (Göllner-Scheiding, 1980a: 110, as HT): ♂, South Africa; NHRS.

Leptocoris amicta rubra Göllner-Scheiding, 1980a: 112 (syn. nov.). HT: ♂, Congo, Lulua, Kapanga; MRAC.

Distr. AS: OM! **EL:** tropical Africa.

Note: Material from OM (National Museum of Wales, Cardiff) is of a different colour form from that described for either the typical form (Göllner-Scheiding, 1980a) or the form *rubra* (as above).

***Leptocoris augur* (Fabricius, 1781)**

Cimex augur Fabricius, 1781: 366. STS: India orientalis; BMNH, ZMUC.

Lygaeus chalconecephalus Fabricius, 1803: 226 (syn. Stål, 1868a: 68). ST(S): locality not given.

Serinetha dallasi Dohrn, 1860a: 402 (syn. Gross, 1960: 411). ST(S): Ceylon [= Sri Lanka]; ZMPA.

Distr. AS: CH (SE SW) JA OM? TA. **EL:** Oriental Region, Mauritius?

Ref.: Hoffmann, 1933 (biol.).

Note: The record from OM (Göllner-Scheiding, 1980a: Muscat) was based on females, which are difficult to distinguish from *Leptocoris chevreuxi* (Noualhier, 1898), a species reported from neighbouring YE (Linnavuori, 1989).

***Leptocoris bahram* Kirkaldy, 1899**

Leptocoris bahram Kirkaldy, 1899a: 46. LT (Göllner-Scheiding, 1983: 165): ♀, YE, Socotra, Adho Dimellus, 3000 ft; BMNH.

Distr. AS: YE (Socotra).

Ref.: Kirkaldy, 1903a (descr.).

Note: Distant (1902a: 419) and Gross (1960: 428) reduced this species to synonymy with *Leptocoris abdominalis* (Fabricius, 1803) but Göllner-Scheiding (1983: 165) reinstated it. Göllner-Scheiding (1992: 278) referred to *Leptocoris abdominalis taprobanensis* (Dallas, 1852) as occurring in Socotra, a statement in accordance with Distant's (l.c.) assertion that "*taprobanensis*... is the Socotran form recently described by Kirkaldy".

***Leptocoris capititis* (Hsiao, 1963)**

Serinetha capititis Hsiao, 1963a: 331, 344. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Xiao-meng-yang; IZAS.

Distr. AS: CH (SW). **EL:** Vietnam.

***Leptocoris chevreuxi* (Noualhier, 1898)**

Serinetha chevreuxi Noualhier, 1898: 233. LT (Göllner-Scheiding, 1980a: 114, as HT): ♀, Senegal, Dakar; MNHN.

Distr. AS: YE. **EL:** tropical Africa.

Note: The record of *Leptocoris augur* (Fabricius, 1781) from OM may refer to this species.

***Leptocoris dispar* (Hsiao, 1963)**

Serinetha dispar Hsiao, 1963a: 331, 344. HT: ♂, CH (SW), Yunnan, Lu-xi county; IZAS.

Leptocoris arorai Chopra, 1971: 507 (syn. Göllner-Scheiding, 1980a: 140). HT: ♂, India, Tamilnadu, Nilgiri Hills, Singara, 1035 m; NZSI.

Distr. AS: CH (SW). **EL:** Oriental Region.

Note: Hsiao (1965a) synonymized *Serinetha dispar* Hsiao, 1963 with *Cimex augur* Fabricius, 1781 but Göllner-Scheiding (1980a) reinstated it.

***Leptocoris rufomarginatus* (Fabricius, 1794)**

Lygaeus rufomarginatus Fabricius, 1794: 152. LT (Göllner-Scheiding, 1983: 171): ♀, India orientalis; ZMUC.

Lygaeus taitense Guérin-Ménéville, 1831: pl. 12, fig. 15 (syn. Gross, 1960: 432). ST(S): Tahiti; MNHN?

Serinetha fimbriata Dallas, 1852a: 462 (syn. Gross, 1960: 432). LT (Göllner-Scheiding, 1983: 171, as HT): ♀, Australia, "New Holland"; BMNH.

Leptocoris spectabilis Breddin, 1901a: 114 (syn. Gross, 1960: 432). LT (Gaedike, 1971: 106): ♀, Indonesia, Sulawesi, Toli-Toli; DEIC.

Lygaeus flavomarginatus Matsumura, 1913: 141 (syn. Esaki, 1926a: 157). STS: ♂, ♀, JA, Okinawa; EIHU?

Distr. AS: JA TA. **EL:** Australasian and Oriental Regions.

Subfamily RHOPALINAE Amyot & Serville, 1843

Extralimital tribe: Harmostini Stål, 1873, Nearctic and Neotropical Regions.

Tribe CORIZOMORPHINI Kiritshenko, 1964

CORIZOMORPHINI Kiritshenko, 1964: 123 (Corizomorphinae). Type genus:

Corizomorpha Jakovlev, 1883.

Genus *Corizomorpha* Jakovlev, 1883

Corizomorpha Jakovlev, 1883a: 107. Type species by monotypy: *Corizomorpha janowskyi* Jakovlev, 1883.

***Corizomorpha janowskyi* Jakovlev, 1883**

Corizomorpha janowskyi Jakovlev, 1883a: 109. HT: ♀, CH (NW), Kuldja [= Yining]; ZMAS.

Distr. AS: AB AR AT CH (NW) IN KI TD TM UZ.

Tribe NIESTHREINI Chopra, 1967

NIESTHREINI Chopra, 1967: 369 (Niesthriini). Type genus: *Niesthrea* Spinola, 1837,

Nearctic and Neotropical Regions.

Genus *Peliochrous* Stål, 1873

Peliochrous Stål, 1873: 97, 98. Type species by monotypy: *Corizus nigromaculatus* Stål, 1855.

Ref: Göllner-Scheiding, 1988 (syst.).

***Peliochrous globisternum* Linnavuori, 1978**

Peliochrous globisternum Linnavuori, 1978: 42. HT: ♂, YE, Dhala; AMNH.

Distr. AS: YE. **EL:** tropical Africa.

Note: Records of *P. nigromaculatus* Stål, 1855 from “Arabia” probably refer to this species.

***Peliochrous nigromaculatus nigromaculatus* (Stål, 1855)**

Corizus nigromaculatus Stål, 1855a: 32. LT (Göllner-Scheiding, 1983: 46): ♂, South Africa; NHRS.

Distr. AS: YE. **EL:** tropical Africa.

Extralimital subspecies: *Peliochrous nigromaculatus alpinus* Linnavuori, 1978, Sudan.

Tribe RHOPALINI Amyot & Serville, 1843

MACCEVETHINI Chopra, 1967: 365 (syn. V.G. Putshkov & Kerzhner, 1983: 80).

Type genus: *Maccevethus* Dallas, 1852.

Genus *Brachycarenum* Fieber, 1860

Brachycarenum Fieber, 1860: 60. Type species by subsequent monotypy (Fieber, 1861: 236): *Rhopalus tigrinus* Schilling, 1829.

Ref: Göllner-Scheiding, 1978b (syst., key; as subgenus of *Rhopalus* Schilling, 1827).

Note: Treated as full genus by V.G. Putshkov (1986) and Moulet (1995a).

***Brachycarenum languidus* (Horváth, 1891)**

Corizus (Brachycarenum) languidus Horváth, 1891a: 78. LT (Göllner-Scheiding, 1978b: 327): ♂, AB, Ordubad; HNHN.

Distr. AS: AB AF AR AT IN TM UZ.

***Brachycarenum tigrinus* (Schilling, 1829)**

Rhopalus tigrinus Schilling, 1829: 53. ST(S): PL, Silesia, Schwoitsch [= Wrocław-Swojczyce]; lost.

Corizus pudicus Rambur, 1839: 143 (syn. Fieber, 1861: 236). LT (Göllner-Scheiding, 1978b: 328, as HT; 1983: 103): ♀, SP, Malaga; BMNH.

Corizus laticeps Boheman, 1851: 224 (syn. Baerensprung, 1858a: 79). STS: SV, Gotland; NHRS.

Corizus gemmatus A. Costa, 1853: 13 (syn. Signoret, 1854: liv). ST(S): IT, Naples.

Heterogaster punctosus Walker, 1872: 72 (syn. Horváth, 1899b: 278). STS: ♀, MR; BMNH (1 ST).

Distr. EU: AL AU BE BH BU BY CR CZ DE EK ET FI FR GB GE GR HU IT LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG AZ CI LB MO MR TU. **AS:** AB AF AK AR AT CH (NO NW SW/WP) CY GG IN IQ IS JO KI KO MG RU (ES WS) TD TM UZ. **EL:** Nearctic Region (USA, introduced), Oriental Region (Kashmir).

Genus *Corizus* Fallén, 1814

Corizus Fallén, 1814: 8. Type species by monotypy: *Cimex hyoscyami* Linnaeus, 1758.
Therapha Amyot & Serville, 1843: 244 (syn. Herrich-Schaeffer, 1853b: 200). Type species by subsequent designation (Blanchard, 1849a: 553): *Cimex hyoscyami* Linnaeus, 1758.

Consivius Distant, 1909a: 320 (syn. Bergroth, 1911: 184). Type species by monotypy: *Consivius collinus* Distant, 1909 (= *Cimex hyoscyami* Linnaeus, 1758).

Note: Fallén (1814) noted that his new genus contained five Swedish species but mentioned by name only *hyoscyami*; Brullé (1836: 358) stated that *Cimex hyosciami* [sic] Linnaeus was the type species.

Ref.: Göllner-Scheiding, 1980b (syst., key); Horváth, 1917a (rev.); Kerzhner, 1962; V.G. Putshkov & Kerzhner, 1983 (syst.).

Corizus altivolens Kiritshenko, 1952

Corizus altivolens Kiritshenko, 1952: 170. LT (V.G. Putshkov & Kerzhner, 1983: 80): ♀, TD, Kutarmakba, 4000 m, 45 km [from] Stalinabad [= Dushanbe]; ZMAS.

Distr. AS: TD.

Corizus brevicornis Horváth, 1917

Corizus brevicornis Horváth, 1917a: 167. LT (Göllner-Scheiding, 1983: 70): ♂, AT, Oltu; HNHM.

Distr. AS: AT.

Corizus fenestella fenestella Horváth, 1917

Corizus fenestella Horváth, 1917a: 167. LT (Göllner-Scheiding, 1983: 78, as HT): ♂, AT, Kazikoporan; HNHM.

Corizus fenestella var. *alternans* Horváth, 1917a: 167. LT (Göllner-Scheiding, 1983: 78, as HT): ♂, AR, Arax valley; HNHM.

Distr. EU: GR (Lesvos!). **AS:** AB AR AT IN IQ.

Note: Populations from AF, eastern part of IN and TM are intermediate between the two subspecies (V.G. Putshkov, 1986: 40).

Corizus fenestella subsimilis Horváth, 1917

Corizus hyoscyami var. *limbatus* Reuter, 1900a: 275 (junior primary homonym of *Corizus limbatus* Rey, 1877; upgraded by Horváth, 1917a: 172; syn. Kerzhner, 1962: 876, with *fenestella* Horváth as ssp. of *limbatus* Reuter). LT (Göllner-Scheiding, 1983: 77, as HT): ♂, KI, Dzhlaryk; MZHF.

Corizus limbatus var. *subsimilis* Horváth, 1917a: 167. LT (Göllner-Scheiding, 1983: 77, as HT; V.G. Putshkov, 1986: 39): ♂, KI, Osh; HNHM.

Therapha diluta Distant, 1918: 172 (syn. Kerzhner, 1962: 876, with *limbatus* Reuter). LT (Göllner-Scheiding, 1983: 77, as HT): ♀, N India, Kumaon, Shamkhet; BMNH.

Distr. AS: AF AK KI MG TD TM UZ. **EL:** Oriental Region (India).

Corizus hyoscyami hyoscyami (Linnaeus, 1758)

Cimex hyoscyami Linnaeus, 1758: 447. For *Cimex* no. 665 in Linnaeus, 1746: 208 and in part *Cimex* no. 664 in Linnaeus 1746: 207. STS: ♂, ♀, no data (probably SV); LSUK.

Therapha hyosciami var. *flavicans* Puton, 1881b: 110. LT (Göllner-Scheiding, 1983: 75): ♂, FR, Corse; NMNH.

Therapha hyosciami var. *usticensis* Riggio, 1885: 55. HT: IT, Ustica.

Therapha [*hyoscyami*] var. *flavescens* Rey, 1888: 98. Unnecessary new name for var.

flavicans Puton, 1881.

Consivius collinus Distant, 1909a: 321 (syn. Bergroth, 1911: 184). LT (Göllner-Scheiding, 1983: 75, as HT): ♀, India, Simla hills, Dharampur, ca 5000 ft; BMNH.

Corizus monticola Horváth, 1917a: 166 (syn. Kerzhner, 1962: 875, as var.). LT (Göllner-Scheiding, 1983: 75, as HT): ♀, India, Himalaya, Kulu, 5000 ft; HNHM.

Therapha atropyga Blöte, 1934: 256 (syn. Kerzhner, 1962: 880). HT: ♂, GG, Borzhomi; RMNH.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IR IT LA LS LT LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** EG LB. **AS:** AB AF AK AR AT CH (NE NO NW SW) CY GG IN IQ IS JO KI KO LE MG RU (ES FE WS) SI SY TD TM UZ. **EL:** Oriental Region.

Note: Linnaeus (1758) in founding the name *Cimex hyoscyami*, cited several bibliographic references one of which, It. oel. 155, is in error for It. oel. 49.

***Corizus hyoscyami nigradorsum* (Puton, 1874)**

Terapha nigradorsum Puton, 1874a: 435 (syn. Puton, 1877: 7, as var.; as ssp. by Stichel, 1960a: 421). LT (Göllner-Scheiding, 1983: 76): ♂, AG, Biskra; MNHN.

Terapha nigradorsum var. *pallescent* Bergevin, 1910: 309. STS: AG; MNHN, ZMAS.

Terapha nigradorsum var. *nigrescens* Bergevin, 1916: 311. STS: MO, Marrakech; MNHN, ZMAS.

Corizus nigradorsum var. *conviva* Horváth, 1917a: 167, 171. LT (Göllner-Scheiding, 1983: 77, as HT; V.G. Putshkov, 1986: 35): ♂, AG, Biskra; HNHM.

Corizus nigradorsum var. *decolor* Horváth, 1917a: 167, 171. LT (Göllner-Scheiding, 1983: 77, as HT; V.G. Putshkov, 1986: 35): ♂, AG, Orléansville; HNHM.

Corizus nigradorsum var. *semilimbata* Lindberg, 1932: 22. HT: MO, Marrakech, Gueliz oasis; MZHF.

Distr. EU: FR IT PO? SP. **NA:** AG CI MO TU.

***Corizus tetraspilus* Horváth, 1917**

Corizus tetraspilus Horváth, 1917a: 166. STS (see note): ♀, RU (ES: Kyakhta), CH (NO: Khalgan [= Zhangjiakou]) and India (Himalayas: Kulu); HNHM.

Therapha albomarginata Blöte, 1934: 254 (syn. Kerzhner, 1962: 877). HT: ♂, CH (NO), Inner Mongolia, Inn-Shan [= Yinshan Mts]; RMNH.

Therapha albomarginata var. *pallens* Blöte, 1934: 255. HT: ♂, UZ, Fergana, Kokand; RMNH.

Distr. AS: AK CH (NE NO NW SW) KI KO MG RU (ES FE WS) UZ.

Note: Kerzhner (1962: 876) stated that the Indian specimen is not conspecific with other STS and probably belongs to *C. fenestella subsimilis*. Göllner-Scheiding (1983: 78) cited this Indian specimen as HT, but under Art. 74.5 of the Code (4th edition) her action does not constitute LT designation and it was also rejected by V.G. Putshkov (1986: 38) in the interests of stability of nomenclature (see also Kerzhner, 2003a).

Genus *Limacocarenum* Kiritshenko, 1914

Limacocarenum Kiritshenko, 1914a: 402. Type species by monotypy: *Limacocarenum curtulus* Kiritshenko, 1914.

Scolopocranum Horváth, 1914: 659. Unnecessary new name for *Limacocarenum* Kiritshenko, 1914.

Ref.: Göllner-Scheiding, 1978b (syst., as syn. of *Rhopalus* subg. *Rhopalus* Schilling, 1827).

Note: Treated as full genus by V.G. Putshkov (1986).

***Limacocarenum curtulus* Kiritshenko, 1914**

Limacocarenum curtulus Kiritshenko, 1914a: 402. LT (Göllner-Scheiding, 1978b: 315): ♂, UZ, prov. Samarkand, Agalykpoyn; ZMAS.

Distr. AS: AF AK AT IN KI UZ.

Genus *Liorhyssus* Stål, 1870

Liorhyssus Stål, 1870 (before 14 Sept.): 222 (as subgenus of *Corizus*; upgraded by Stål, 1872a: 55). Type species by subsequent designation (Reuter, 1888a: 409): *Lygaeus hyalinus* Fabricius, 1794.

Colobatus Mulsant & Rey, 1870 (Oct.): 105, 137 (syn. Stål, 1872a: 55). Type species by monotypy: *Corizus gracilis* Herrich-Schaeffer, 1835 (= *Lygaeus hyalinus* Fabricius, 1794).

Ref: Göllner-Scheiding, 1976 (rev.).

***Liorhyssus hyalinus* (Fabricius, 1794)**

Lygaeus hyalinus Fabricius, 1794: 168. LT (Göllner-Scheiding, 1976: 190): (damaged), “In Americae Insulis”; ZMUC.

Corizus gracilis Herrich-Schaeffer, 1835b: pl. 2 and legend (syn. Puton, 1869: 10). STS: ♂, ♀, SP; ZSMC?

Corizus capensis Germar, 1838: 144 (syn. Göllner-Scheiding, 1976: 189). STS: South Africa, Cape of Good Hope; ZMHB? (see Göllner-Scheiding, 1976: 190), MRSN, ZMAS.

Corizus truncatus Rambur, 1839: 144 (syn. Signoret, 1859: 88, with *gracilis*; Stål, 1868a: 68). LT (Göllner-Scheiding, 1976: 191, as HT; 1983: 63): ♀, SP, Malaga; BMNH.

Corizus rubescens Kolenati, 1845: 59 (syn. Kerzhner, 2003b: 95). LT (Kerzhner, 2003b: 95): ♂, AB, Karabagh; NHMW.

Merocoris maculiventris Spinola, 1852: 170 (syn. Harris, 1942: 361). LT (Göllner-Scheiding, 1976: 191, as HT): ♀, Chile; MNHN.

Merocoris microtomus Spinola, 1852: 171 (syn. Harris, 1942: 361). ST(S): Chile (north).

Rhopalus ruber Dallas, 1852a: 525 (syn. Göllner-Scheiding, 1983: 63). LT (Göllner-Scheiding, 1983: 63, as HT): ♀, Colombia, Mt Goudo; BMNH.

Rhopalus bengalensis Dallas, 1852a: 528 (syn. Göllner-Scheiding, 1976: 189). LT (Göllner-Scheiding, 1976: 190, as HT): ♀, India, N Bengal; BMNH.

Corizus sanguineus A. Costa, 1853: 13 (syn. Fieber, 1861: 234, with *truncatus*, as var.; Puton, 1869: 10). ST(S): IT, Napoli.

Corizus dilatipennis Signoret, 1859: 89 (syn. Stål, 1865a: 117, with *truncatus*; 1873: 98). LT (Göllner-Scheiding, 1976: 190): ♂, Sudan, “Nubia super.”; NHRS.

Corizus variegatus Signoret, 1859: 89 (syn. Stål, 1865a: 117, with *truncatus*; 1873: 98). ST(S): Mauritius.

Corizus quadrilineatus Signoret, 1859: 90 (syn. Harris, 1942: 361). LT (Göllner-Scheiding, 1976: 191, as HT): Chile; MNHN.

Corizus sculus Signoret, 1859: 91 (syn. Dohrn, 1860b: 107, with *sanguineus*; Puton, 1869: 10). ST(S): IT, Sicily.

Corizus lugens Signoret, 1859: 92 (name attributed to Stål; see *Rhopalus lugens*). ST(S): Ecuador, Galapagos Is.

Rhopalus lugens Stål, 1860b: 240 (syn. Göllner-Scheiding, 1976: 189). LT (Göllner-

Scheiding, 1976: 191): ♂, Ecuador, Galapagos Is; NHRS.
Rhopalus victoris Mulsant & Rey, 1870: 113, 123 (syn. Puton, 1875: 18). STS: ♀, FR, Var, Seyne; lost.
Corizus marginatus Jakovlev, 1871: 10 (syn. Jakovlev, 1877b: 273, as var.). STS: ♂, ♀, RU (ST), Astrakhan; MZHF (1 ST).
Corizus hyalinus var. *nigrinus* Puton, 1881a: 77, 1881b: 117. STS: FR, Aube and Tarbes.
Corizus hyalinus var. *spathula* Rey, 1887a: 2. STS: FR, Lyon.
Liorhyssus hyalinus var. *rubricatus* Reuter, 1900a: 276. LT (Göllner-Scheiding, 1976: 192, as "Typus"; 1983: 64, as HT): ♀, EG, Heliopolis [= nr Cairo]; MZHF.
Liorhyssus natalensis var. *corallinus* Horváth, 1911a: 105 (syn. Göllner-Scheiding, 1976: 198). ST(S): ♀, EG, Mex [= El Maks] nr Alexandria.
Corizus scotti Distant, 1913a: 148 (syn. Kiritschenko, 1914b: 482). LT (Göllner-Scheiding, 1976: 191): ♂, Seychelles, Silhouette, Mare aux Cochons; BMNH.
Corizus imperialis Distant, 1918: 170 (syn. Göllner-Scheiding, 1976: 189). LT (Göllner-Scheiding, 1976: 190, as HT): ♀, India, Bombay; BMNH.
Corizus pronotalis Distant, 1918: 170 (syn. Göllner-Scheiding, 1976: 190). LT (Göllner-Scheiding, 1976: 191, as HT): ♂, India, Uttar Pradesh, Dehra Dun; BMNH.
Liorhyssus hyalinus var. *pallidus* Mancini, 1935: 79. HT: LB, Fezzan, Murzuk.
Distr. EU: AL AU BE BH BU BY CR CZ EK ET FR GB GE GR HU IR IT LS MA MC MD NL PO RO RU (NT? ST) SK SL SP SV UK YU. **NA:** AG AZ CI EG LB MO MR TU. **AS:** AB AF AK AR AT CH (CE NE NO NW SE SW WP) CY GG IN IQ IS JA JO KI KO KU LE MG OM RU (ES FE WS) SA SI SY TD TM UZ YE. **EL:** all Regions.
Ref.: Parshad, 1957a (chrom.).
Note: Records from BE BY GB IR LS SV and RU (NT) probably refer to migrants or temporary populations. A presumed ST of *Corizus capensis* in ZMAS belongs to *Liorhyssus natalensis* (Stål, 1855).

***Liorhyssus natalensis* (Stål, 1855)**

Corizus natalensis Stål, 1855a: 31. LT (Göllner-Scheiding, 1976: 197): ♀, South Africa; NHRS.
Corizus puncticornis Stål, 1855a: 32 (syn. Stål, 1865a: 118). LT (Göllner-Scheiding, 1976: 197, as HT): ♀, South Africa; NHRS.
Distr. AS: YE. **EL:** tropical Africa.
Note: Records from CI and EG probably refer to *L. hyalinus*. The record from CI by Noualhier (1893: 9) was tentatively referred to *L. hyalinus* by Lindberg (1953: 53), but was still catalogued under *L. natalensis* by Göllner-Scheiding (1983: 66).

***Liorhyssus rubicundus* (Signoret, 1859)**

Corizus rubicundus Signoret, 1859: 86. STS: ♂, ♀, Ceylon [= Sri Lanka]; NHRS (1 ST).
Corizus javanensis Signoret, 1859: 90 (syn. Göllner-Scheiding, 1976: 198). LT (Göllner-Scheiding, 1976: 199, as HT): ♂, Indonesia, Java; NHMW.
Corizus robinsoni Distant, 1903a: 246 (syn. Göllner-Scheiding, 1976: 199). LT (Göllner-Scheiding, 1976: 199): ♂, Thailand, Jalor [= Yala]; BMNH.
Corizus macropictus Distant, 1918: 169 (syn. Göllner-Scheiding, 1976: 199). LT (Göllner-Scheiding, 1976: 199): ♀, S India, Chikkaballapura [= Chikballapur]; BMNH.
Corizus multimaculatus Distant, 1918: 170 (syn. Göllner-Scheiding, 1976: 199). LT

(Göllner-Scheiding, 1976: 199, as HT): ♀, S India, Chikkaballapura [= Chikballapur]; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Note: Citation of HT of *C. rubicundus* by Göllner-Scheiding (1976: 199) does not constitute LT designation, as the species was described from a male and a female (Code, Art. 74.5).

Genus *Maccevethus* Dallas, 1852

Maccevethus Dallas, 1852a: 520, 524. Type species by monotypy: *Lygaeus errans* Fabricius, 1794.

Ref.: Wagner, 1953a; Josifov, 1966; Moulet, 1994; Kerzhner, 1998.

***Maccevethus corsicus corsicus* Signoret, 1862**

Maccevethus corsicus Signoret, 1862: 376. LT (Göllner-Scheiding, 1983: 158, as HT): ♂, FR, Corsica; NHMW.

Maccevethus lutheri Wagner, 1953a: 388 (syn. Josifov, 1966: 61). HT (see Aukema & Kerzhner, 2005: 70): ♂, RU (ST), Novorossiysk; ZMUH.

Distr. EU: AL BU CR ET FR GR IT MA MC RU (ST) SK SP UK. **AS:** AB AR AT CY GG IN IQ IS LE.

Note: Intermediates between this and subspecies *persicus* Jakovlev, 1882 reported by Moulet (1994) are mostly typical *M. corsicus corsicus* and partly *M. errans errans* (see Kerzhner, 1998).

***Maccevethus corsicus persicus* Jakovlev, 1882**

Maccevethus persicus Jakovlev, 1882a: 354 (downgraded by V.G. Putshkov & Kerzhner, 1983: 81). LT (Josifov, 1966: 59): ♂, IN, Shahkuh; ZMAS.

Distr. AS: AF IN MG TD TM UZ.

***Maccevethus errans errans* (Fabricius, 1794)**

Lygaeus errans Fabricius, 1794: 152. STS: ♀, NA, “Barbaria”; ZMUC.

Cymus baeticus Rambur, 1839: 141 (syn. Baerensprung, 1860: 7). LT (Göllner-Scheiding, 1983: 159): ♂, SP, Grenada; BMNH.

Maccevethus lineola var. *ruficornis* Reuter, 1900b: 242, 1900a: 277 (syn. Horváth, 1901a: 474). STS: AG, Oran (Saïda) and Constantine.

Maccevethus angustus Wagner, 1949a: 192 (syn. Josifov, 1966: 61). HT (see Aukema & Kerzhner, 2005: 69): ♂, SP, Murcia, Totana; ZMUH.

Distr. EU: CR FR SP. **NA:** AG MO TU. **AS:** AT.

***Maccevethus errans caucasicus* (Kolenati, 1845)**

?*Cimex lineola* Fabricius, 1787: 302 (junior primary homonym of *Cimex lineola* Linnaeus, 1758, *Cimex lineola* Sulzer, 1776 and *Cimex lineola* Fabricius, 1781; syn. Horváth, 1901a: 474). LT (Göllner-Scheiding, 1983: 156, as HT): ♀, no data (see note); ZMUC.

?*Cimex sanctaecrucis* Gmelin, 1790: 2178. New name for *lineola* Fabricius, 1787.

?*Cimex lineolaris* Turton, 1802: 664. New name for *lineola* Fabricius, 1787.

Corizus caucasicus Kolenati, 1845: 59 (downgraded by V.G. Putshkov & Kerzhner, 1983: 81). LT (V.G. Putshkov & Kerzhner, 1983: 81): ♂, no data (Caucasus); ZMAS.

?*Maccevethus lineola* var. *chobauti* Horváth, 1895a: 155 (syn. Josifov, 1966: 61, suspected). HT: ♀, FR, Morières nr Avignon.

Stictopleurus elongatus Blöte, 1934: 263 (syn. Göllner-Scheiding, 1975: 22). HT: ♂, LE, Zahlah; RMNH.

?*Maccevethus lineola* f. *macedonica* Kormilev, 1936: 31, 39, 54 (syn. Josifov, 1966: 61, suspected). HT: MC, Štip; Natural History Museum, Belgrade, YU.
Maccevethus houskai Hoberlandt, 1952: 15 (syn. Josifov, 1966: 61). HT: ♂, IS, Jerusalem; NMPC.
Distr. EU: BH BU CR EK ET FR GR HU IT MC RO RU (ST) SL SK SP. **AS:** AB AF AK AR AT CH (NW) GG KI IN IQ IS JO LE SY TD TM UZ.
Note: Fabricius (1787: 302) cited the type locality of *Cimex lineola* as “Insula St. Crucis Americae”, now Saint-Croix, Virgin Is, presumably in error.

Genus *Rhopalus* Schilling, 1827

Rhopalus Schilling, 1827: 22. Type species by subsequent designation (Westwood, 1840a: 123): *Lygaeus capitatus* Fabricius, 1794 (= *Cimex subrufus* Gmelin, 1790).
Ref.: Göllner-Scheiding, 1978b (syst., key); Q.A. Liu & L.Y. Zheng, 1989 (review of Chinese spp.).

Subgenus *Aeschyntelus* Stål, 1872

Aeschyntelus Stål, 1872a: 55 (as subgenus of *Rhopalus*). Type species by subsequent designation (Reuter, 1888a: 403): *Corizus maculatus* Fieber, 1837.

Rhopalus kerzhneri Göllner-Scheiding, 1984

Rhopalus (Aeschyntelus) kerzhneri Göllner-Scheiding, 1984a: 118. HT: ♂, CH (SW), Sichuan, Ta-tsien-lu [= Kangding]; ZMAS.
Distr. AS: CH (SW WP).
Ref.: Q.A. Liu & L.Y. Zheng, 1989 (distr.).

Rhopalus latus (Jakovlev, 1883)

Corizus latus Jakovlev, 1883a: 109. LT (Josifov & Kerzhner, 1978: 157): ♀, RU (FE), Raddevka [= Radde]; ZMAS.
Rhopalus (Aeschyntelus [sic]) angularis Reuter, 1888b: 67 (syn. Josifov & Kerzhner, 1978: 157). ST(S): CH (NO), Pekin [= Beijing]; MNHN.
Rhopalus (Aeschyntelus [sic]) robustus Reuter, 1891a: 179 (syn. Jakovlev, 1903a: 321, suspected; Horváth, 1907a: 301). HT: RU (ES), Krasnoyarsk Terr., Ostnatjennaja [= Oznachennaya]; MZHF (lost?).
Corizus reuteri Lethierry & Severin, 1894: 119. New name for *Rhopalus robustus* Reuter, 1891 because of secondary homonymy with *Corizus robustus* Westwood, 1842.
Aeschyntelus notatus Hsiao, 1963a: 330, 343 (syn. Josifov & Kerzhner, 1978: 158, as probably a subspecies; Göllner-Scheiding, 1983: 95). HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.
Distr. AS: AK CH (CE NE NO SW WP) JA KO RU (ES FE WS).

Rhopalus maculatus (Fieber, 1837)

Coreus crassicornis Latreille, 1804: 205 (junior secondary homonym of *Cimex crassicornis* Linnaeus, 1758; syn. Reuter, 1888a: 172). ST(S): FR.
Coreus clavicornis Boitard, 1828: 123 (junior primary homonym of *Coreus clavicornis* Fabricius, 1803). New name for *crassicornis* Latreille, 1804.
Corizus maculatus Fieber, 1837: 349. STS: AU (in particular Styria) and CZ (Bohemia).
Corizus maculatus Herrich-Schaeffer, 1840b: 2 (syn. Fieber, 1861: 235). STS: CZ, IT (Sicily), and SZ.

Rhopalus chinensis Dallas, 1852a: 529 (syn. Josifov & Kerzhner, 1978: 156). LT (Göllner-Scheiding, 1978b: 325, as HT): ♂, CH; BMNH.
Corizus ledi Boheman, 1852: 51 (syn. Baerensprung, 1858a: 79). STS: ♂, ♀, SV, Anneberg in Småland and Stockholm; NHRS.
Corizus meridionalis Jakovlev, 1869: 116 (syn. Jakovlev, 1877b: 273, as var.). ST(S): RU (ST), Astrakhan; lost?
Rhopalus maculatus decolor Wagner, 1962a: 15 (syn. V.G. Putshkov, 1986: 54). HT (see Aukema & Kerzhner, 2005: 69): ♂, AT, Elâziğ, Sivrice; ZMUH.
Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AF AK AR AT CH (CE NE NO NW SE SW WP) GG IN IQ JA KI KO MG RU (ES FE WS). **EL:** Vietnam.
Note: *Coreus crassicornis* Latreille, 1804: 205 (sp. 9) and *Coreus crassicornis* Latreille, 1804: 206 (sp. 11) are different species. The former was re-named by Latreille (1804: 416) with the vernacular name “coré clavicorne”, subsequently latinized to *Coreus clavicornis* Boitard, 1828, apparently to avoid secondary homonymy with *Cimex crassicornis* Linnaeus, 1758, which is probably Latreille’s sp. 11. *Coreus crassicornis* is neither a primary homonym in *Coreus* nor a secondary homonym in *Rhopalus*. *Coreus clavicornis* Boitard, 1828 is a primary homonym of *Coreus clavicornis* Fabricius, 1803, although Fabricius replaced this name in the same work (see *Strobilotoma typhaecornis* (Fabricius, 1803)). *Corizus maculatus* Herrich-Schaeffer, 1840 appears to be founded independently of *Corizus maculatus* Fieber, 1837. *Rhopalus maculatus decolor* was redescribed as new by Wagner (1965a).

***Rhopalus nigricornis* (Hsiao, 1965)**

Aeschyntelus nigricornis Hsiao, 1965b: 428, 434. HT: ♂, CH (SW), Yunnan, Kunming, 2270B2700 m; NKUM.
Aeschyntelus bicolor Hsiao, 1965b: 429, 434 (syn. Q.A. Liu & L.Y. Zheng, 1989: 273, 276). HT: ♂, CH (SW), Sichuan, Jin-chuan county, 2000B2300 m; TMNH.
Distr. AS: CH (SW). **EL:** Vietnam.

***Rhopalus sapporensis* (Matsumura, 1905)**

Corizus sapporensis Matsumura, 1905a: 17. LT (Göllner-Scheiding, 1978b: 326, as HT; V.G. Putshkov, 1986: 56): ♂, JA, Hokkaido, Sapporo; EIHU.
Rhopalus maculatus var. *umbratilis* Horváth, 1917b: 378 (syn. Josifov & Kerzhner, 1978: 157). LT (Josifov & Kerzhner, 1978: 157, as “typ.”): ♀, RU (FE), Ussuri; HNHN.
Corizus sparsus Blöte, 1934: 260 (syn. Josifov & Kerzhner, 1978: 157). HT: ♀, CH (CE), Jiangxi, Pingshiang [= Pingxiang]; RMNH.
Aeschyntelus communis Hsiao, 1963a: 330, 343 (syn. Hsiao, 1965a: 49, 59, 64, with *sparsus*; Josifov & Kerzhner, 1978: 157). HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.
Distr. AS: CH (CE NE NO NW SE SW WP) JA KO RU (FE). **EL:** Vietnam.
Ref.: Kulik, 1973 (biol.).

***Rhopalus tibetanus* Q.A. Liu & L.Y. Zheng, 1989**

Rhopalus (Aeschyntelus) tibetanus Q.A. Liu & L.Y. Zheng, 1989: 274, 276. HT: ♂, CH (WP), Xizang, Shannan; NKUM.
Distr. AS: CH (WP).

Subgenus *Rhopalus* Schilling, 1827

***Rhopalus conspersus* (Fieber, 1837)**

Corizus conspersus Fieber, 1837: 350. LT (Štys in Göllner-Scheiding, 1978b: 320, as *guttatus*): ♀, CZ, Prague; NHMW.

Corizus guttatus Signoret, 1859: 83. Lapsus for *Corizus conspersus* Fieber, 1837.

Distr. EU: AN AU BE BH BU BY CR CZ FI FR GE GR HU? IT LS LT LU MC MD RO RU (CT NT ST) SK SL SP SZ UK YU. **AS:** AB AK AR AT GG IN KI MG? RU (ES WS).

Note: Ribaut (1929: 229) and some later authors consider *Rhopalus distinctus* (Signoret, 1859) to be a synonym of this species.

***Rhopalus distinctus* (Signoret, 1859)**

?*Cimex nervosus* Scopoli, 1763: 129 (syn. Reuter, 1888a: 173, suspected). ST(S): SL?, “Carniola”; lost.

?*Cimex trinervis* Gmelin, 1790: 2182. Unnecessary new name for *nervosus* Scopoli, 1763.

Corizus distinctus Signoret, 1859: 83. LT (Kerzhner, 1976: 33): ♀, FR, La Teste, Toulouse or Bourray [only “Gallia” on label]; NHMW.

Corizus lividus Ribaut, 1929: 232 (syn. Kerzhner, 1972a: 353). HT: FR, Banyuls-sur-mer; MNHN.

Rhopalus (Rhopalus) albicarinus Q.A. Liu & Nonnaizab in Nonnaizab, 1988: 282 (syn. Kerzhner, 2003a: 103). HT: ♂, CH (NO), Inner Mongolia, Yanchabu league, Zhou-zhi county; Normal University of Inner Mongolia, Huhehot, CH.

Distr. EU: AN AU BH BU CR CZ ET FR GE GR IT MC MD PO RO RU (ST) SK SP UK YU. **NA:** MO? **AS:** AB AF AK AR AT CH (NO NW) IN KI MG RU (ES FE WS) UZ.

Note: Ribaut (1929: 229) and some later authors consider this species to be a synonym of *Rhopalus conspersus* (Fieber, 1837). *Cimex nervosus* Scopoli, 1763 was synonymized with *Corizus capitatus* (Fabricius, 1794) (= *Rhopalus subrufus* (Gmelin, 1790)) by Herrich-Schaeffer (1853b: 55) and Signoret (1859: 82).

***Rhopalus lepidus* Fieber, 1861**

Rhopalus lepidus Fieber, 1861: 234. ST(S): FR, Corsica.

Distr. EU: AU BU FR GR IT MA PO SL SP UK YU. **NA:** AG MO TU. **AS:** AB AT CH (NE) IN KI TD.

Note: V.G. Putshkov (1986) and some earlier authors considered this species to be a form of *Rhopalus parumpunctatus* Schilling, 1829.

***Rhopalus parumpunctatus* Schilling, 1829**

Rhopalus parumpunctatus Schilling, 1829 (post Febr.): 53. STS: PL, Silesia; lost.

Corizus pratensis Fallén, 1829 (23 May): 42 (syn. Burmeister, 1835: 307, with *pratensis* as senior; Hahn, 1835b: 4, with *parumpunctatus* as senior). STS: ♂, ♀, SV, various localities; MZLU.

Corizus parumpunctatus var. *subspeciosa* Schumacher, 1914: 235. STS: GE, lower Elbe, various localities.

Corizus parumpunctatus f. *extrema* Priesner, 1926: 172. STS: ♂, AU, Marchtrenk; OLML.

Rhopalus parumpunctatus f. *singeri* Wagner, 1939a: 93. HT (see Aukema & Kerzhner, 2005: 70): ♂, GE, Hamburg, Boberg; ZMUH.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IR? IT LA LS LT LU MC MD NL NR PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG CI MO. **AS:** AB AF AK AR AT CH (NE NO NW) CY GG IN

JO KI KO MG RU (ES FE WS) SY TD UZ.

Note: V.G. Putshkov (1986) and some earlier authors considered *Rhopalus lepidus* Fieber, 1861 and *Rhopalus rufus* Schilling, 1829 to be forms of this species.

***Rhopalus rufus* Schilling, 1829**

Rhopalus rufus Schilling, 1829: 52. ST(S): PL, Silesia; lost.

Distr. EU: AU BU BY CR CZ FR GB GE GR HU IT LU MC PO SK SL SP SZ UK YU. **NA:** AG AZ TU. **AS:** AT IS JO LE.

Note: V.G. Putshkov (1986) and some earlier authors considered this species to be a form of *Rhopalus parumpunctatus* Schilling, 1829. According to Josifov (1986a: 87) all records from the Balkan Peninsula refer to *Rhopalus lepidus*.

***Rhopalus subrufus* (Gmelin, 1790)**

Cimex glutinosae Schrank, 1785: 339 (nomen oblitum; syn. V.G. Putshkov & Kerzhner, 1983: 81). ST(S): GE, Bavaria, Berchtesgaden; lost.

Cimex subrufus Gmelin, 1790: 2168. For *Cimex* no. 119 in Zschach, 1788: 120. ST(S): EU; lost.

Lygaeus capitatus Fabricius, 1794: 169 (syn. Wolff, 1801: 75). LT (Göllner-Scheiding, 1983: 92): GE, Kiel; ZMUC.

Lygaeus magnicornis Fabricius, 1794: 168 (syn. Göllner-Scheiding, 1975: 13). LT (Göllner-Scheiding, 1975: 13): NA, “Barbaria”; ZMUC.

Rhopalus mavromaustakisi Wagner, 1967: 61 (syn. Göllner-Scheiding, 1978b: 322). HT (see Aukema & Kerzhner, 2005: 70): ♂, CY, Kalopanyiotis; ZMUH.

Distr. EU: AL AN AU BE BU BY CR CZ DE EN ET FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG LB MO. **AS:** AB AF AK AR AT CH (NW) CY GG IN IQ IS KI LE MG? RU (ES WS) SY UZ.

Genus *Stictopleurus* Stål, 1872

Stictopleurus Stål, 1872a: 55. Type species by subsequent designation (Oshanin, 1912: 25): *Cimex crassicornis* Linnaeus, 1758.

Ref.: Göllner-Scheiding, 1975 (rev.); Q.A. Liu & L.Y. Zheng, 1993 (rev. Chinese spp.); V.G. Putshkov, 1978 (syst.); V.G. Putshkov & Kerzhner, 1983 (syst.).

***Stictopleurus abutilon* (Rossi, 1790)**

Cimex abutilon Rossi, 1790: 242. ST(S): IT, Tuscany; lost.

Corizus substriatus Burmeister, 1835: 306 (syn. Signoret, 1859: 77). LT (Göllner-Scheiding, 1983: 138, as HT): ♀, PO (“Lusit.”); ZMHB.

Rhopalus abutilon var. *flavescens* Fieber, 1861: 233. ST(S): EU.

Rhopalus (Rhopalus) signoreti Mulsant & Rey, 1870: 113, 118 (syn. Puton, 1872: 312). ST(S): FR.

Distr. EU: AL AN AU BE BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA LS LT LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG MO MR TU. **AS:** AB AF AK AR AT CH (NW) CY GG IN IQ IS KI LE MG RU (ES WS) SY TD TM UZ.

Note: V.G. Putshkov (1986) and many earlier authors treated *Stictopleurus pictus* (Fieber, 1861) as a subspecies (or variety) of this species.

***Stictopleurus angustus* Reuter, 1900**

Stictopleurus angustus Reuter, 1900a: 276. LT (Göllner-Scheiding, 1975: 16, as

Typus; 1983: 139, as HT): ♂, UZ, “Desertum Golodnoje” [= Gulistan]; MZHF.

Stictopleurus rubrinervis Kiritschenko, 1914a: 401 (syn. Seidenstücker, 1968a: 219).

- LT (V.G. Putshkov & Kerzhner, 1983: 81): ♂, UZ, Termez; ZMAS.
Distr. AS: AF AK AT IN IQ KI TD TM UZ.
Note: Records from IS and SI probably refer to *Stictopleurus ribauti* Vidal, 1952 (Göllner-Scheiding, 1983: 140).
- Stictopleurus crassicornis* (Linnaeus, 1758)**
Cimex crassicornis Linnaeus, 1758: 448. LT (Göllner-Scheiding, 1975: 9): ♀, EU; LSUK.
Cimex alatus O.F. Müller, 1776: 106 (syn. Reuter, 1888a: 170). ST(S): DE; lost.
Coreus cellulatus Brullé, 1832: 72 (syn. Reuter, 1888a: 170). STS: GR (Morea) and FR (Paris).
Coreus panzeri Dufour, 1833: 166 (syn. A. Costa, 1843: 30). STS: FR.
Rhopalus crassicornis var. *griseus* Fieber, 1861: 233. ST(S): EU.
Rhopalus crassicornis var. *maculatus* Fieber, 1861: 234. ST(S): EU.
Corizus crassicornis var. *pictus* Horváth, 1878: 76 (junior secondary homonym of *Rhopalus abutilon* var. *pictus* Fieber, 1861). HT: ♂, AB, Baku Prov.
Corizus abutilon var. *umbrinus* Rey, 1887a: 2 (syn. Rey, 1888: 98, as var. of *crassicornis*). ST(S): FR.
Corizus crassicornis var. *anticus* Rey, 1888: 97.
Corizus crassicornis var. *maculicollis* Rey, 1888: 97.
Stictopleurus mixtus Ribaut, 1921: 308 (syn. Lindberg, 1925: 3). LT (Moulet, 1991: 61): ♂, FR, Saint-Béat; MNHN.
Stictopleurus crassicornis f. *immaculata* Tamanini, 1951: 88. HT: IT, Rovereto; MCRI.
Stictopleurus crassicornis f. *virgata* Stichel, 1960a: 431. New name for var. *pictus* Horváth, 1878.
Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN FI FR GE HU IT LA LS LT LU MA MC MD NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AF AK AR AT CH (NO NW) GG IN IS KI KO LE MG RU (ES FE WS).
- Stictopleurus minutus* Blöte, 1934**
Stictopleurus minutus Blöte, 1934: 264. HT: ♂, CH (NO), Tschili [= Hebei]; RMNH.
Distr. AS: CH (CE NE NO NW SE SW WP) JA KO MG TA.
Ref.: Q.A. Liu & L.Y. Zheng, 1993.
Note: This species was treated as a subspecies of *Stictopleurus punctatonevrosus* (Goeze, 1778) by Josifov & Kerzhner (1978: 159) and as a synonym of it by V.G. Putshkov (1978: 10) but was reinstated as a full species by Q.A. Liu & L.Y. Zheng (1993: 158).
- Stictopleurus murinus* V.G. Putshkov, 1978**
Stictopleurus murinus V.G. Putshkov, 1978: 15. HT: ♂, AK, Zhezkazgan Prov., Koksengir Hills; UASK.
Distr. AS: AK CH (NW) KI MG TD UZ.
Ref.: V.G. Putshkov, 1986.
- Stictopleurus pictus* (Fieber, 1861)**
Rhopalus abutilon var. *pictus* Fieber, 1861: 233 (upgraded by Ribaut, 1929: 227). ST(S): IT.
Corizus limbatus Rey, 1887a: 2 (syn. Royer, 1924a: 118). ST(S): FR.
Stictopleurus abutilon pictus f. *pallida* Tamanini, 1951: 83, 89 (unavailable as quadrimen; junior secondary homonym of *Rhopalus pallidus* J. Sahlberg, 1878). HT: ♂, IT, Marche, S. Vittore, Genga; MCRI.

Stictopleurus abutilon pictus f. *tamaninii* Stichel, 1961: 720 (unavailable as quadrimen). New name for f. *pallida* Tamanini, 1951.

Distr. EU: AL AU AN BH BU CR CZ FR GE GR IT MA MC PO RO SK SL SP SV? YU. **NA:** CI LB MO MR TU. **AS:** IN IQ IS JO SY.

Note: Tamanini (1951) and V.G. Putshkov (1986) treated this species as a subspecies of *Stictopleurus abutilon* (Rossi, 1790) but Göllner-Scheiding (1975, 1983), Q.A. Liu & L.Y. Zheng (1993) and Moulet (1995a) treated it as a full species.

***Stictopleurus punctatonervosus* (Goeze, 1778)**

Cimex punctatonervosus Goeze, 1778: 265. For *Cimex* no. 25 in Geoffroy, 1762: 448. ST(S): FR, Paris; lost.

Cimex sabulosus Geoffroy, 1785: 202. Objective synonym of *punctatonervosus* Goeze, 1778).

Cimex subfuscus Gmelin, 1790: 2184. Objective synonym of *punctatonervosus* Goeze, 1778).

Stictopleurus viridescens Lindberg, 1934a: 19 (syn. Göllner-Scheiding, 1975: 34). HT: ♀, CH (NO), S Gansu; NHRS.

Stictopleurus punctatonervosus f. *virescens* Tamanini, 1951: 77, 87. HT: ♀, IT, Rovereto; MCRI.

Stictopleurus lauterbachii Rieger, 1971: 97 (syn. Göllner-Scheiding, 1975: 34). HT: ♂, SP, Barcelona, Callela; coll. Rieger, Nürtingen, GE.

Distr. EU: AL AU BE BU BY CR CZ EK EN FI FR GB GE GR HU IT LA LS LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG? **AS:** AB AK AR GG IN JA KI KO MG RU (ES FE WS) SY TD TM UZ.

Note: *Stictopleurus minutus* Blöte, 1934 was treated as a subspecies of this species by Josifov & Kerzhner (1978: 159) and as a synonym of it by V.G. Putshkov (1978: 10) but was reinstated as a full species by Q.A. Liu & L.Y. Zheng (1993: 158). Records for *S. punctatonervosus* from eastern Asia may refer to *minutus*.

***Stictopleurus ribauti* Vidal, 1952**

Stictopleurus ribauti Vidal, 1952: 59. STS: ♂, ♀, MO, Sahara, Tatta; Institut Scientifique Chérifien, Rabat.

Distr. EU: SP. **NA:** AG MO TU. **AS:** IN IQ IS JO SA SI.

***Stictopleurus ribesi* Göllner-Scheiding, 1975**

Stictopleurus ribesi Göllner-Scheiding, 1975: 41. HT: ♂, CI, Tenerife, Llano los Loros; coll. Ribes, Barcelona, SP.

Distr. NA: CI LB MO.

***Stictopleurus sericeus* (Horváth, 1896)**

Corizus sericeus Horváth, 1896a: 323. LT (Blöte, 1934: 265, as HT): ♂, EK, Uralsk Prov., Indersk [= Gory]; RMNH.

Distr. EU: EK RU (ST). **AS:** AB AK CH (NO) IN MG RU (ES FE WS) UZ.

***Stictopleurus sichuanensis* Q.A. Liu & L.Y. Zheng, 1993**

Stictopleurus sichuanensis Q.A. Liu & L.Y. Zheng, 1993: 162, 166. HT: ♂, CH (SW), Sichuan, Zoige, Dagcagoin, 3300 m; NKUM.

Distr. AS: CH (SW).

***Stictopleurus subtomentosus* (Rey, 1888)**

Corizus subtomentosus Rey, 1888: 99. LT (Moulet, 1991: 62): ♀, no data; MHNL.

Stictopleurus riveti Royer, 1923a: 247 (syn. Göllner-Scheiding, 1975: 42, suspected; Moulet, 1991: 62). LT (Moulet, 1991: 61): ♂, GR, Macedonia, Florina,

Arménohor; MNHN.

Stictopleurus parvus Lindberg, 1948: 84 (syn. Tamanin, 1951: 90, with *riveti*, suspected; Moullet, 1991: 62). HT: ♂, CY, Paphos, Ayios Neophytos; MZHF.
Stictopleurus riveti f. *flaveola* Tamanini, 1951: 90. HT: ♀, IT, Alessano di Puglia; MCRI.

Distr. EU: BU CZ? EK FR GR HU IT MC PO RO RU (ST) SK SP UK. **NA:** AG CI EG LB MO TU. **AS:** AB AK AR AT CY IN IQ IS JO KI SI SY TD TM UZ.

***Stictopleurus subviridis* Hsiao, 1977**

Stictopleurus subviridis Hsiao, 1977a: 264, 304. HT: ♂, CH (SW), Sichuan, Xiao-jin county, Liang-he-kou, 3200 m; NKUM.

Distr. AS: CH (NO SW WP?).

***Stictopleurus synavei* Göllner-Scheiding, 1975**

Stictopleurus synavei Göllner-Scheiding, 1975: 47. HT: ♂, SP, Madrid; ISNB.

Distr. EU: SP. **NA:** CI.

***Stictopleurus unicolor* (Jakovlev, 1873)**

Rhopalus unicolor Jakovlev, 1873: 40. LT (Göllner-Scheiding, 1975: 50): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Distr. EU: EK RU (CT ST) UK. **AS:** AB AK AR AT.

***Stictopleurus viridicatus* (Uhler, 1872)**

Corizus viridicatus Uhler, 1872: 404. STS: USA (Colorado, Nebraska, Dakota); USNM (1 ST: Colorado).

Rhopalus (Stictopleurus) pallidus J. Sahlberg, 1878a: 17 (syn. Göllner-Scheiding, 1975: 29, with *nysioides*). LT (Göllner-Scheiding, 1975: 29, as HT; V.G. Putshkov, 1986: 81): ♀, RU (ES), Krasnoyarsk; NHRS.

Rhopalus (Stictopleurus) nysioides Reuter, 1891a: 178 (syn. V.G. Putshkov, 1978: 9, 12). LT (Göllner-Scheiding, 1975: 29, as HT): ♂, RU (ES), Krasnoyarsk Terr., Verkhnesuetuk; MZHF.

Corizus novaeboracensis var. *pallidus* Baker, 1908: 243 (junior secondary homonym of *Rhopalus pallidus* J. Sahlberg, 1878a; syn. Harris, 1944: 103). STS: USA, Colorado to Nevada; USNM.

Distr. EU: EK RU (CT ST) UK. **AS:** AB AK AR CH (NE NO NW) GG KI KO MG RU (ES FE WS) TD TM UZ. **EL:** Nearctic Region.

Tribe CHOROSOMATINI Fieber, 1860

CHOROSOMATINI Fieber, 1860: 58 (Chorosomida). Type genus: *Chorosoma* Curtis, 1830.

MYRMINI Stål, 1872a: 56 (Myrmaria; syn. implied Stål, 1872a: 56). Type genus: *Myrmus* Hahn, 1832.

Note: By including *Chorosoma* Curtis, 1830 in his new tribe Myrmaria, Stål (1872a: 56) implied its synonymy with Chorosomida.

Genus *Agraphopus* Stål, 1872.

Agraphopus Stål, 1872a: 55. Type species by monotypy: *Agraphopus lethierryi* Stål, 1872.

Ref.: Göllner-Scheiding, 1977 (rev.).

Note: Some authorities (V.G. Putshkov & Kerzhner, 1983; V.G. Putshkov, 1986) treat *Leptoceraea* Jakovlev, 1873 as a subgenus of *Agraphopus* Stål, 1872.

***Agraphopus lethierryi* Stål, 1872**

Agraphopus lethierryi Stål, 1872a: 56. ST(S): ♂, AG, Bône; MNHN?

Agraphopus ornatulus Jakovlev, 1880a: 213 (syn. Kerzhner & Jaczewski, 1964: 820).

LT (V.G. Putshkov & Kerzhner, 1983: 81): ♀, RU (ST), Dagestan, Petrovsk
[= Makhachkala]; ZMAS.

Agraphopus virescens Reuter, 1900a: 278 (syn. Kerzhner, 1972a: 357). LT (Kerzhner, 1972a: 357, as HT): ♂, AK, South Kazakhstan Prov., Turkestan; MZHF.

Agraphopus orientalis Distant, 1918: 172 (syn. Göllner-Scheiding, 1977: 230). STS:
India, N Bengal (Purneah Distr., Katihar) and Pusa; BMNH.

Agraphopus sjoestedti var. *pallenscens* Schouteden, 1938: 304 (syn. Göllner-Scheiding, 1977: 230). HT: ♀, Democratic Republic of Congo, Plaine d'Uvira; MRAC.

Distr. EU: AL BU CR ET FR GR IT MA MC PO RO RU (ST) SP UK. **NA:** AG EG LB MO TU. **AS:** AB AF AK AR AT CY GG IN IQ IS KI OM SA SY TD TM UZ YE. **EL:** tropical Africa, Oriental Region.

***Agraphopus mongolicus* Jakovlev, 1889**

Agraphopus mongolicus Jakovlev, 1889b: 237. HT: ♀, CH (NW), Xinjiang, oasis of Niya [= Minfeng] and Keriya [= Yutian]; ZMAS.

Agraphopus majorinus Lindberg, 1934a: 20 (syn. Kerzhner, 1972a: 357). HT: ♀, CH (NW), probably valley of river Edsin-gol; NHRS.

Distr. AS: CH (NW) MG.

***Agraphopus suturalis* Reuter, 1900**

Agraphopus suturalis Reuter, 1900a: 278. LT (Kerzhner, 1972a: 357, as HT): ♂, TM, Repetek; MZHF.

Agraphopus dumonti Bergevin, 1933: 112 (syn. Göllner-Scheiding, 1977: 235). HT: ♀, TU, Tozeur; MNHN.

Agraphopus pallens K. Schmidt, 1939a: 15 (syn. Kerzhner, 1972a: 357). STS: ♂, ♀, EG, Meadi; OLML.

Distr. NA: AG CI! EG LB TU. **AS:** AF AK IN IQ IS JO SA SI TD TM UZ. **EL:** Sudan.

***Agraphopus yunnanus* Hsiao, 1965**

Agraphopus yunnanus Hsiao, 1965b: 428, 433. HT: ♀, CH (SW), Yunnan, Meng-shi, 900 m; IZAS.

Distr. AS: CH (SW).

Note: Synonymy with *A. lethierryi* suspected by V.G. Putshkov (1986: 98).

Genus *Chorosoma* Curtis, 1830

Chorosoma Curtis, 1830: pl. 297 and legend. Type species by original designation:

Chorosoma arundinis Curtis, 1830 (= *Rhopalus schillingii* Schilling, 1829).

Ref.: Martynova, 1975 (syst.).

***Chorosoma brevicolle* Hsiao, 1964**

Chorosoma brevicolle Hsiao, 1964a: 253, 260. HT: ♂, CH (NW), Xinjiang, Ning-xi, Cha-bu-cha-er; IZAS.

Distr. AS: CH (NO NW).

Note: Martynova (1975: 81) and V.G. Putshkov (1986: 118) suspected synonymy of this species with *Chorosoma macilentum* Stål, 1858.

***Chorosoma gracile* Josifov, 1968**

Chorosoma gracile Josifov, 1968: 255. LT (Göllner-Scheiding, 1983: 119, as HT;

V.G. Putshkov, 1986: 114): ♂, BU, Dikili-Tasch, 30 km W of Varna; ZISB.
Distr. EU: AU BU CZ HU MD RU (CT ST) SK UK YU. **AS:** AB AF AK AR AT
GG IN KI MG RU (WS) TD TM UZ.

***Chorosoma longicolle* Reuter, 1900**

Chorosoma longicolle Reuter, 1900a: 279. LT (Göllner-Scheiding, 1983: 119): ♂, TM, Repetek; MZHF.

Distr. AS: AK TD TM UZ.

***Chorosoma macilentum* Stål, 1858**

Chorosoma macilentum Stål, 1858a: 179. LT (Göllner-Scheiding, 1983: 119, as HT): ♀, RU (FE), Irkutsk; NHRS.

Distr. AS: AK CH (NO NW) MG RU (ES FE WS).

Note: Martynova (1975: 81) and V.G. Putshkov (1986: 118) suspected synonymy of *Chorosoma brevicolle* Hsiao, 1964 with this species.

***Chorosoma schillingii* (Schilling, 1829)**

Rhopalus schillingii Schilling, 1829: 55. HT: PL, Silesia; lost.

Chorosoma arundinis Curtis, 1830: pl. 297 and legend (syn. Burmeister, 1835: 312). ST(S): GB, Great Yarmouth; MVMA?

Chorosoma punctipes Fieber, 1870: 257 (syn. Stichel, 1961: 722, as var.). ST(S): ♂, GE, Mecklenburg.

Chorosoma schillingii var. *nigrescens* Cohrs, 1934: 158. STS: ♀, GE, central Saxony.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT
LA LT MC MD NL NR PL PO RO RU (CT ST) SK SP SV UK YU. **NA:** AG MO
TU. **AS:** AB AK AR AT CY GG IN IQ IS KI MG RU (WS) TD.

Genus *Leptoceraea* Jakovlev, 1873

Leptoceraea Jakovlev, 1873: 38 (also as *Leptocerea* on p. 13). Type species by monotypy: *Leptoceraea viridis* Jakovlev, 1873.

Tuberculoceraea Ahmad & Kamaluddin, 1981: 135 (syn. Göllner-Scheiding, 1983: 108, as *Tuberculoceraea*). Type species by monotypy: *Tuberculoceraea ismatae* Ahmad & Kamaluddin, 1981 (= *Leptoceraea viridis* Jakovlev, 1873).

Ref.: Göllner-Scheiding, 1977 (rev.).

Note: V.G. Putshkov & Kerzhner (1983) and V.G. Putshkov (1986) treated this genus as a subgenus of *Agraphopus* Stål, 1872; Göllner-Scheiding (1977, 1983), Hsiao (1977a), Moulet (1995a) and Namyatova (2005) treated it as a full genus.

***Leptoceraea femoralis* (Horváth, 1897)**

Agraphopus femoralis Horváth, 1897a: 84. LT (Göllner-Scheiding, 1977: 247): ♂, AK, South Kazakhstan Prov., Turkestan; HNHM.

Distr. EU: FR GR SP. **NA:** EG TU. **AS:** AK AR CY IQ IS IN KU SA UZ.

Ref.: Namyatova, 2005 (distr., male genitalia).

Note: V.G. Putshkov (1986) treated this species as a synonym of *Leptoceraea viridis* Jakovlev, 1873, but Göllner-Scheiding (1977), Moulet (1995a) and Namyatova (2005) treated it as a valid species.

***Leptoceraea granulosa* Hsiao, 1965**

Leptoceraea granulosa Hsiao, 1965b: 427, 433. HT: ♂, CH (NW), Xinjiang, Turpan, 120 m; IZAS.

Distr. AS: CH (NW).

Note: V.G. Putshkov & Kerzhner (1983: 81) synonymized this species with

Leptoceraea viridis Jakovlev, 1873, together with *Agraphopus femoralis* Horváth, 1897.

***Leptoceraea viridis* Jakovlev, 1873**

Leptoceraea viridis Jakovlev, 1873: 39. LT (V.G. Putshkov & Kerzhner, 1983: 81): ♂, RU (ST), Astrakhan; ZMAS.

Tuberciloceraea ismatae Ahmad & Kamaluddin, 1981: 137 (syn. Göllner-Scheiding, 1983: 109). HT: ♂, Pakistan, Thatta; Natural History Museum, University of Karachi.

Distr. EU: RO RU (ST) UK. **NA:** AG EG. **AS:** AB AK AT CY IN IQ IS TD TM SY UZ. **EL:** Oriental Region (Pakistan).

Ref.: Namyatova, 2005 (distr., male genitalia).

Note: V.G. Putshkov (1986: 99) noted this as a very variable species, treating *Agraphopus femoralis* Horváth, 1897 and *Leptoceraea granulosa* Hsiao, 1965 as synonyms of it.

Genus *Myrmus* Hahn, 1832

Myrmus Hahn, 1832: 81. Type species by monotypy: *Coreus miriformis* Fallén, 1807.

Ref.: Kerzhner, 1966a (rev.).

***Myrmus calcaratus* Reuter, 1891**

Myrmus calcaratus Reuter, 1891a: 181. HT: ♂, RU (ES), Krasnoyarsk Terr., Osnatjennaja [= Oznachennaya] nr Minusinsk; MZHF.

Myrmus longiventris Horváth, 1896a: 324 (syn. Kerzhner & Jaczewski, 1964: 820). LT (Blöte, 1934: 269, as HT): ♂, KI, Alai; RMNH.

Myrmus hirsutus Jakovlev, 1903b: 191 (syn. Kerzhner & Jaczewski, 1964: 820). LT (V.G. Putshkov & Kerzhner, 1983: 81): ♀, UK, Crimea, Feodosia; ZMAS.

Myrmus varicornis Hsiao, 1964a: 253, 260 (syn. Kerzhner, 1966a: 586, suspected; Hsiao, 1977a: 267). HT: ♀, CH (NW), Xinjiang, Sha-te county, 1600 m; IZAS.

Distr. EU: EK RU (ST) UK. **AS:** AK CH (NW SW?) KI MG RU (ES WS).

***Myrmus glabellus* Horváth, 1901**

Myrmus glabellus Horváth, 1901b: 258. HT: ♂, RU (ES), Minusinsk; HNHM.

Myrmus tenuicornis Jakovlev, 1902: 337 (syn. Kerzhner, 1966a: 585). LT (V.G. Putshkov & Kerzhner, 1983: 82): ♀, MG, Khalkha-gol; ZMAS.

Distr. **AS:** AK CH (NO) MG RU (ES WS).

***Myrmus lateralis* Hsiao, 1964**

Myrmus lateralis Hsiao, 1964a: 252, 259. HT: ♂, CH (NO), Beijing, Xi-shan hills; NKUM.

Distr. **AS:** CH (NO) KO MG RU (FE).

***Myrmus miriformis miriformis* (Fallén, 1807)**

Coreus miriformis Fallén, 1807 (post 13 Jan.): 60. STS: ♂, ♀, SV, Skåne (Esperöd) and Västergötland; MZLU?

Lygaeus micropterus Burrell, 1807 (1 July): 73 (syn. Westwood, 1840b: 483). STS: ♀, GB, Norfolk; LSUK.

Myrmus miriformis (var.) *sublinearis* Rey, 1887a: 2. STS: FR, Provence, Languedoc.

Myrmus formosus Jakovlev, 1904a: 93 (syn. Kerzhner, 1966a: 587). LT (V.G.

Putshkov & Kerzhner, 1983: 81): ♂, RU (ES), Irkutsk Prov., Kultuk; ZMAS.

Myrmus parallelus Jakovlev, 1905a: 49 (syn. Kerzhner, 1966a: 587). LT (Kerzhner, 1966a: 587, as HT): ♀, RU (ES), Chita Prov., Riv. Ingoda; ZMAS.

Myrmus miriformis f. *gynaecoides* Priesner, 1926: 173. STS: ♂, AU (Linz) and GE (Spiekeroog); OLML.

Distr. EU: AU BE BH BU BY CR CZ DE EK EN FI FR GB GE HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AR CH (NW) GG KI MG RU (ES FE WS).

Note: Donovan (1794: 78B81, pl. 101, fig. 5, pl. 102) described *Cimex pallescens* (a primary homonym of *Cimex pallescens* Gmelin, 1790) as a new species; the “larva” figured is an adult of this species while the other figure and the description refer to adult *Stenodema laevigata* (Linnaeus, 1758), Miridae. Turton (1802: 692) proposed the replacement name *Cimex marshani* (sic; error for *marshami*) for the preoccupied *Cimex pallescens* Donovan, 1794, not Gmelin, 1790.

***Myrmus miriformis gracilis* Lindberg, 1927**

Myrmus gracilis Lindberg, 1927: 8 (downgraded by Kerzhner, 1966a: 585, 588). HT: ♀, RU (FE), Spassk Dalni; MZHF.

Distr. AS: CH (NO) KO MG RU (FE ES).

SPECIES INQUIRENDA

***Cimex fenestratus* Gmelin, 1790**

Cimex fenestratus Gmelin, 1790. For *Cimex* no. 118 in Zschach, 1788: 120. ST(S): EU; lost.

Distr. EU.

Note: Evidently belongs in Rhopalinae, perhaps a species of *Stictopleurus* Stål.

Family ALYDIDAE Amyot & Serville, 1843

W.R. Dolling

A worldwide group of about 50 genera and 200 species, Alydidae are fairly evenly distributed among the major Regions. Recent investigations of the phylogeny of the family have assumed monophyly rather than proved it. The three subfamilies (or two, if Leptocorisinae and Micrellytrinae are ranked as tribes of an enlarged Micrellytrinae) share a similar, elongate body form but are otherwise rather dissimilar in structure and habits. The major hostplant associations are with Poaceae (Leptocorisinae) and Fabaceae (Alydinae). The immature stages of Alydinae and a few Micrellytrinae (including some adults of this subfamily) resemble ants to a greater or less degree and a few adults bear some resemblance to wasps. Alary polymorphism is uncommon. Most Alydinae have enlarged metathoracic femora and kick vigorously if handled but *Euthetus* species have all femora slender and employ autotomy of the legs, at the base of the trochanters, as a means of defence.

Classification: X.Z. Li & L.Y. Zheng, 1993; Schaefer, 1999.

Family ALYDIDAE Amyot & Serville, 1843

ALYDIDAE Amyot & Serville, 1843: xxxiv, 221(Alydides). Type genus: *Alydus* Fabricius, 1803.

Note: The family-group name CORISCINA Stål, 1873: 106, 110 is synonymous with Nabidae. Its type genus is *Coriscus* Schrank, 1796, which has sometimes been interpreted as synonymous with *Alydus* Fabricius, 1803 and has been suppressed for the purpose of validating the latter (Opinion 244/1954).

Subfamily LEPTOCORISINAE Stål, 1872

GERRIDA: Stål, 1868b: 543; 1870: 215 (Gerrina). Based on *Gerris* Fabricius, 1794 sensu Stål, 1868b.

LEPTOCORISINAE Stål, 1872a: 54 (Leptocorisaria). Type genus: *Leptocorisa* Latreille, 1829. Placed (as Leptocorisini) on Official List of Family-Group Names in Zoology (Opinion 800/1967).

MYODOCHINAE: Kirkaldy, 1902: 306. Based on *Myodocha* Latreille, 1807 sensu Kirkaldy, 1902.

LEPTOCORIXINAE Bergroth, 1913a: 159 (Leptocorixaria). Type genus: *Leptocorixa* Berthold, 1827. Placed on Official Index of Rejected and Invalid Family-Group Names in Zoology (Opinion 800/1967).

Note: *Cimex lacustris* Linnaeus, 1758 was validly designated as the type species of *Gerris* Fabricius, 1794 by Latreille (1810: 259). The family-group name Myodochini, type genus *Myodocha* Latreille, 1807, with type species *Myodocha serripes* Olivier, 1811, applies to a tribe of Lygaeidae [or Rhyparochromidae] (Opinion 669/1963). This subfamily has been ranked as a tribe of Micrellytrinae (e.g. Schaefer, 1999). Ahmad (1965: 9) subdivided Leptocorisinae into two tribes: Leptocorisini and Noliphini Ahmad, 1965 (Neotropical, Oriental and Australian Regions).

Ref: Ahmad, 1965 (rev.).

Genus *Bloeteocoris* Ahmad, 1965

Bloeteocoris Ahmad, 1965: 115. Type species by original designation: *Leptocorixa* (*Rhabdocoris*) *inflexigena* Blöte, 1934.

Note: Probably a synonym of *Grypocephalus* Hsiao, 1963.

***Bloeteocoris minutus* Ahmad, 1965**

Bloeteocoris minutus Ahmad, 1965: 121. HT: ♂, Burma (northeast), Kambaiti, 7000 ft; NHRS.

Distr. AS: CH (SW). **EL:** Oriental Region.

Note: Probably a synonym of *Grypocephalus pallipectus* Hsiao, 1963.

Genus *Grypocephalus* Hsiao, 1963

Grypocephalus Hsiao, 1963a: 329, 342. Type species by original designation:

Grypocephalus pallipectus Hsiao, 1963.

Note: Probably senior synonym of *Bloeteocoris* Ahmad, 1965.

***Grypocephalus pallipectus* Hsiao, 1963**

Grypocephalus pallipectus Hsiao, 1963a: 329, 343. HT: ♂, CH (SW), Yunnan, Pingbian county; IZAS.

Distr. AS: CH (SW). **EL:** Oriental Region (probably).

Note: Probably senior synonym of *Bloeteocoris minutus* Ahmad, 1965.

Genus *Leptocoris* Latreille, 1829

Leptocorixa Berthold, 1827: 418. No included species. Placed on Official Index of Rejected and Invalid Names in Zoology (Opinion 800/1967).

Leptocoris Latreille, 1829b (11 April): 196. Type species by subsequent monotypy (Guérin-Ménéville, 1831: pl. 12, fig. 12): *Leptocoris flavida* Guérin-Ménéville, 1831 (= *Cimex acutus* Thunberg, 1783). Placed on Official List of Generic Names in Zoology (Opinion 800/1967).

Leptocoris Germar, 1829: 296 (syn. Kolenati, 1846a: 170). No included species.

Rhabdocoris Kolenati, 1845: 67 (syn. Kolenati, 1846a: 170). Type species by monotypy: *Rhabdocoris arcuata* Kolenati, 1845 (= *Cimex acutus* Thunberg, 1783).

Note: Kirkaldy (1900a: 264) believed that Leach (1815) had validly designated *Cimex tipuloides* De Geer, 1773 as the type species of *Myodocha* Latreille, 1807, making *Myodocha* the oldest available name for this genus. *Myodocha* Latreille, 1807 sensu Burmeister (1835: 224), emended to *Myodochus* by Burmeister (1835: 303) was equivalent to *Leptocoris* Latreille, 1829 but its type species is now fixed as a lygaeid (Opinion 800/1967). Boitard (1828: 128) invalidly selected *Cimex angustatus* Fabricius, 1787 as the type species of *Gerris* Fabricius, 1794 (which he treated as a subgenus of *Alydus* Fabricius, 1803). *Cimex angustatus* is a synonym of *Leptocoris acuta* (Thunberg, 1783) but *Gerris* cannot take priority over *Leptocoris* Latreille, 1829 because Latreille (1810: 259) had already validly designated *Cimex lacustris* Linnaeus, 1758 as the type species of *Gerris*. The three species catalogued here as *L. acuta*, *L. chinensis* and *L. oratoria* have been much misidentified in the past. All are major pests of rice.

***Leptocoris acuta* (Thunberg, 1783)**

Cimex acutus Thunberg, 1783: 34. ST(S): locality not given; UZIU (1 ST, damaged). NT (Ahmad, 1965: 79): ♂, Malaya; NHRS.

Cimex angustatus Fabricius, 1787: 308 (syn. Stål, 1873: 86). LT (Ahmad, 1965: 79, as HT): ♂, CH; ZMUC.

Cimex angustus Gmelin, 1790: 2193. For *angustatus* Fabricius, 1787.

Gerris varicornis Fabricius, 1803: 260 (syn. Ahmad, 1965: 78). LT (Ahmad, 1965: 79, as HT): ♂, India, Tranquebar; ZMUC.

Leptocoris flavida Guérin-Méneville, 1831: pl. 12, fig. 12; 1838: 178 (syn. Ahmad, 1965: 78). ST(S): Indonesia, Buru; MNHN?

Rhabdocoris arcuata Kolenati, 1845: 68 (syn. Lethierry & Severin, 1894: 103; Kerzhner, 2003b: 95). LT (Kerzhner, 2003b: 94): ♂, Caucasus [in error]; NHMW.

Leptocoris burmeisteri Montrouzier, 1865: 227 (syn. Ahmad, 1965: 110). STS: Kanala [= New Caledonia]; MRAC.

Distr. AS: CH (SE SW WP) JA TA. **EL:** Oriental and Australasian Regions.

Note: “*acuta* Thunberg, 1783, as published in the binomen *Cimex acuta*” [sic; error for *acutus* Thunberg, 1783 and *Cimex acutus*] was placed on the Official List of Specific Names in Zoology (Opinion 800/1967). Schouteden (1907a: 113) mentioned type material of *L. burmeisteri* Montrouzier but Ahmad (1965: 110) could not trace it. The NT designation for *Cimex acutus* requires approval of the International Commission on Zoological Nomenclature (Siwi & Doesburg, 1984: 119). This pest of rice has frequently been known as *L. varicornis* (Fabricius) while the name *acuta* was applied to the species catalogued below as *L. oratoria* (Fabricius).

***Leptocoris chinensis* Dallas, 1852**

Leptocoris chinensis Dallas, 1852a: 483. STS: ♂, CH and unknown locality; BMNH? (cited by Walker, 1871: 172, but not found by Ahmad, 1965). NT (Ahmad, 1965: 84): ♂, CH (SE), Foochow [= Fuzhou]; BMNH.

Leptocoris nitidula Breddin, 1913: 104 (syn. Ahmad, 1965: 82; Hsiao, 1965c: 65, 67, 77). LT (Ahmad, 1965: 84, as HT): ♀, CH (CE), Jiangxi, Pingxiang [in text as Kingh-siang; on label as Ping Hsiang]; DEIC.

Leptocoris corbetti China, 1924: 237 (syn. Ahmad, 1965: 82). HT: ♂, Malaysia, Kuala Lumpur; BMNH.

Distr. AS: CH (CE NO SE SW) JA KO. **EL:** Oriental Region.

Note: This pest of rice was long confused with *L. acuta* (Thunberg, 1783), both being synonymized with *L. varicornis* (Fabricius, 1803).

***Leptocoris costalis* (Herrich-Schaeffer, 1846)**

Myodocha costalis Herrich-Schaeffer, 1846: 96. ST(S): Indonesia, Java; lost. NT (Ahmad, 1965: 87): ♂, Indonesia, Java; Carnegie Museum, Pennsylvania, USA.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Leptocoris lepida* Breddin, 1909**

Leptocoris lepida Breddin, 1909: 293. LT (Gaedike, 1971: 109): ♂, Sri Lanka, Negombo; DEIC.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Leptocoris oratoria* (Fabricius, 1794)**

Gerris oratorius Fabricius, 1794: 191. LT (Ahmad, 1965: 96, as HT): Indonesia, Sumatra; ZMUC.

Leptocoris bengalensis Westwood, 1842: 18 (syn. Ahmad, 1965: 94). LT (Ahmad, 1965: 96, as HT): ♂, India, Bengal; OXUM.

Myodochus trinotatus Herrich-Schaeffer, 1846: 95 (syn. Ahmad, 1965: 94). ST(S): Indonesia, Java; lost.

Leptocoris maculiventris Dallas, 1852a: 484 (syn. Mayr, 1866: 112). ST(S): ♂, no data; BMNH? (not found).

Distr. AS: CH (SE SW WP) JA. **EL:** Oriental and Australasian Regions.

Note: This pest of rice was long known as *Leptocoris acuta* (Thunberg, 1783) following the synonymy of Stål (1873: 86).

Genus *Mutusca* Stål, 1865

Mutusca Stål, 1865a: 6. Type species by subsequent designation (Ahmad, 1965: 110):
Leptocorisa prolixa Stål, 1860.

Ranturra Distant, 1920: 149 (syn. Dolling, 1979a: 97). Type species by monotypy:
Ranturra attenuata Distant, 1920, New Caledonia.

Note: Stål (1866: 160) included two species, *Leptocorisa brevicornis* Dallas, 1852 and *Leptocorisa prolixa* Stål, 1859. Ahmad's (1965: 110) statement that *prolixa* is the type species by monotypy, though erroneous, is valid as a subsequent designation of it as the type species.

Mutusca prolixa (Stål, 1860)

Leptocorisa prolixa Stål, 1860b: 235. LT (Ahmad, 1965: 115, as HT): CH (SE), Hong Kong; NHRS.

Distr. AS: CH (SE). **EL:** Oriental Region.

Note: Records from the Australasian Region probably refer to *M. brevicornis* (Dallas, 1852).

Subfamily MICRELYTRINAE Stål, 1868

MICRELYTRINAE Stål, 1868b: 542 (Micrelytrida). Type genus: *Micrelytra* Laporte, 1833.

Note: The subfamily Leptocorisinae has been treated as a tribe of this subfamily (e.g. Schaefer, 1999).

Genus *Acestra* Dallas, 1852

Acestra Dallas, 1852a: 485, 488. Type species by monotypy: *Acestra sinica* Dallas, 1852.

Acestra sinica Dallas, 1852

Acestra sinica Dallas, 1852a: 488. ST(S): CH; BMNH.

Distr. AS: CH (SE SW). **EL:** Vietnam.

Acestra yunnana Hsiao, 1963

Acestra yunnana Hsiao, 1963a: 329, 342. HT: ♂, CH (SW), Yunnan, Xishuanbanna, Da-meng-long; IZAS.

Distr. AS: CH (SE SW).

Genus *Anacestra* Hsiao, 1964

Anacestra Hsiao, 1964a: 254, 260. Type species by original designation: *Anacestra hirticornis* Hsiao, 1964.

Anacestra hirticornis Hsiao, 1964

Anacestra hirticornis Hsiao, 1964a: 254, 261. HT: ♂, CH (SW), Sichuan, Mt Emei, 1800B1900 m; IZAS.

Distr. AS: CH (SE SW).

Anacestra spiniger Hsiao, 1965

Anacestra spiniger Hsiao, 1965b: 430, 434. HT: ♀, CH (SE), Hainan, Qiong-zhong county; TMNH.

Distr. AS: CH (SE).

Genus *Distachys* Hsiao, 1964

Distachys Hsiao, 1964a: 254, 261. Type species by original designation: *Distachys vulgaris* Hsiao, 1964.

***Distachys vulgaris* Hsiao, 1964**

Distachys vulgaris Hsiao, 1964a: 255, 261. HT: ♂, CH (SE), Fujian, Chung-an county, 720B850 m; IZAS.

Distr. AS: CH (CE SE SW).

Genus *Marcus* Stål, 1865

Marcus Stål, 1865b: 186. Type species by monotypy: *Marcus generosus* Stål, 1865, New Guinea.

Babaranus Distant, 1908a: 482 (syn. Blöte, 1934: 271). Type species by original designation: *Babaranus ornatulus* Distant, 1908.

Rhodoclia Distant, 1909b: 58 (syn. nov.). Type species by monotypy: *Rhodoclia convictionis* Distant, 1909, India.

Note: Stål (1865b: 186) gave no diagnosis or description of his new genus *Marcus*, merely indicating the type species. Ahmad (1967) reinstated *Babaranus* Distant, 1908 as a genus separate from *Marcus* Stål, 1865, claiming that the latter was endemic to New Guinea. Recent workers in CH have continued to use *Marcus* Stål in the sense of Blöte, 1934, with *Babaranus* Distant as a synonym. The genus *Rhodoclia* Distant, 1909 was described in Miridae but the type specimen of its only species, in BMNH, is a nymphal micrellytrine. Schumacher (1918a) referred it to Alydidae.

***Marcus inermis* Hsiao, 1964**

Marcus inermis Hsiao, 1964a: 256, 261. HT: ♂, CH (SW), Yunnan, Xishuanbanna, 620B650 m; IZAS.

Distr. AS: CH (SW).

***Marcus longirostris* Hsiao, 1964**

Marcus longirostris Hsiao, 1964a: 256, 262. HT: ♀, CH (SE), Hainan, Da-han; Zhong-shan University, Guangzhou, CH.

Distr. AS: CH (SE). **EL:** Vietnam.

***Marcus nigrospinosus* Ren, 1993**

Marcus nigrospinosus Ren, 1993: 348. HT: ♂, CH (CE), Hunan, Shang-zhi county, Mt Tian-ping, 1370B1570 m; IZAS.

Distr. AS: CH (CE).

***Marcus ornatulus* (Distant, 1908)**

Babaranus ornatulus Distant, 1908a: 482. STS: India (Assam), Burma (Tenasserim, Myitta); BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Marcus sichuananus* Ren, 1993**

Marcus sichuananus Ren, 1993: 347. HT: ♂, CH (SW), Sichuan, Wu-long county, Mt Bei-ma, 1450 m; IZAS.

Distr. AS: CH (SW).

***Marcus trispinosus* Hsiao, 1964**

Marcus trispinosus Hsiao, 1964a: 256, 262. HT: ♀, CH (SW), Yunnan, Xishuangbanna; IZAS.

Distr. AS: CH (SW).

Genus *Micrellytra* Laporte, 1833

Micrellytra Laporte, 1833: 25, 27. Type species by monotypy: *Alydus apterus* Dufour, 1833 (= *Cimex fossularum* Rossi, 1790).

Actorus Burmeister, 1835: 304, 327 (syn. Rambur, 1839: 129). Type species by monotypy: “*Hydrometra fossularum* Fabricius, 1803” (= *Cimex fossularum* Rossi, 1790).

Micrellytrum Rambur, 1839: 129. Unjustified emendation for *Micrellytra* Laporte, 1833.

Note: Burmeister (1835: 327) cited “*Anelytrum* Laporte”, presumably a lapsus for *Micrellytra* Laporte, in synonymy with *Actorus* Burmeister.

***Micrellytra fossularum* (Rossi, 1790)**

Cimex fossularum Rossi, 1790: 253. ST(S): IT, Tuscany; lost.

Alydus apterus Dufour, 1833: 169 (syn. Burmeister, 1835: 327). STS: FR, Saint-Sever.

Distr. EU: AL BE BH CR FR GR IT MA PO SL SP YU. **NA:** AG MO MR TU.

Genus *Paramarcus* Hsiao, 1964

Paramarcus Hsiao, 1964a: 255, 261. Type species by original designation: *Paramarcus puncticeps* Hsiao, 1964.

***Paramarcus puncticeps* Hsiao, 1964**

Paramarcus puncticeps Hsiao, 1964a: 255, 261. HT: ♀, CH (SE), Fujian, Chung-an county, 1140B1200 m; IZAS.

Distr. AS: CH (SE).

Genus *Paraplesius* Scott, 1874

Paraplesius Scott, 1874: 364. Type species by monotypy: *Paraplesius unicolor* Scott, 1874.

***Paraplesius unicolor* Scott, 1874**

Paraplesius unicolor Scott, 1874: 364. STS: JA; BMNH.

Distr. AS: JA KO RU (FE: Kuril Is).

Genus *Tuberculiformia* Ahmad, 1967

Tuberculiformia Ahmad, 1967: 68. Type species by original designation: *Marcus subinermis* Blöte, 1934.

***Tuberculiformia subinermis* (Blöte, 1934)**

Marcus subinermis Blöte, 1934: 272. HT: ♂, Indonesia, Sumatra, Fort de Kock [= Bukittinggi], 920 m; RMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Subfamily ALYDINAE Amyot & Serville, 1843

DACLERINI Ahmad, Abbas, Shadab & Khan, 1979: 6 (syn. nov.). Type genus: *Daclera* Signoret, 1863.

Note: Daclerini was briefly described in a key with only an undescribed genus included; it is clearly founded on *Daclera* Signoret, a genus with several autapomorphies. X.Z. Li (1996a: 290) again established Daclerini as a new tribe.

Genus *Alydus* Fabricius, 1803

Alydus Fabricius, 1803: ix, 248. Type species by subsequent designation (Curtis, 1831: legend to pl. 369): *Cimex calcaratus* Linnaeus, 1758.

Note: *Alydus* Fabricius, 1803, with type species *Cimex calcaratus* Linnaeus, 1758, was placed on the Official List of Generic Names in Zoology (International Commission on Zoological Nomenclature, 1950: 467). It was again placed on the list, with gender

specified as masculine, by Opinion 244 (1954) which also suppressed the genus *Coriscus* Schrank, 1796, held by some authors to be a senior synonym of *Alydus* Fabricius, 1803.

***Alydus angulus* Hsiao, 1965**

Alydus angulus Hsiao, 1965b: 430, 434. HT: ♂, CH (SW), Sichuan, Xiao-jin county, 2350 m; NKUM.

Distr. AS: CH (SW WP).

***Alydus calcaratus* (Linnaeus, 1758)**

Cimex calcaratus Linnaeus, 1758: 450. STS: EU; LSUK.

Lygaeus tibialis Fabricius, 1798: 541 (syn. Stål, 1868a: 65). ST(S): India; ZMUC (1 ST).

Alydus hirsutus Kolenati, 1845: 64 (syn. Puton, 1875: 17). LT (Kerzhner, 2003b: 94): ♂, Caucasus; NHMW.

Alydus atratus Motschulsky, 1860a: 502 (syn. Jakovlev, 1876a: 256, suspected; Reuter, 1884a: 132). LT (Kerzhner & Jansson, 1985: 41): sex unknown, RU (FE), Amur; ZMUM.

Alydus pluto Uhler, 1872: 401 (syn. Schaefer & Schaffner, 1994: 315). LT (Schaefer & Schaffner, 1994: 315): ♂, USA, Colorado; USNM.

Alydus calcaratus var. *ater* Jakovlev, 1876a: 256. ST(S): RU (ES), Krasnoyarsk; ZMAS.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** MO. **AS:** AB AK AR AT CH (NO NW) GG IN KI KO MG RU (ES FE WS) TD TM UZ. **EL:** Nearctic Region.

Ref.: Tshernova, 1978a (distr.).

Note: *Cimex calcaratus* Linnaeus, 1758 was placed on the Official List of Specific Names in Zoology as type species of *Alydus* Fabricius, 1803 (International Commission on Zoological Nomenclature, 1950: 467); see also Opinion 244 (1954). The names *hirsutus*, *atratus*, *pluto* and *ater* all refer to a dark form, which is the only form reported from North America. *Alydus niger* Motschulsky, 1859 is a nomen nudum and is referable to this species (Kiritshenko, 1915).

***Alydus rupestris* Fieber, 1861**

Alydus rupestris Fieber, 1861: 226. ST(S): SZ, Galenstock, 6000 ft; lost (Frey-Gessner, 1871: 324).

Distr. EU: AU FR IT SZ. **AS:** AK.

Note: Fieber attributes the name *rupestris* to Meyer-Dür, who published it as a nomen nudum (Meyer-Dür, 1859: 3).

***Alydus zichyi* Horváth, 1901**

Alydus zichyi Horváth, 1901b: 258. HT: ♂, CH (NO), Hebei, Daba [= NW of Zhangjiakou]; HNHM.

Distr. AS: CH (NE NO NW SW WP).

Genus *Camptopus* Amyot & Serville, 1843

Camptopus Amyot & Serville, 1843: 224. Type species by subsequent designation (Chenu & Desmarest, 1859: 213, as *Camptopus*): *Alydus lateralis* Germar, 1817.

Ref.: Seidenstücker, 1968b (key).

***Camptopus bifasciatus* Fieber, 1864**

Camptopus bifasciatus Fieber, 1864a: 324. ST(S): ♂, AT, Amasia; NHMW.

Distr. AS: AB AR AT IN.

***Camptopus eberti* Seidenstücker, 1968**

Camptopus eberti Seidenstücker, 1968b: 227. HT: ♂, AF, SE of Kabul, Paktia Prov., Kotkai, 2350 m; Staatliches Museum für Naturkunde, Karlsruhe, GE.

Distr. AS: AF.

***Camptopus illustris* Horváth, 1899**

Camptopus illustris Horváth, 1899a: 447. ST(S): ♀, AR, Erevan; HNHM.

Distr. AS: AB AR AT IN IQ.

***Camptopus lateralis* (Germar, 1817)**

Alydus lateralis Germar, 1817: 285. STS: CR (Dalmatia, Arbe) and PO.

Alydus annulatus Brullé, 1832: 72 (syn. Dallas, 1852a: 470). ST(S): GR, Messenia.

Alydus geranii Dufour, 1833: 167 (syn. Spinola, 1837: 208). STS: FR.

Alydus marginalis Herrich-Schaeffer, 1835a: 43 (syn. Herrich-Schaeffer, 1853b: 8). ST(S): see note.

Alydus marginatus Herrich-Schaeffer, 1835a: 43 (syn. Herrich-Schaeffer, 1840a: 100). ST(S): see note.

Alydus occipies Herrich-Schaeffer, 1835a: 43 (syn. Herrich-Schaeffer, 1835a: 75).

STS (see Herrich-Schaeffer, 1840a: 100): ♂, ♀, CR (Dalmatia) and IT; ZMHB.

Alydus brevipes Herrich-Schaeffer, 1840a: 101 (syn. Gorski, 1852: 132). HT: ♀, HU.

Alydus undulatus Westwood, 1842: 20 (syn. Stål, 1873: 94, suspected). ST(S): South Africa [erroneous?]; OXUM.

Camptopus lateralis var. *obscurus* Reuter, 1890a: 262. STS: EG and MR.

Distr. EU: AL AN AU BE? BH BU CR ET FR GE? GR HU IT LS MA MC MD PO RO RU (CT ST) SK SL SP SZ UK YU. **NA** AG CI EG LB MO MR TU. **AS:** AB AF AK AR AT CH (NW) CY GG IN IQ IS JO KI LE SY TD TM UZ. **EL:** Oriental Region (India, Pakistan).

Note: Herrich-Schaeffer (1840a: 100) stated that under the name “*marginatus* Oliv.” are specimens of both sexes from IN in ZMHB. However, apparently the same name was cited by him later (Herrich-Schaeffer, 1853b: 8) as “*marginalis* Oliv.”, and Gorski (1852: 131) stated that specimens of *marginatus* in ZMHB originate from Altai (Kolywan). No types of *A. marginalis* or *A. marginatus* were found in ZMHB.

***Camptopus tragacanthae* (Kolenati, 1845)**

Alydus tragacanthae Kolenati, 1845: 65. LT (Kerzhner, 2003b: 94): ♂, AB, Karabakh; NHMW.

Distr. EU: RU (ST). **AS:** AB AF AK AR AT CH (NW WP) GG IN TD TM UZ.

Genus *Daclera* Signoret, 1863

Daclera Signoret, 1863: 27. Type species by monotypy: *Daclera punctata* Signoret, 1863, tropical Africa.

***Daclera levana* Distant, 1918**

Daclera levana Distant, 1918: 162. STS: ♂, ♀, India, Chikkaballapura [= Chikballapur]; BMNH.

Distr. AS: CH (SE SW) JA TA. **EL:** Oriental Region.

Genus *Euthetus* Dallas, 1852

Euthetus Dallas, 1852a: 467, 479. Type species by monotypy: *Euthetus pulchellus* Dallas,

1852.

Ref.: Linnavuori, 1987 (syst., partial key).

***Euthetus granti* Kirkaldy, 1899**

Euthetus granti Kirkaldy, 1899a: 46. STS: ♂, ♀, YE, Socotra, Elhé, Hadibu Plain; BMNH.

Distr. AS: YE (mainland and Socotra).

Ref.: Kirkaldy, 1903a (descr., fig., behaviour).

***Euthetus humilis* Horváth, 1907**

Euthetus humilis Horváth, 1907a: 299. LT (Göllner-Scheiding, 2000: 11, as HT): ♂, TU, Sfax; HNHM.

Eutethus [sic] *sabulicola* Lindberg, 1959a: 37 (syn. Linnavuori, 1987: 7). HT: ♂, Cape Verde Is, S. Antao, supra Porto Novo; MZHF.

Distr. NA: CI! LB TU. **AS:** IN IS. **EL:** tropical Africa.

***Euthetus leucostictus* Stål, 1855**

Euthetus leucostictus Stål, 1855a: 30. LT (Göllner-Scheiding, 2000: 14, as HT): ♀, South Africa, Gariep River; NHRS.

Euthetus leucopoecilus Stål, 1855a: 30 (syn. Göllner-Scheiding, 2000: 14). LT (Göllner-Scheiding, 2000: 14, as HT): ♂, South Africa, Limpopo River; NHRS.

Distr. AS: YE (Socotra). **EL:** tropical Africa.

Ref.: Distant, 1918 (Palaeartic record).

***Euthetus limbatus* Distant, 1902**

Euthetus limbatus Distant, 1902b: 250. LT (Göllner-Scheiding, 2000: 14, as HT): ♂, Zimbabwe, Mashonaland, Umfuli River; BMNH.

?*Euthetus laticornis* Horváth, 1907a: 300 (syn. Göllner-Scheiding, 2000: 15, suspected). LT (Göllner-Scheiding, 2000: 15, as HT): ♀, Tanzania, Kilimanjaro, Mto-ya-kifaru; HNHM.

Euthetus wellmani Schouteden, 1912a: 424 (syn. Linnavuori, 1987: 5). HT: ♀, Angola, Benguela; MRAC.

Euthetus wellmanni [sic] *gracilicornis* Linnavuori, 1978: 38 (syn. Linnavuori, 1987: 5). HT: ♀, Ethiopia, Blue Nile, Ingessana Mts; AMNH.

Distr. AS: IQ! YE. **EL:** tropical Africa.

***Euthetus ornatipennis* Linnavuori, 1978**

Euthetus ornatipennis Linnavuori, 1978: 38. HT: ♀, Ethiopia, Blue Nile, Ingessana Mts; AMNH.

Distr. AS: SA YE. **EL:** tropical Africa.

***Euthetus pallescens* Distant, 1902**

Euthetus pallescens Distant, 1902b: 253. LT (Göllner-Scheiding, 2000: 16, as HT): ♂, Mozambique, Rikatla; BMNH.

Euthetus schultzei Breddin in Schumacher, 1913: 64 (syn. Göllner-Scheiding, 2000: 16). HT: ♂, South Africa, Klein-Namaland, Kanaggas; ZMHB.

Distr. AS: IN. **EL:** tropical Africa.

***Euthetus pulchellus* Dallas, 1852**

Euthetus pulchellus Dallas, 1852a: 479. ST(S): India; BMNH.

?*Euthetus pulcherrimus* Bergroth, 1909: 186 (syn. Distant, 1918: 163, suspected). ST(S): ♀, India, Bombay.

Distr. AS: IN. **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.)

Genus *Heegeria* Reuter, 1881

Heegeria Reuter, 1881a: 211. Type species by monotypy: *Heegeria adspersa* Reuter, 1881 (= *Alydus tangiricus* Saunders, 1877).

Sjostedtina Schouteden, 1912b: 56 (syn. Moulet, 1995a: 261). Type species by original designation: *Sjostedtina sjostedti* Schouteden, 1912 (= *Alydus tangiricus* Saunders, 1877).

Ref.: Dolling & Moulet, 1996 (syn.).

***Heegeria tangirica* (Saunders, 1877)**

Alydus tangiricus Saunders, 1877: 104. LT (Linnavuori, 1987: 17, as HT): ♀, MO, Tangiers; BMNH.

Heegeria adspersa Reuter, 1881a: 212 (syn. Reuter, 1885a: 42). HT: ♀, IT, Sicily, Palermo; NHMW.

Tenosius ferrugineus Carlini, 1895: 112 (syn. Göllner-Scheiding, 2000: 19). HT: ♀, Ethiopia, Medio Ganale (Boran Galla); MCSN.

Mirperus robustus Distant, 1904: 352 (syn. Moulet, 1995a: 262). LT (Linnavuori, 1987: 16, as HT): ♀, South Africa, Transvaal, Zoutspansberg, Shilouvane; BMNH.

?*Tenosius venosus* Bergroth, 1908a: 500 (syn. Göllner-Scheiding, 2000: 19, suspected). ST(S): ♂, Angola.

Sjostedtina sjostedti Schouteden, 1912b: 57 (syn. Linnavuori, 1987: 15, with *robustus*; Moulet, 1995a: 262). LT (Linnavuori, 1987: 17): ♀, Tanzania, Kilimandjaro, Meru; MRAC.

Distr. EU: GR IT SP. **NA:** EG MO. **AS:** IN IS OM YE. **EL:** tropical Africa, Oriental Region (Pakistan).

Ref.: Dolling & Moulet, 1996 (syn.).

Genus *Hypselopus* Burmeister, 1835

Hypselopus Burmeister, 1835: 304, 328. Type species by subsequent designation (Opinion 187/1945): *Hypselopus gigas* Burmeister, 1835; placed on Official List of Generic Names in Zoology.

Meloza Amyot & Serville, 1843: 221 (syn. Herrich-Schaeffer, 1851: 278, suspected; Dallas, 1852a: 468). Type species by monotypy: *Meloza villosipes* Amyot & Serville, 1843, Mauritius.

Ref.: Opinion 187 (1945), augmented Direction 1, 1954 (homonymy with *Hypselopus* Wiegmann, 1835, Reptilia, ICZN ruling).

***Hypselopus gigas* Burmeister, 1835**

Hypselopus gigas Burmeister, 1835: 329. LT (Göllner-Scheiding, 2000: 20, as HT): ♂, South Africa, Cape Prov.; ZMHB.

Hypselopus annulicornis Stål, 1855a: 29 (syn. Lindberg, 1959a: 41). LT (Göllner-Scheiding, 2000: 20, as HT): ♀, South Africa, Gariep River; NHRS.

Hypselopus pallidiventrif Stål, 1858b: 315 (syn. Stål, 1865a: 100). LT (Göllner-Scheiding, 2000: 20, as HT): ♂, Namibia (?), "T'kons fountain"; NHRS

Hypselopus intermedius Distant, 1909c: 34 (syn. Göllner-Scheiding, 2000: 20). LT (Göllner-Scheiding, 2000: 20, as HT): ♀, Seychelles: Mahé; BMNH.

Distr. AS: AF YE. **EL:** tropical Africa.

Ref.: Hoberlandt & Švihlá, 1990 (AF).

Genus *Megalotomus* Fieber, 1860

Megalotomus Fieber, 1860: 58. Type species by subsequent designation (Oshanin, 1912: 24): *Alydus limbatus* Herrich-Schaeffer, 1835 (= *Cimex junceus* Scopoli, 1763).

Huphus Mulsant & Rey, 1870: 157, 158 (syn. Puton, 1872: 311). Type species by subsequent designation (Kerzhner, 2003a: 103): *Alydus sareptanus* Baerensprung, 1859 (= *Alydus ornaticeps* Stål, 1858).

Megalotomus acutulus G.Q. Liu & Q. Liu, 1998

Megalotomus acutulus G.Q. Liu & Q. Liu, 1998: 41. HT: ♂, CH (NO), Inner Mongolia, Hailar (49.2EN/119.7EE); NKUM.

Distr. AS: CH (NO).

Megalotomus castaneus Reuter, 1888

Megalotomus castaneus Reuter, 1888b: 66. LT (Kerzhner, 1972a: 352, as HT): ♀, CH (NO), Beijing; MNHN.

Distr. AS: CH (NO).

Megalotomus costalis Stål, 1873

Megalotomus costalis Stål, 1873: 92. ST(S): JA; NHRS.

Distr. AS: CH (NE NO) JA KO.

Megalotomus junceus (Scopoli, 1763)

Cimex junceus Scopoli, 1763: 135. ST(S): SL, Ljubljana; lost.

Alydus limbatus Herrich-Schaeffer, 1835c: pl. 12 and legend (syn. Reuter, 1888a: 164). STS: GE (Stuttgart) and SL? (Istria); ZMHB (in part).

Alydus pavidus Gorski, 1852: 131 (syn. Fieber, 1861: 226, with *limbatus*). For “Huphus” Amyot, 1845: 472. STS: ♂, ♀, FR (south); MNHN.

Distr. EU: AU BH BU CR CZ FR GE HU IT MC RO RU (CT ST) SK SL SZ UK YU. **AS:** AK CH (CE NO) KO MG RU (ES FE WS).

Megalotomus obtusus Ghauri, 1972

Megalotomus obtusus Ghauri, 1972: 284. HT: ♂, Pakistan, Shangla; BMNH.

Distr. AS: IN. **EL:** Oriental Region (Pakistan).

Megalotomus ornaticeps (Stål, 1858)

Alydus ornaticeps Stål, 1858a: 178. STS: ♂, ♀, RU (ES), Irkutsk; NHRS.

Alydus sareptanus Baerensprung, 1859: 334 (syn. Stål, 1872a: 54). LT (Deckert, 2001: 406): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMHB.

Distr. EU: EK RU (ST) UK. **AS:** AB AK AR CH (NO NW) GG MG RU (ES WS).

Megalotomus zaitzevi Kerzhner, 1972

Megalotomus zaitzevi Kerzhner, 1972a: 350. HT: ♂, UZ, Bukhara; ZMAS.

Distr. AS: AK CH (NW) MG UZ.

Genus *Melanacanthus* Stål, 1873

Melanacanthus Stål, 1873: 92 (as subgenus of *Mirperus*; upgraded by Distant, 1911a: 584). Type species by subsequent designation (Distant, 1911a: 584): *Tupalus ferrugineus* Stål, 1871.

Melanacanthus ferrugineus (Stål, 1871)

Tupalus ferrugineus Stål, 1871: 657. STS: Philippines and Indonesia (Java); NHRS.

Distr. AS: JA. **EL:** Oriental Region; Australasian Region?

Note: Occurrence in Australasian Region rests on the possibility that *Alydus scutellaris* Dallas is synonymous with *M. ferrugineus*.

***Melanacanthus marginatus* (Hsiao, 1965), comb. nov.**

Mirperus marginatus Hsiao, 1965b: 429, 434. HT: ♀, CH (SW), Yunnan, 20 km NE Yuan-jiang city, 800 m; IZAS.

Distr. AS: CH (SW).

Note: Perhaps a synonym of the sexually dimorphic *Melanacanthus ferrugineus* (Stål, 1871), with which it was compared in the original description.

Genus *Mirperus* Stål, 1860

Mirperus Stål, 1860a: 459. Type species by monotypy: *Cimex jaculus* Thunberg, 1783, tropical Africa.

Eremoplanus Reuter, 1882a: 89 (syn. Hoberlandt, 1985: 249). Type species by monotypy: *Eremoplanus mucronatus* Reuter, 1882 (= *Alydus torridus* Westwood, 1842).

Dolichocamptopus Kiritshenko, 1966: 801 (syn. Hoberlandt, 1985: 249). Type species by original designation: *Dolichocamptopus demetrii* Kiritshenko, 1966.

***Mirperus demetrii* (Kiritshenko, 1966)**

Dolichocamptopus demetrii Kiritshenko, 1966: 801. HT: ♀, IN, sands Gyakhkum 30 km S of Hajjiabad; ZMAS.

Distr. AS: IN. **EL:** tropical Africa (Kenya, Sudan).

***Mirperus torridus* (Westwood, 1842)**

Alydus torridus Westwood, 1842: 20. LT (Göllner-Scheiding, 2000: 25, as HT): ♀, Sierra Leone; OXUM.

Eremoplanus mucronatus Reuter, 1882a: 90 (syn. Göllner-Scheiding, 2000: 25). LT (Göllner-Scheiding, 2000: 25): ♀, “Arabia deserta”; ZMHB.

Tupalus annulatus Signoret, 1891: 469 (syn. Göllner-Scheiding, 2000: 51). ST(S): Senegal.

Mirperus xerophilus Linnavuori, 1978: 39 (syn. Linnavuori, 1987: 13, with *mucronatus*). HT: ♂, SA, El Riyadh; AMNH.

Distr. AS: IN SA SI YE. **EL:** tropical Africa, Oriental Region (Pakistan!).

Note: Hoberlandt (1985: 246) considered *torridus*, *mucronatus* and *xerophilus* to be synonyms of *M. jaculus* (Thunberg, 1783), but this synonymy has not been accepted by Linnavuori (1986, 1987, 1989) and Göllner-Scheiding (2000).

Genus *Nariscus* Stål, 1865

Nariscus Stål, 1865a: 8, 100. Type species by monotypy: *Hypselopus cinctiventris* Germar, 1838.

Akbaratus Distant, 1908a: 485 (syn. Göllner-Scheiding, 2000: 25). Type species by original designation: *Akbaratus fisheri* Distant, 1908.

Ref.: Linnavuori, 1987 (key, syst.).

***Nariscus cinctiventris* (Germar, 1838)**

Hypselopus cinctiventris Germar, 1838: 152. LT (Göllner-Scheiding, 2000: 27): ♀, South Africa, Cape of Good Hope; ZMHB.

Hypselopus validipes Stål, 1858b: 315 (syn. Stål, 1865a: 101). ST(S): ♀, Namibia, Swakop River, NHRS (not found).

Distr. AS: SA SI YE. **EL:** tropical Africa.

***Nariscus conspurcatus* Mancini, 1946**

Nariscus conspurcatus Mancini, 1946: 67. LT (Göllner-Scheiding, 2000: 27, as HT): Ethiopia, Malca Guba, Lago Stefania, Gondaraba; MCSN.

Nariscus conspersus: Linnavuori, 1987. Incorrect subsequent spelling.

Distr. AS: AF IN OM SA YE. **EL:** tropical Africa.

***Nariscus fisheri* (Distant, 1908), comb. nov.**

Akbaratus fisheri Distant, 1908a: 486. STS: India, Bombay, Dehra Dun and Red Sea, straits of Bab-el-Mandeb; BMNH.

Distr. AS: IQ YE. **EL:** Oriental Region.

Ref.: Al-Ali, 1968 (IQ); Parshad, 1957a (chrom.).

***Nariscus longirostris* Linnavuori, 1974**

Nariscus longirostris Linnavuori, 1974a: 170. HT: ♀, IS, Ein-el-Turuba, 27 km S of Jericho; AMNH.

Distr. AS: IQ IS.

***Nariscus spinosus* (Burmeister, 1835)**

Hypselopus spinosus Burmeister, 1835: 329. LT (Göllner-Scheiding, 2000: 28): ♂, Sudan, Ambukohl; ZMHB.

Distr. NA: AG EG. **AS:** CY IN OM SA YE. **EL:** tropical Africa.

Genus *Nemausus* Stål, 1866

Nemausus Stål, 1865a: 8, 101. Type species by subsequent designation (Oshanin, 1912: 24): *Hypselopus sordidatus* Stål, 1858.

Ref.: Linnavuori, 1987 (key, syst.).

Note: Bergroth (1910: 232) established the genus *Oxycranum*, type species by original designation: *Oxycranum praeacutum* Bergroth, 1910, Madagascar. *Nemausus* species with the tylus acutely pointed may belong here if it is considered to be a separate genus.

***Nemausus sordidatus* (Stål, 1858)**

?*Hypselopus tripunctatus* Dallas, 1852a: 469 (syn. Göllner-Scheiding, 2000: 32, suspected). LT? (Göllner-Scheiding, 2000: 32): ♂, South Africa; BMNH.

Hypselopus sordidatus Stål, 1858b: 315. ST(S): Namibia; RMNH.

Nemausus simplex Horváth, 1911a: 104 (syn. Linnavuori, 2004: 281). LT (Göllner-Scheiding, 2000: 29, as HT): ♂, EG, Luxor; HNHM.

Distr. EU: PL! SP. **NA:** AG CI EG MO TU. **AS:** IN IS JO OM SA YE. **EL:** tropical Africa.

Genus *Riptortus* Stål, 1860

Riptortus Stål, 1860a: 459. Type species by subsequent designation (Distant, 1902a: 413): *Cimex dentipes* Fabricius, 1787.

Extralimital subgenus: *Melanolamprus* Stål, 1873, Tropical Africa.

Subgenus *Riptortus* Stål, 1860

***Riptortus aegyptiacus* Lindberg, 1939**

Riptortus aegyptiacus Lindberg, 1939a: 10. HT: EG, Abu Sueir or Borgash or Helouan; Ministry of Agriculture, Cairo, EG.

Riptortus aegyptiacus var. *vittatus* Lindberg, 1939a: 10. No type data indicated.

Distr. NA: EG. **AS:** IN SA.

Note: Lindberg gave data for 7 specimens without indicating sex and mentioned a holotype of *R. aegyptiacus* without specifying its data. Perhaps a synonym of *R. oxianus* Kiritschenko, 1914.

***Riptortus clavatus* (Thunberg, 1783)**

Cimex clavatus Thunberg, 1783: 34 (junior primary homonym of *Cimex clavatus* Linnaeus, 1767). ST(S): JA; UZIU.

Camptopus annulatus Uhler, 1860: 225 (junior secondary homonym of *Alydus annulatus* Brullé, 1832; syn. Stål, 1873: 93). ST(S): ♀, JA, Honshu, Simoda [= Shimoda]; USNM.

Riptortus nipponensis Kirkaldy, 1909a: 30. New name for *clavatus* Thunberg, 1783 and *annulatus* Uhler, 1860.

Distr. AS: JA KO.

Note: The name *Riptortus clavatus* (Thunberg, 1783) being in general current usage is retained under provisions of Art. 23.9.5. *Cimex clavatus* Linnaeus, 1767 (now in *Pilophorus*, Miridae) has not been placed in one genus with *C. clavatus* Thunberg, 1783 after 1899.

***Riptortus linearis* (Fabricius, 1775)**

Cimex linearis Fabricius, 1775: 710. STS: CH; ZMUC.

Riptortus atricornis Stål, 1873: 74 (syn. Blöte, 1934: 279). STS: ♂, Australia (north) and Indonesia (Java); NHRS.

Riptortus linearis var. *pallidicornis* Blöte, 1934: 279. HT: sex not given, Indonesia, Simalur, Sinabang; RMNH.

Distr. AS: CH (CE NO SE SW) IN IQ JA TA. **EL:** Oriental Region, Australasian Region.

Ref.: Parshad, 1957a (chrom.).

Note: *Alydus clavatus* Dohrn, 1860a: 402, Sri Lanka, a secondary homonym of *Cimex clavatus* Thunberg, 1783, was synonymized by Stål (1873: 94) with *Cimex pilosus* Thunberg, 1783, a valid species then and now placed in *Riptortus*; Lethierry & Severin (1894: iii) cited *clavatus* Dohrn in synonymy of both *pilosus* and *linearis*, but Stål (1873) considered these two species only dubiously distinct.

***Riptortus oxianus* Kiritshenko, 1914**

Riptortus oxianus Kiritshenko, 1914a: 403. LT (Tshernova, 1979: 580): ♂, UZ, Termez; ZMAS.

Distr. AS: TD UZ.

Note: Perhaps the same as *R. aegyptiacus* Lindberg, 1939.

***Riptortus parvus* Hsiao, 1964**

Riptortus parvus Hsiao, 1964a: 258, 262. HT: ♂, CH (SE), Guangzhou, Bei-yun-shan hill; TMNH.

Distr. AS: CH (SE SW). **EL:** Vietnam.

***Riptortus pedestris* (Fabricius, 1775)**

Cimex pedestris Fabricius, 1775: 727 (junior primary homonym of *Cimex pedestris* Poda, 1761). STS: India orientalis; ZMUC.

Cimex pedes Gmelin, 1790: 2191. New name for *pedestris* Fabricius, 1775.

Lygaeus fuscus Fabricius, 1798: 539 (syn. Blöte, 1934: 280). STS: “India orientalis”; ZMUC.

Alydus ventralis Westwood, 1842: 20 (syn. Stål, 1873: 93, with *fuscus*). ST(S): no data; OXUM.

Alydus major Dohrn, 1860a: 402 (syn. Stål, 1873: 93, with *fuscus*). ST(S): Ceylon [= Sri Lanka].

Distr. AS: AF CH (CE NO SE SW WP) JA TA. **EL:** Oriental Region.

Note: The name *Riptortus pedestris* (Fabricius, 1775) being in general current usage is

retained under provisions of Art. 23.9.5. *Cimex pedestris* Poda, 1761 (nomen dubium, Reduviidae) has not been placed in one genus with *C. pedestris* Fabricius, 1775 after 1899.

***Riptortus tenuicornis* (Dallas, 1852)**

Alydus tenuicornis Dallas, 1852a: 471. LT (Linnavuori, 1987: 10, as HT): ♂, Sierra Leone; BMNH.

Alydus longipes Dallas, 1852a: 473 (syn. Göllner-Scheiding, 2000: 37). LT (Göllner-Scheiding, 2000: 37, as HT): ♂, Brazil (in error); BMNH.

Distr. AS: SA YE. **EL:** tropical Africa.

Note: This species has been recorded as *R. dentipes* (Fabricius, 1787).

Genus *Tenosius* Stål, 1860

Tenosius Stål, 1860a: 459, 460. Type species by monotypy: *Alydus proletarius* Schaum, 1853.

***Tenosius proletarius* (Schaum, 1853)**

Alydus proletarius Schaum, 1853: 358. LT (Göllner-Scheiding, 2000: 39, as HT): ♂, Mozambique; ZMHB.

Mirperus nigrofasciatus Distant, 1904: 352 (syn. Distant, 1908a: 484). LT (Linnavuori, 1987: 18, as HT): ♂, South Africa, Transvaal, Zoutpansberg, Shilouvane; BMNH.

Tenosius uniformis Schouteden, 1912b: 56 (syn. Linnavuori, 1987: 18). HT: ♀, Eritrea, Gheleb; MRAC.

Distr. NA: CI! LB. **AS:** IN IS OM SA YE. **EL:** tropical Africa, Oriental Region.

Genus *Zulubius* Bergroth, 1894

Trichocnemus Stål, 1873: 91 (junior homonym of *Trichocnemus* Jekel, 1854, Coleoptera).

Type species by monotypy: *Alydus maculatus* Thunberg, 1822.

Zulubius Bergroth, 1894a: 547. New name for *Trichocnemus* Stål, 1873.

Ref.: Schaffner, 1987 (syst.).

***Zulubius longulus* (Linnavuori, 1978)**

Nemausus longulus Linnavuori, 1978: 40. HT: ♀, Sudan, Equatoria, Juba; AMNH.

Zulubius acaciaphagus Schaffner, 1987: 317 (syn. Göllner-Scheiding, 2000: 47). HT: ♂, South Africa, Cape Town; National Collection of Insects, Pretoria, South Africa.

Distr. AS: YE. **EL:** tropical Africa.

***Zulubius maculatus* (Thunberg, 1822)**

Alydus maculatus Thunberg, 1822a: 3. LT (Schaffner, 1987: 317, as HT): ♂, South Africa; UZIU.

Hypselopus linearis Stål, 1855: 29 (syn. Stål, 1865a: 103). LT (Schaffner, 1987: 317, as HT): ♂, South Africa, Caffraria; NHRS.

Distr. AS: OM! YE. **EL:** tropical Africa.

Family COREIDAE Leach, 1815

W.R. Dolling

The approximately 2200 species of this worldwide family are distributed among about 500 genera. It is probably not a natural group as constituted at present. Most coreids are medium-sized to large bugs, with some tropical species attaining very large size. All are plant-feeders, some of them serious pests of tropical crops. Most are cryptically coloured but brightly pigmented and iridescent forms occur rather frequently in the tropics. Mimicry and alary polymorphism are rare. Both nymphs and adults, at least of some of the larger species, are known to be able to project streams of repugnatorial fluid from the dorsal abdominal (nymphal) and metapleural (adult) scent glands. Nymphs of some larger species form aggregations and some Mictini males have been found guarding single females or small groups of them, kicking rival males and potential predators with the enlarged metathoracic legs. Eggs are laid in groups on the surface of the host plants or, in *Phyllomorpha laciniata* (Villers), on the pronotum, dorsal connexivum and hemelytra of other adults. Despite the prevalence of phloem-feeding, very few instances are known of ants attending coreids. Classification: X.Z. Li, 1996a, 1997; Schaefer, 1965.

Family COREIDAE Leach, 1815

COREIDAE Leach, 1815: 121 (Coreides). Type genus: *Coreus* Fabricius, 1794.

Subfamily HYDARINAE Stål, 1873

HYDARINAE Stål, 1873: 33, 37, 80 (Hydararia). Type genus: *Hydara* Dallas, 1852, tropical Africa.

Ref.: Brailovsky, 1994 (rev., Asia).

Genus *Corduba* Stål, 1862

Corduba Stål, 1862a: 305 (footnote). Type species by monotypy: *Corduba macra* Stål, 1862, Sierra Leone.

Extralimital subgenus: *Corduba* Stål, 1862, tropical Africa.

Ref.: Brailovsky & Ortega Leon, 1998 (key).

Subgenus *Acanthocorduba* Linnavuori, 1978

Acanthocorduba Linnavuori, 1978: 33 (as subgenus of *Corduba*). Type species by original designation: *Corduba echinops* Linnavuori, 1978.

Corduba echinops Linnavuori, 1978

Corduba (Acanthocorduba) echinops Linnavuori, 1978: 33. HT: ♂, Sudan, Wad Medani, Umm Barona; AMNH.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Eohydara* Bergroth, 1925

Eohydara Bergroth, 1925: 83 (syn. Hsiao, 1963a: 310, 332, with *Hydarella* Bergroth, 1925; restored by Hsiao, 1977a: 252). Type species by monotypy: *Eohydara fulviclava* Bergroth, 1925.

Eohydara fulviclava Bergroth, 1925

Eohydara fulviclava Bergroth, 1925: 84. ST(S): ♀, Laos; “Mus. Saïgon”.

Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Hydarella* Bergroth, 1925

Hydarella Bergroth, 1925: 82. Type species by monotypy: *Hydarella orientalis* Distant, 1902.

Note: Hsiao (1963a: 322) reduced *Eohydarella* Bergroth to synonymy with this genus, but later (Hsiao, 1977a: 252) he reinstated it.

Hydarella orientalis (Distant, 1902)

Hydarella orientalis Distant, 1902a: 398. STS: India (Calcutta) and Burma (Teinzo, Bhamo); BMNH, MCSN.

Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Hydaropsis* Hsiao, 1965

Hydaropsis Hsiao, 1965d: 329, 332. Type species by original designation: *Hydarella longirostris* Hsiao, 1963.

Hydaropsis longirostris (Hsiao, 1963)

Hydarella longirostris Hsiao, 1963a: 328, 342. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Xiao-meng-yang; IZAS.

Distr. AS: CH (SW). **EL:** Laos, Thailand.

Subfamily PSEUDOPHLOEINAE Stål, 1868

PSEUDOPHLOEINAE Stål, 1868b: 535 (Pseudophloeida). Type genus: *Pseudophloeus* Burmeister, 1835 (= *Arenocoris* Hahn, 1834).

ARENOCORINAE Bergroth, 1913a: 126, 155. For Pseudophloeinae Stål, 1868. Type genus: *Arenocoris* Hahn, 1834.

Tribe CLAVIGRALLINI Stål, 1873

CLAVIGRALLINI Stål, 1873: 81 (Clavigrallaria). Type genus: *Clavigralla* Spinola, 1837.

Ref.: Dolling, 1978a, 1979b (syst.).

Genus *Clavigralla* Spinola, 1837

Clavigralla Spinola, 1837: 200. Type species by monotypy: *Clavigralla gibbosa* Spinola, 1837.

Acanthomia Stål, 1873: 81 (syn. Dolling, 1979b: 6). Type species by subsequent designation (Dolling, 1979b: 6): *Clavigralla natalensis* Stål, 1855, South Africa.

Lancha Shadab, 1972: 3 (syn. Dolling, 1979b: 6). Type species by original designation: *Myla schnelli* Villiers, 1950, Guinea.

Clavigralla elongata Signoret, 1861

Clavigralla elongata Signoret, 1861: 944. LT (Dolling, 1979b: 27): ♂, Zanzibar; NHMW.

Clavigralla flavipennis Signoret, 1861: 945 (syn. Dolling, 1979b: 24). LT (Dolling, 1979b: 27): ♀?, Madagascar; NHMW.

Distr. AS: SA YE. **EL:** tropical Africa.

Note: Specimens reported from CI (Dolling, 1979b) were mislabelled and in fact were collected in Cape Verde Islands (Dolling, 1986: 206). Both *Clavigralla elongata* Signoret, 1861 and *Clavigralla flavipennis* Signoret, 1861 were synonymized with *Syromaster horridus* Germar, 1838 in the sense of Herrich-Schaeffer, 1851 by Stål (1865a: 108).

***Clavigralla gibbosa* Spinola, 1837**

Clavigralla gibbosa Spinola, 1837: 202. LT (Dolling, 1978a: 287): ♀, India, Bombay; MRSN.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Clavigralla griseola* (Linnavuori, 1978)**

Acanthomia griseola Linnavuori, 1978: 35. HT: ♀, YE, Sheikh Othman-Lahej; AMNH.

Distr. AS: SA YE. **EL:** Eritrea.

***Clavigralla leontjevi* (Bergroth, 1908)**

Acanthomia leontjevi Bergroth, 1908b: 107. LT (Dolling, 1979b: 48): ♂, Ethiopia, Adué; MZHF.

Distr. AS: YE. **EL:** tropical Africa.

[*Clavigralla orientalis orientalis* Dolling, 1978

Clavigralla orientalis orientalis Dolling, 1978a: 287, 290. HT: ♂, India, Uttar Pradesh, Kumaon, S Garhwal, 2000 m; BMNH.

Distr. EL: Oriental Region.]

***Clavigralla orientalis serica* Dolling, 1978**

Clavigralla orientalis serica Dolling, 1978a: 287, 291. HT: ♂, CH (SE), Fukien [= Fujian], Shaowu, Aotow; BPBM.

Distr. AS: CH (SE).

Ref.: Hoffmann, 1933 (biol., as *C. gibbosa* Spinola).

***Clavigralla scutellaris* (Westwood, 1842)**

Coreus scutellaris Westwood, 1842: 24. LT (Dolling, 1978a: 293): ♂, India, Gogo; OXUM.

Acanthomia brevirostris Stål, 1873: 82 (syn. Dolling, 1978a: 291). LT (Dolling, 1978a: 293): ♀, Sudan, Chartum [= Khartoum]; NHRS.

Distr. AS: AF IN OM YE. **EL:** tropical Africa (northeast), Oriental Region (west).

Genus *Clavigralloides* Dolling, 1978

Clavigralloides Dolling, 1978a: 285, 293. Type species by original designation: *Lygaeus acantharis* Fabricius, 1803.

***Clavigralloides acantharis* (Fabricius, 1803)**

Lygaeus acantharis Fabricius, 1803: 206. LT (Dolling, 1978a: 297): ♂, CH; ZMUC.

Clavigralla tuberculata Dallas, 1852a: 513 (syn. Distant, 1901a: 426). STS: ♂, ♀, CH (SE), Hong Kong; BMNH (1 ST, ♀?).

Clavigralla spinigera Walker, 1872: 6 (syn. Dolling, 1978a: 296). HT: ♂, Malaysia, Penang; BMNH.

Distr. AS: CH (SE SW). **EL:** Australian and Oriental Region.

***Clavigralloides tuberosus tuberosus* (Hsiao, 1964)**

Clavigralla tuberosa Hsiao, 1964a: 252, 259. HT: ♂, CH (SE), Fujian, Chung-an county, 900 m; IZAS.

Distr. AS: CH (CE SE SW WP).

Extralimital subspecies: *Clavigralloides tuberosus indicus* Dolling, 1978, India.

Genus *Gralliclava* Dolling, 1978

Gralliclava Dolling, 1978a: 285, 304. Type species by original designation: *Clavigralla*

horrens Dohrn, 1860.

***Gralliclava horrens horrens* (Dohrn, 1860)**

Clavigralla horrens Dohrn, 1860a: 403. LT (Dolling, 1978a: 315): ♀, Ceylon [= Sri Lanka]; ZMPA.

Clavigralla spinofemoralis Shiraki, 1913a: 225 (syn. Dolling, 1978a: 312). STS: TA, Taihoku.

Distr. AS: CH (SE SW) JA TA. **EL:** NW Australian and Oriental Region.

Extralimital subspecies: *Gralliclava horrens palawanensis* Dolling, 1978, Philippines.

[*Gralliclava montana montana* Dolling, 1978

Gralliclava montana montana Dolling, 1978a: 306, 311. HT: ♂, India, W Almora, Kumaon; BMNH.

Distr. EL: N India (Sikkim), Nepal.]

***Gralliclava montana sinensis* Dolling, 1978**

Gralliclava montana sinensis Dolling, 1978a: 306, 311. HT: ♂, CH (SE), Kwangtung [= Guangdong], Sheung-shui-heung, Lin-Hsien; BMNH.

Distr. AS: CH (SE). **EL:** Oriental Region (Laos).

Tribe PSEUDOPHLOEINI Stål, 1868

Genus *Anoplocerus* Kiritshenko, 1926

Anoplocerus [sic] Kiritshenko, 1926a: 62. Type species by original designation:

Bothrostethus elevatus Fieber, 1861.

Anoplocerus Kiritshenko, 1927: 324. For *Anoplocerus* Kiritshenko, 1926.

Note: The original spelling was a misprint; the spelling *Anoplocerus* is generally accepted.

***Anoplocerus elevatus* (Fieber, 1861)**

Bothrostethus elevatus Fieber, 1861: 222. ST(S): ♂, IT; MNHN.

Bothrostethus rufulus Jakovlev, 1903c: 291 (syn. Kiritshenko, 1914b: 482). LT (Tshernova, 1979: 580): ♀, GG, Mzchet [= Mtskheta]; ZMAS.

Ceraleptus brevicornis Kormilev, 1939: 25 (syn. Wagner, 1962b: 117). HT: ♀, MC, Skopje; Museum of Natural History, Beograd, YU.

Distr. EU: BU FR GR IT MC PO RO RU (ST) SP UK YU. **NA:** AG. **AS:** AB AF AK AR AT GG KI TD TM UZ.

***Anoplocerus lucasi* (Puton, 1886)**

Gonocerus annulipes Lucas, 1849: 63. HT: AG, Constantine; MNHN.

Bothrostethus lucasi Puton, 1886a: 17. New name for *annulipes* Lucas, 1849.

Distr. EU: IT SP. **NA:** AG MO.

Note: The epithet *annulipes* is neither a primary homonym in *Gonocerus* nor a secondary homonym in *Anoplocerus* but it was a secondary homonym in *Bothrostethus* until the genus *Anoplocerus* Kiritshenko, 1926 was founded; therefore, the epithet *lucasi* continues to be used.

***Anoplocerus luteus* (Fieber, 1861)**

Bothrostethus luteus Fieber, 1861: 223. ST(S): ♀, AT? (Turkey).

Bothrostethus elevatus var. *subinermis* Puton, 1888a: 257 (upgraded to species by Puton, 1892a: 319; syn. Tshernova, 1979: 579). LT (Moulet, 1992: 410, as HT): ♂, AT, Smyrna [= Izmir]; MNHN.

Distr. EU: GR IT MA SP. **NA:** MO TU. **AS:** AB AT TD TM UZ.

Genus *Arenocoris* Hahn, 1834

Arenocoris Hahn, 1834: 109. Type species by subsequent designation (Blanchard, 1841: 104): *Coreus fallenii* Schilling, 1829.

Pseudophloeus Burmeister, 1835: 301, 302, 308 (cited *Arenocoris* in synonymy). Type species by subsequent designation (Brullé, 1836: 359): *Coreus fallenii* Schilling, 1829.

Ammocoris Agassiz, 1846: 17, 33. New name for *Arenocoris* Hahn, 1834.

Psammocoris Marshall, 1868: 281. New name for *Arenocoris* Hahn, 1834.

Boudicca Kirkaldy, 1909a: 30. New name for *Pseudophloeus* Burmeister, 1835.

Ref.: Dolling, 1986 (key).

Arenocoris fallenii (Schilling, 1829)

Coreus fallenii Schilling, 1829: 46 (as *fahlenii*, corrected to *fallenii* in errata page (unnumbered), legend to pl. A on p. 92 and index, p. 220). STS: PL, Silesia; lost.

Atractus literatus Curtis, 1834: pl. 500 and legend (syn. Burmeister, 1839: 1010, as *lituratus*). STS: GB, N Devon, Branton Burrows.

Pseudophloeus egenus Horváth, 1917b: 377 (syn. Tshernova, 1979: 579). LT (Tshernova, 1979: 579, as HT): ♂, UK, Crimea, Karasubazar [= Belogorsk]; HNHM.

Pseudophloeus falleni f. *clericus* Wagner, 1937: 62. STS: ♀, GE, Mainz, Budenheimer Wald; Naturhistorisches Museum, Mainz, GE, and ZMUH?

Distr. EU: AL AU BE BU BY CR CZ DE ET FR GB GE GR HU IT LT LU MA MC MD NL PL PO RO RU (ST) SK SP SV SZ UK YU. **NA:** AG CI LB MO TU. **AS:** AB AT GG IS.

Ref.: Faraci, 2000 (nomencl.).

Arenocoris intermedius (Jakovlev, 1883)

Pseudophloeus intermedius Jakovlev, 1883a: 101. HT: ♂, TM, Krasnovodsk; ZMAS.

Pseudophloeus angustus Reuter, 1891b: 139 (syn. Kiritschenko, 1952: 165). HT: ♀, SI, Musa spring nr Suez; MZHF.

Pseudophloeus gestroi Bergevin, 1930b: 32 (syn. Dolling, 1986: 192). HT: ♂, LB, Giarabub; MCSN.

Distr. EU: GR MA PO SP. **NA:** AG CI! EG LB MO. **AS:** AB CY IN IQ IS KU SA SI TD TM UZ. **EL:** N tropical Africa.

Arenocoris latissimus Seidenstücker, 1960

Arenocoris latissimus Seidenstücker, 1960a: 1. HT: ♂, AT, Vilajet Nigde, S of Ulukischla; ZSMC.

Distr. AS: AF AR AT GG IN.

Arenocoris waltlii (Herrich-Schaeffer, 1835)

Coreus waltlii Herrich-Schaeffer, 1835b: pl. 6 and legend. STS: ♂, ♀, SP; lost.

Coreus hispanus Rambur, 1839: 134 (syn. Fieber, 1861: 389). HT: ♂, SP, Saint-Roque; BMNH.

Pseudophloeus auriculatus Fieber, 1861: 217 (syn. Puton, 1881b: 95). STS: IT, Sicily.

Distr. EU: BE BH BU CR FR GB GE GR IT MA MC NL? PO RO RU (ST) SP SZ UK YU. **NA:** AG CI EG LB MO MR TU. **AS:** AB AF AR AT CY GG IN IQ IS JO KI SY TD TM UZ.

Genus *Bathysolen* Fieber, 1860

Bathysolen Fieber, 1860: 56. Type species by subsequent monotypy (Fieber, 1861: 216):

Coreus nubilus Fallén, 1807.

***Bathysolen nubilus* (Fallén, 1807)**

Coreus nubilus Fallén, 1807: 58. HT: ♀, SV, Esperöd; MZLU.

Pseudophloeus dentipes Boheman, 1852: 51 (syn. Stein, 1860: 252). HT: ♀, SV, Öland; NHRS?

Bathysolen nubilus f. *grisescens* Kormilev, 1939: 24. ST(S): MC, Zelenikovo nr Skoplje; Museum of Natural History, Beograd, YU.

Bathysolen nubilus f. *melanescens* Stichel, 1960a: 390. ST(S): EU.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FR GB GE GR HU IT LA LT LU MC MD NL PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AR GG IS KI RU (ES WS) TD TM UZ.

Ref.: Tshernova, 1982a (distr.).

***Bathysolen poppii* Bergevin, 1913**

Bathysolen poppii Bergevin, 1913: 121. HT: ♂, AG, Bône [= Annaba]; MNHN.

Distr. NA: AG.

Genus *Bothrostethus* Fieber, 1860

Bothrostethus Fieber, 1860: 57. Type species by subsequent designation (Oshanin, 1912: 23): *Bothrostethus denticulatus* sensu Fieber, 1861 (= *Coreus annulipes* Herrich-Schaeffer, 1835).

***Bothrostethus annulipes* (Herrich-Schaeffer, 1835)**

Coreus annulipes Herrich-Schaeffer, 1835a: 42, 73. For *Merocoris dentator* sensu Hahn, 1834: 107 (non Fabricius, 1794). STS: GE, Nürnberg; lost.

Bothrostethus annulipes var. *sabulicola* Horváth, 1895a: 154. ST(S): ♂, ♀, HU (Kecskemet) and YU (Deliblato); HNHN.

Distr. EU: AU? BH BU CR CZ EK FR GE GR HU IT MC PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** AG? **AS:** AB AK AR AT GG IN KI TD UZ.

Note: The epithet *annulipes* is usually credited to A. Costa (1847: 9) in the combination *Merocoris annulipes*. Herrich-Schaeffer (1840c: 366) reduced his own *Coreus annulipes* to synonymy with Burmeister's (1835: 309) concept of *Coreus denticulatus* (Scopoli, 1763) [a misidentification, not *denticulatus* Scopoli, which is a species of *Coriomeris* Westwood]. Costa cited Burmeister's misidentification of *Cimex denticulatus* Scopoli, 1763 in synonymy with *M. annulipes*, showing that he was reviving the epithet *annulipes* Herrich-Schaeffer for this species. The LT designation for "*Merocoris annulipes* A. Costa, 1847" (Carapezza et al., 1995: 282) is invalid, as Costa's specimens are not STS of Herrich-Schaeffer's species.

Genus *Ceraleptus* A. Costa, 1847

Ceraleptus A. Costa, 1847: 11. Type species by subsequent designation (Oshanin, 1912: 23): *Coreus gracilicornis* Herrich-Schaeffer, 1835.

Ceratoleptus Marshall, 1868: 281. Unjustified emendation.

Molus Mulsant & Rey, 1870: 64 (as subgenus of *Ceraleptus*). Type species by monotypy: *Ceraleptus lividus* Stein, 1858.

***Ceraleptus gracilicornis* (Herrich-Schaeffer, 1835)**

Coreus gracilicornis Herrich-Schaeffer, 1835c: pl. 5 and legend. ST(S): IT?; lost.

Coreus gracilicornis Rambur, 1839: 132 (junior primary homonym of *Coreus gracilicornis* Herrich-Schaeffer, 1835; syn. Fieber, 1861: 389). STS: ♂, ♀, SP, Grenada; BMNH.

Arenocoris? tibialis Westwood, 1842: 25 (syn. Dallas, 1852a: 523). ST(S): locality unknown; OXUM.

Distr. EU: AL AN AU BE BH BU CR CZ ET FR GE GR HU IT LU MC MD PL PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG MO MR. **AS:** AB AR AT CY GG IN IQ SY.

Ref.: Tshernova, 1980b (distr.).

***Ceraleptus lividus* Stein, 1858**

Ceraleptus lividus Stein, 1858: 70, 75. STS: ♂, ♀, GE (nr Berlin) and FR (south); ZMHB.

Coreus difficilis Vollenhoven, 1869: 56 (syn. Douglas, 1874: 277). HT: ♂, NL, Den Haag; RMNH.

Distr. EU: AU BE BH BU BY CR CZ DE FR GB GE GR HU IT LU MC MD NL PL PO RO RU (ST) SK SL SP SV SZ UK YU. **AS:** AB AR GG.

***Ceraleptus lugens* Horváth, 1898**

Ceraleptus obtusus var. *lugens* Horváth, 1898a: 68 (upgraded by Moulet, 1990: 23). LT (Moulet, 1990: 25, as HT): ♀, GR, Velestinon; HNHM.

Distr. EU: GR IT YU. **AS:** AB IQ TM.

Ref.: Kerzhner, 2001 (distr.).

Note: Record from TD (Moulet, 1995a) erroneous (Kerzhner, 2003a).

***Ceraleptus obtusus* (Brullé, 1839)**

Coreus obtusus Brullé, 1839: 80. STS: CI, IT (Sicily) and FR (south).

Arenocoris? aegyptius Westwood, 1842: 25 (syn. Horváth, 1889a: 326, with *squalidus*, suspected; 1897: 92). ST(S): EG; OXUM.

Ceraleptus squalidus A. Costa, 1847: 12 (syn. Horváth, 1891b: 41). LT (Carapezza et al., 1995: 283): ♂, IT; ZIUN.

Ceraleptus distinguendus Stein, 1858: 74, 75 (proposed conditionally for dubiously distinct form). HT: ♂, AT, Asia Minor; ZMHB?

Ceraleptus leptocerus Fieber, 1861: 219 (syn. Puton, 1874b: 225, with *squalidus*; 1899: 21). STS: ♂, ♀, EU (south).

Ceraleptus bellieri Signoret, 1862: 375 (syn. Puton, 1874b: 225, with *squalidus*; 1899: 21). ST(S): FR, Corsica.

Ceraleptus obtusus var. *armeniacus* Horváth, 1898a: 68. ST(S): ♂, AR, Alagez Mt.; HNHM.

Distr. EU: AL BH BU CR FR GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG CI EG MO. **AS:** AB AR AT CY GG IN IQ IS KI TD TM UZ.

***Ceraleptus sartus* Kiritschenko, 1912**

Ceraleptus sartus Kiritschenko, 1912a: 382. HT: ♀, UZ, Aman-kutan nr Samarkand; ZMAS.

Distr. AS: AK KI TD TM UZ.

Genus *Coriomeris* Westwood, 1842

Merocoris Hahn, 1834: 105 (junior homonym of *Merocoris* Perty, 1830, Coreidae, Merocorinae). Type species by subsequent designation (Westwood, 1840a: 123):

Cimex denticulatus Scopoli, 1763.

Coriomeris Westwood, 1842: 6. New name for *Merocoris* Hahn, 1834.

Dasycoris Dallas, 1852a: 487. New name for *Merocoris* Hahn, 1834.

Ref.: Tshernova, 1978b (syst.).

***Coriomeris affinis* (Herrich-Schaeffer, 1839)**

Coreus affinis Herrich-Schaeffer, 1839a: 97. ST(S): PO; lost.

Merocoris spinolae A. Costa, 1843: 33 (syn. Puton, 1881b: 103, with *pilicornis* Burmeister, 1835 sensu Puton, 1881 (= *affinis* Herrich-Schaeffer, 1839)). LT (Carapezza et al., 1995: 283): ♂, IT, Naples; ZIUN.

Coriomeris spinolae var. *fraudatrix* Reuter, 1900a: 274. LT (Tshernova, 1979: 580): ♂, FR (south); MZHF.

Coriomeris planicornis Lindberg, 1923: 75, 79 (syn. Moulet, 1991: 59). LT (Tshernova, 1979: 580): ♀, GR, Corfu, Tritelino; MZHF.

Coriomeris affinis aegyptius K Schmidt, 1939b: 351 (syn. Tshernova, 1978b: 565). STS: ♂, ♀, EG, many localities; Ministry of Agriculture, Cairo and ZSMC.

Distr. EU: AL BH BU CR ET FR GR HU IT MC PO RO SP SZ YU. **NA:** AG CI EG LB MO TU. **AS:** AT CY IN IQ IS LE SY.

Note: Lindberg (1923) cited MZHF type numbers, but not associated data, for HT of *C. planicornis* Lindberg, 1923 and LT of *C. fraudatrix* Reuter, 1900 but inadvertently transposed them, so invalidating both designations (Tshernova, 1979: 580). The records for RU (ST) and UK are erroneous.

***Coriomeris alpinus* (Horváth, 1895)**

Coreus alpinus Horváth, 1895a: 155. LT (Moulet, 1992: 411): ♂, SZ, Valais, Bérissal; HNHN.

Coriomeris alticola Jakovlev, 1902b: 348 (syn. Horváth, 1903a: 555). HT: ♀, SZ, Valais, Bérissal; MNHN (Puton collection).

Coriomeris scabricornis var. *perlatus* Cerutti, 1937: 168 (syn. Dethier, 1974: 671). STS: SZ, Valais, Grand Saint Bernard, about 2000 m and Ferret, 2500 m; MZLS.

Distr. EU: AU FR GR IT MC SP SZ YU. **AS:** AT IN MG.

Note: The LT designation for *Coriomeris scabricornis* var. *perlatus* by Dethier (1974: 671) is invalid as the specimen does not belong to the type series, and 1 ST (♀ from Ferret) is present in MZLS.

***Coriomeris apricus* Kiritshenko, 1952**

Coriomeris apricus Kiritshenko, 1952: 168. LT (Tshernova, 1978b: 562): ♂, TD, Kutarm-Akba, 4000 m, 45 km from Stalinabad [= Dushanbe]; ZMAS.

Distr. AS: AF TD.

***Coriomeris armeniacus* Tshernova, 1978**

Coriomeris armeniacus Tshernova, 1978b: 556, 563. HT: ♂, AR, Erevan; ZMAS.

Distr. AS: AB AR AT IN.

***Coriomeris bergevini* Poppius, 1912**

Coriomeris bergevini Poppius, 1912: 165. LT (Lindberg, 1923: 78, as “Type”): ♀, AG, Plaine de Chélif; MZHF.

Distr. NA: AG MO. **AS:** IN IS.

Note: The LT designation by Moulet (1991: 57) is invalid.

***Coriomeris brevicornis* Lindberg, 1923**

Coriomeris brevicornis Lindberg, 1923: 74, 76. HT: ♀, GR, Crete, Mt Ida, nr the Jupiter cave; HNHN.

Distr. AS: GR (Crete).

Ref.: Heiss, 1984 (descr., biol.).

***Coriomeris denticulatus* (Scopoli, 1763)**

Cimex denticulatus Scopoli, 1763: 125. ST(S): IT, Trieste (“Tergestum”); lost.

Cimex spinosulus Sulzer, 1776: 98 (syn. Harrer, 1784: 296). ST(S): SZ, Geneva; lost.
 ?*Cimex spinosomarginatus* Goeze, 1778: 242 (syn. Reuter, 1888a: 157, suspected).
 For *Cimex* no. 23 in Geoffroy, 1762: 447. ST(S): FR, Paris; lost.
 ?*Cimex fimbriatus* Geoffroy in Fourcroy, 1785: 202. Objective synonym of
spinosomarginatus Goeze, 1778.
 ?*Cimex immaculatus* Gmelin, 1790: 2147. Objective synonym of *spinosomarginatus*
 Goeze, 1778.
 ?*Coreus spiniger* Schrekenstein, 1802: 52 (syn. Reuter, 1888a: 157, with
immaculatus). New name for *Cimex immaculatus* Schrank, 1801 (= *Cimex*
immaculatus Gmelin, 1790).
Coreus pilicornis Burmeister, 1835: 309 (syn. A. Costa, 1843: 32). ST(S): GE;
 ZMHB?
Coreus wolffi Gorski, 1852: 148 (syn. Stein, 1860: 248, suspected; Tshernova, 1978b:
 560). ST(S): UK, S Volhynia; lost.
Coriomeris denticulatus var. *granulatus* Cerutti, 1937: 169. LT (Dethier, 1974: 671):
 ♂, SZ, Valais, Martigny; MZLS.
Distr. EU: AL AN AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IT
 LS LT LU MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU.
NA: AG MO. **AS:** AB AR AT GG IN IS SY.
Note: The record for IR is erroneous.
Ref.: Tshernova, 1982c (distr.).

***Coriomeris echinatus* V.G. Putshkov, 1968**

Coriomeris echinatus V.G. Putshkov, 1968: 82. HT: ♂, AK, Shymkent Prov., Aksu-
 Dzhabagly Nature Reserve, nr Novonikolayevka; UASK.
Distr. AS: AK.

***Coriomeris hirticornis* (Fabricius, 1794)**

Coreus hirticornis Fabricius, 1794: 131. ST(S): NA, "Barbaria"; ZMUC (1 ST).
Coreus hirsutus Fieber, 1861: 220 (syn. Reuter, 1888c: 57). STS: ♂, ♀, EU (south);
 NHMW?
Dasycoreus dorsalis Mulsant & Rey, 1870: 50, 148 (syn. Puton, 1873: 23, with
hirsutus). LT (Moulet, 1991: 57): ♂, FR; MHNL.
Coriomeris hirticornis f. *burlinii* Mancini, 1959: 103. HT: ♀, IT, Calabria, Catanzaro.
Distr. EU: AL AU BH BU CR FR GR HU IT MA MC MD PO RO RU (CT ST) SK
 SP SZ UK YU. **NA:** AG EG MO. **AS:** AB AF AR AT CY GG IN IQ IS JO LE SY.
Note: Records for AK and KI are erroneous and the record from CI by Moulet (1995)
 has to be confirmed.

***Coriomeris integerrimus* Jakovlev, 1904**

Coriomeris integerrimus Jakovlev, 1904b: 294. LT (Tshernova, 1978b: 560): ♂, CH
 (WP), N Qinghai, Nan Shan, Yamatyn-umru; ZMAS.
Coriomeris nebulivagus Kiritshenko, 1931a: 363, 369 (syn. Tshernova, 1978b: 560).
 HT: ♀, CH (WP), Xizang, Tibet, Rongbuk, 16,500 ft; BMNH.
Distr. AS: CH (SW/WP WP) JA.

***Coriomeris pallidus* Reuter, 1900**

Coriomeris pallidus Reuter, 1900a: 272. LT (Tshernova, 1979: 580): ♂, KI,
 Kendyktai; MZHF.
Coriomeris pilosus Hsiao, 1977a: 255, 304 (syn. Tshernova, 1979: 578). HT: ♀, CH
 (NW), Xinjiang, Sa-wan county; NKUM.
Distr. EU: RU (ST). **AS:** AF AK AT CH (NW) IN KI LE MG SY TD TM UZ.

Note: Lindberg (1923: 78) attempted to designate a LT for *C. pallidus* Reuter, 1900 by citing its MZHF type number but the designation is invalid as the specimen bearing the number is not part of Reuter's type series of this species (Tshernova, 1979: 580).

***Coriomeris scabricornis scabricornis* (Panzer, 1805)**

Coreus scabricornis Panzer, 1805: pl. 21 and legend. ST(S): GE, Mannhemii [= Mannheim]; lost.

Coreus scabricollis Stephens, 1829: 341. Unnecessary new name for *scabricornis* Panzer, 1805.

Merocoris serratus A. Costa, 1847: 7 (syn. Baerensprung, 1860: 6). LT (Carapezza et al., 1995: 283): ♂, IT, Naples; ZIUN.

Coriomeris nigridens Jakovlev, 1906a: 198 (syn. Tshernova, 1978b: 557). LT (Tshernova, 1978b: 558): ♂, CH (NW), Xinjiang, Kashgar; ZMAS.

Distr. EU: AL AU BE BU BY CZ DE EK EN FR GE GR HU IT LA LT LU MC MD NL PL PO RO RU (CT ST) SK SP SV SZ UK YU. **AS:** AB AF AK AR AT CH (CE NO NW WP) GG IS JA KI KO MG RU (ES FE WS) TD UZ.

Ref.: Tshernova, 1982b (distr.).

Note: Stephens (1829) erroneously catalogued this species as British.

***Coriomeris scabricornis lapponicus* Tshernova, 1978**

Coriomeris scabricornis lapponicus Tshernova, 1978b: 552, 558. HT: ♂, RU (NT) Kola peninsula, lake Imandra, nr Khibiny station; ZMAS.

Distr. EU: FI RU (NT).

Ref.: Tshernova, 1982b (distr.).

***Coriomeris subglaber* Horváth, 1917**

Coriomeris subglaber Horváth, 1917b: 377. ST(S): ♂, GR; HNHM.

Distr. EU: GR. **AS:** AF AT IN.

***Coriomeris validicornis* Jakovlev, 1904**

Coriomeris validicornis Jakovlev, 1904b: 293. LT (Tshernova, 1978b: 560): ♂, AB, Geok-tapa, outskirts of Yelizavetpol' [= Gandja]; ZMAS.

Distr. AS: AB AR AT GG IN.

***Coriomeris vitticollis* Reuter, 1900**

Coriomeris vitticollis Reuter, 1900a: 270. LT (Lindberg, 1923: 78, as "Type"): ♂, Caucasus; MZHF.

Distr. EU: GR RU (ST) UK. **NA:** EG MO! **AS:** AB AF AR AT CY GG IN IQ LE TM.

Note: Many records from Central Asia are referable to *C. pallidus* Reuter, 1900.

Genus *Hoplolomia* Stål, 1873

Hoplolomia Stål, 1873: 82. Type species by monotypy: *Hoplolomia scabricula* Stål, 1873.

***Hoplolomia scabricula* Stål, 1873**

Hoplolomia scabricula Stål, 1873: 84. LT (Dolling, 1986: 162, as HT): ♀, "India Orientalis"; NHRS.

Distr. AS: CH (SW). **EL:** E Oriental Region.

Genus *Loxocnemis* Fieber, 1860

Loxocnemis Fieber, 1860: 57. Type species by subsequent monotypy (Fieber, 1861: 221):

Lygaeus dentator Fabricius, 1794.

***Loxocnemis dentator* (Fabricius, 1794)**

Lygaeus dentator Fabricius, 1794: 138. ST(S): IT; ZMUC (1 ST).

Coreus alternans Herrich-Schaeffer, 1835c: pl. 4 and legend (syn. A. Costa, 1847: 8, suspected; Dallas, 1852a: 519). STS: ♂, SP; lost.

Coreus brevicornis Rambur, 1839: 133 (syn. Fieber, 1861: 221). ST(S): ♂, SP, Grenada; BMNH.

Coreus dufourii Lucas, 1849: 60 (syn. Stein, 1860: 248, with *alternans*; Fieber, 1861: 221). ST(S): AG, Constantine; MNHN.

Loxocnemis dentator var. *perlatus* Cerutti, 1937: 168. LT (Dethier, 1974: 670): ♂, SZ, Valais, Orsières; MZLS.

Distr. EU: AL BH BU CR FR GR IT MA MC PO SL SP SZ YU. **NA:** AG EG LB MO TU. **AS:** AT CY IN IS LE SY.

Note: The record from CI by Moulet (1995) has to be confirmed.

Genus *Mevanidea* Reuter, 1882

Mevania Stål, 1865a: 110 (junior homonym of *Mevania* Walker, 1854, Lepidoptera; syn. Dolling, 1986: 187). Type species by monotypy: *Clavigralla spiniceps* Signoret, 1861, Madagascar.

Mevanidea Reuter, 1882b: 11. Type species by monotypy: *Mevanidea granulifera* Reuter, 1882 (= *Mevania hystrix* Gerstaecker, 1873).

Mevaniella Bergroth, 1907a: 146. New name for *Mevania* Stål, 1865.

***Mevanidea hystrix* (Gerstaecker, 1873)**

Mevania hystrix Gerstaecker, 1873: 408. HT: ♂, Kenya, Mombasa; ZMHB.

Mevanidea granulifera Reuter, 1882b: 12 (syn. Linnavuori, 1978: 36). HT: ♀, Ghana, Addah [= Ada]; MZHF.

Mevanidea kilimana Schouteden, 1912b: 55 (syn. Schouteden, 1938: 295). LT (Dolling, 1986: 189): ♂, Tanzania, Kilimanjaro; NHRS.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Microtelocerus* Reuter, 1900

Microtelocerus Reuter, 1900a: 268. Type species by monotypy: *Microtelocerus testaceus* Reuter, 1900.

***Microtelocerus linnavuorii* Dolling, 1979**

Microtelocerus linnavuorii Dolling, 1979c: 100. HT: ♀, SI, Gebel Serbâl, 1300 m; AMNH.

Distr. NA: LB! **AS:** SI.

***Microtelocerus testaceus* Reuter, 1900**

Microtelocerus testaceus Reuter, 1900a: 269. ST(S): ♀, TD, “Phan” [= valley of river Fan]; MZHF (lost?).

Distr. AS: IN TD.

Note: Records for SI probably refer to *M. linnavuorii* Dolling, 1979. Oshanin (1891: 32) reported the undescribed “*Tschingisia cerealeptoides*” occurring in numbers at another locality in TD; Kiritshenko (1952: 168) referred this material, which was not preserved, to the present species.

Genus *Nemocoris* R.F. Sahlberg, 1848

Nemocoris R.F. Sahlberg, 1848: 5, 41. Type species by monotypy: *Nemocoris fallenii* R.F. Sahlberg, 1848.

Aoplochilus Fieber, 1860: 56 (syn. Nowicki, 1868: 97). Type species by subsequent monotypy (Fieber, 1861: 218): *Aoplochilus marginatus* Fieber, 1861.

Nemocoris fallenii R.F. Sahlberg, 1848

Nemocoris fallenii R.F. Sahlberg, 1848: 42. STS: FI, Yläne.

Coreus neglectus Herrich-Schaeffer, 1850: 256 (syn. Stål, 1862b: 206). HT: ♀, AU ("Niederösterreich"); lost.

Ceraleptus maculatus Stein, 1858: 70, 75 (syn. Stål, 1862b: 206). HT: ♂, GE, Berlin; ZMHB.

Aoplochilus marginatus Fieber, 1861: 218 (syn. Nowicki, 1868: 97). ST(S): ♀, IT, Sicily.

Distr. EU: AU BE BU BY CZ EN FI FR GE HU IT LU MC NR RO RU (CT ST) SK SL SV SZ UK. **AS:** AB AK KI RU (ES FE WS).

Genus *Pseudomyia* Dolling, 1986

Pseudomyia Dolling, 1986: 156, 180. Type species by original designation: *Merocoris spinicollis* Spinola, 1837, Oriental Region.

Pseudomyia cornuta (Hsiao, 1965)

Myla cornuta Hsiao, 1965b: 427, 433. HT: ♀, CH (SW), Yunnan, Xishuang-banna, Xin-man-wo; NKUM.

Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Psilolomia* Breddin, 1909

Psilolomia Breddin, 1909: 292. Type species by monotypy: *Psilolomia brevitibialis* Breddin, 1909, Oriental Region.

Neohoplolomia Distant, 1913b: 284 (syn. Dolling, 1986: 168). Type species by use of "typica": *Neohoplolomia typica* Distant, 1913, Oriental Region.

Psilocoris Hsiao, 1964a: 251, 259 (syn. Dolling, 1986: 168). Type species by original designation: *Psilocoris clavipes* Hsiao, 1964.

Psilolomia clavipes (Hsiao, 1964)

Psilocoris clavipes Hsiao, 1964a: 251, 259. HT: ♀, CH (SW), Yunnan, Jing-dong county, 1250 m; IZAS.

Distr. AS: CH (SW). **EL:** Oriental Region?

Note: *Psilolomia brunneofusca* Dolling, 1986, Oriental Region, may be conspecific with this species (Dolling, 1986: 178).

Genus *Risbecocoris* Izzard, 1949

Risbecocoris Izzard, 1949: 478. Type species by original designation: *Risbecocoris tomentosus* Izzard, 1949.

Risbecocoris tomentosus Izzard, 1949

Risbecocoris tomentosus Izzard, 1949: 478. HT: ♂, Senegal, Bambey; BMNH.

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Linnavuori & Van Harten, 2000 (distr.).

Genus *Strobilotoma* Fieber, 1860

Strobilotoma Fieber, 1860: 56. Type species by subsequent monotypy (Fieber, 1861:

218): *Coreus typhaecornis* Fabricius, 1803.

***Strobilotoma typhaecornis* (Fabricius, 1803)**

Coreus clavicornis Fabricius, 1803: 198. STS: MO, Tangiers; ZMUC.

Coreus typhaecornis Fabricius, 1803: Emendanda. New name for *Coreus clavicornis* Fabricius, 1803.

Atractus genei Spinola, 1837: 212 (syn. Fieber, 1861: 218). STS: ♂, ♀, IT, Sardinia; MRSN

Pseudophloeus obscurus Herrich-Schaeffer, 1840b: 4, 5 (syn. Fieber, 1861: 218). ST(S): ♀, IT, Sicily; lost.

Strobilotoma typhaecornis var. *divergens* Reuter, 1900a: 270. STS: ♂, IT (Sicily, Syracuse), AG (Biskra) and GR (Attica); MZHF.

Distr. EU: AL BH BU CR FR GR IT MA MC PO SP SZ YU. **NA:** AG MO. **AS:** CY IQ IS.

Note: Fabricius (1803: Emendanda) founded *Coreus typhaecornis* to replace *C. clavicornis* Fabricius, 1803: 198 in order to avoid homonymy with *Coreus clavicornis* (Fabricius, 1794), a combination established by him (Fabricius, 1803: 201) for *Lygaeus clavicornis* Fabricius, 1794, now *Rhyodes clavicornis* (Fabricius, 1794), Lygaeidae. The record from CI by Moulet (1995) has to be confirmed.

Genus *Ulmicola* Kirkaldy, 1909

Ulmicola Kirkaldy, 1909a: 30. For *Arenocoris* Hahn, 1834 sensu Fieber, 1860. Type species by original designation: *Coreus spinipes* Fallén, 1807.

***Ulmicola spinipes* (Fallén, 1807)**

Coreus spinipes Fallén, 1807: 57. STS: ♀, SV, Kinnekule and Stockholm; MZLU.

Ulmicola spinipes f. *unicolor* Stichel, 1960a: 391. ST(S): EU.

Distr. EU: AL AU BH BU BY CR CZ EN FI FR GE HU IT LA LT MC NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** CH (NO) MG RU (ES FE WS).

Ref.: Tshernova, 1980a (distr.).

Genus *Urartucoris* P.V. Putshkov, 1979

Urartucoris P.V. Putshkov, 1979: 62. Type species by original designation: *Urartucoris ermolenkoi* P.V. Putshkov, 1979.

***Urartucoris ermolenkoi* P.V. Putshkov, 1979**

Urartucoris ermolenkoi P.V. Putshkov, 1979: 63. HT: ♀, AB, Nakhichevan Prov., 6 km N of Bilav village, 1700 m; UASK.

Distr. AS: AB.

Subfamily COREINAE Leach, 1815

Tribe ACANTHOCORINI Amyot & Serville, 1843

ACANTHOCORINI Amyot & Serville, 1843: xxxiii, 211 (*Acanthocorides*); Agassiz, 1846: 2 (*Acanthocoreoidae*). Type genus: *Acanthocoris* Amyot & Serville, 1843.

PHYSOMERINI Stål, 1873: 36, 69 (*Physomeraria*). Type genus: *Physomerus* Burmeister, 1835.

Note: Stål (1873) included *Acanthocoris* Amyot & Serville, 1843 in his new family-group taxon *Physomeraria*, so tacitly accepting its synonymy with *Acanthocorini*.

Genus *Acanthocoris* Amyot & Serville, 1843

Acanthocoris Amyot & Serville, 1843: 213. Type species by monotypy: *Coreus*

scabrator Fabricius, 1803.

***Acanthocoris scaber* (Linnaeus, 1763)**

Cimex scaber Linnaeus, 1763: 17. ST(S): Indonesia, Java.

Cimex clavipes Fabricius, 1787: 288 (junior primary homonym of *Cimex clavipes* Fabricius, 1775; syn. Hsiao, 1964b: 24). STS: CH; ZMUC.

Cimex magnipes Gmelin, 1790: 2142. New name for *Cimex clavipes* Fabricius, 1787.

Crinocerus fuscus Westwood, 1842: 21 (syn. Distant, 1901b: 330). ST(S): Indonesia, Java; OXUM.

Acanthocoris acutus Dallas, 1852a: 516 (syn. Stål, 1873: 71). STS: ♂, CH; BMNH.

Distr. AS: CH (CE NO SE SW WP) JA KO TA. **EL:** Oriental Region.

Ref.: Hoffmann, 1929 (biol., as *A. scabrator*).

Note: Distant (1901b: 330) synonymized *Crinocerus fuscus* Westwood in part with *Cimex scaber* Linnaeus, 1763 and in part with *Coreus scabrator* Fabricius, 1803.

***Acanthocoris scabrator* (Fabricius, 1803)**

Coreus scabrator Fabricius, 1803: 195. STS: Indonesia, Sumatra; ZMUC (1 ST).

Alydus scaber Thunberg, 1822a: 2 (syn. Stål, 1855b: 346). ST(S): South Africa [in error?]; UZIU.

Crinocerus scabripes Herrich-Schaeffer, 1840b: 18 (syn. Dallas, 1852a: 515). STS: ♂, CH and Philippines (Manila); lost.

Distr. AS: CH? **EL:** Oriental Region.

Note: This is not an African species: *Alydus scaber* Thunberg is either not from South Africa or not a synonym of *Coreus scabrator* Fabricius. Records of *Acanthocoris scabrator* (Fabricius) from CH are possibly erroneous and referable to *Acanthocoris scaber* (Linnaeus) if the two species are truly distinct. *Crinocerus scabripes* Herrich-Schaeffer may enter into the synonymy of the latter.

***Acanthocoris sordidus* (Thunberg, 1783)**

Cimex sordidus Thunberg, 1783: 44 (junior primary homonym of *Cimex sordidus* Goeze, 1778, nomen dubium). ST(S): JA.

Distr. AS: JA KO TA.

Note: As the two homonyms have not been placed in one genus after 1899, provisions of Art. 23.9.5 should apply.

Genus *Cordysceles* Hsiao, 1963

Cordysceles Hsiao, 1963a: 324, 339. Type species by original designation: *Cordysceles turpis* Hsiao, 1963.

***Cordysceles turpis* Hsiao, 1963**

Cordysceles turpis Hsiao, 1963a: 324, 339. HT: ♂, CH (SW), Yunnan, Zhen-kang county; IZAS.

Distr. AS: CH (SW WP).

Genus *Physomerus* Burmeister, 1835

Physomerus Burmeister, 1835: 304, 341. Type species by subsequent designation (Anonymous, 1847: 126): *Lygaeus grossipes* Fabricius, 1794.

***Physomerus grossipes* (Fabricius, 1794)**

Lygaeus grossipes Fabricius, 1794: 135. STS: India, Tranquebar; ZMUC.

Lygaeus calcar Fabricius, 1803: 214 (syn. Herrich-Schaeffer, 1841: 60, suspected; probable Stål, 1873: 70). STS: India, Bengal; ZMUC.

Coreus (*Cerbus*) *oedymerus* Burmeister, 1834a: 296 (syn. Walker, 1871: 55, with

calcar, suspected; probable Stål, 1873: 70). STS: ♂, ♀, Philippines, Luzon Is.; ZMHB?

Physomerus delineatus Walker, 1871: 59 (syn. Distant, 1901a: 421). STS: ♂, Singapore and Malaysia (Sarawak); BMNH.

Distr. AS: CH (SE SW) JA TA. **EL:** Oriental Region.

Note: The synonymies of *Lygaeus calcar* Fabricius and *Coreus oedymerus* Burmeister were accepted without qualification by Lethierry & Severin (1894: 57).

Tribe ANHOMOEINI Hsiao, 1964

ANHOMOEINI Hsiao, 1964b: 21, 27. Type genus: *Anhomoeus* Hsiao, 1963.

Genus *Anhomoeus* Hsiao, 1963

Anhomoeus Hsiao, 1963a: 327, 341. Type species by original designation: *Anhomoeus fusiformis* Hsiao, 1963.

Ref.: Ahmad & Sheikh, 1983 (syst.).

Anhomoeus fusiformis Hsiao, 1963

Anhomoeus fusiformis Hsiao, 1963a: 327, 341. HT: ♀, CH (SW), Yunnan, Pu-er county; IZAS.

Distr. AS: CH (SW).

Tribe ANISOSCELINI Laporte, 1832

ANISOSCELINI Laporte, 1832: 4 (Anisoscélites); A. Costa, 1843: 36 (Anisoscellini); Stål, 1868b: 543 (Anisoscelidida). Type genus: *Anisoscelis* Berthold, 1827 (= *Leptoglossus* Guérin-Ménéville, 1831).

Note: The name Anisoscélites is a vernacular one; it was first spelt without an acute accent, Anisoscclites, by Westwood (1840b: 482, footnote, and synopsis; 1840a: 123) as syn. of Coreidae. Amyot & Serville (1843: xxxiv, 217) used the spelling Anisoscélides. The first undoubted Latin form of the name is that of A. Costa, 1843, as indicated above. Stål's emendation is considered grammatically incorrect by Packauskas (1994: 44).

Genus *Leptoglossus* Guérin-Ménéville, 1831

Hypselonotus Hahn, 1826: pl. 5, caption and legend. Type species by monotypy:

Hypselonotus scriptus Hahn, 1826 (= *Cimex stigma* Herbst, 1784), Brazil.

Anisoscelis Berthold, 1827: 417. Type species by subsequent designation (Chenu & Desmarest, 1859: 213): *Cimex membranaceus* Fabricius, 1781 (= *Cimex gonagra* Fabricius, 1775).

Leptoglossus Guérin-Ménéville, 1831: pl. 12. Type species by monotypy: *Leptoglossus dilaticollis* Guérin-Ménéville, 1831, Brazil.

Theognis Stål, 1862a: 294 (syn. Stål, 1868a: 51). Type species by subsequent designation (Kiritshenko, 1935: 191): *Hypselonotus scriptus* Hahn, 1826 (= *Cimex stigma* Herbst, 1784), Brazil.

Microphyllia Stål, 1870: 167 (junior homonym of *Microphyllia* d=Orbigny, 1849, Coelenterata; syn. Packauskas & Schaefer, 2001: 250). Type species by monotypy: *Theognis fasciolatus* Stål, 1862, Colombia.

Haeckelia Kirkaldy, 1904: 280 (junior homonym of *Haeckelia* Carus, 1863, Coelenterata). New name for *Microphyllia* Stål, 1870.

Nannophyllia Bergroth, 1913a: 143. New name for *Microphyllia* Stål, 1870 and *Haeckelia* Kirkaldy, 1904.

Stalifera Osuna, 1984: 108 (syn. Packauskas & Schaefer, 2001: 250). Type species by

original designation: *Anisoscelis cincta* Herrich-Schaeffer, 1836, Brazil.
Fabrictilis Osuna, 1984: 112 (syn. Packauskas & Schaefer, 2001: 250). Type species by original designation: *Cimex gonagra* Fabricius, 1775.
Veneza Osuna, 1984: 117 (syn. Packauskas & Schaefer, 2001: 250). Type species by original designation: *Anisoscelis zonata* Dallas, 1852, Mexico.
Ref.: Allen, 1969 (rev.); Osuna, 1984 (tax.).
Note: *Hypselonotus* was redescribed by Hahn (1833a: 186B187, pl. 30), with included species *Hypselonotus interruptus* Hahn, 1833 (= *Hypselonotus fulvus* (De Geer, 1773) and *Hypselonotus dimidiatus* Hahn, 1833. Hahn's publication of 1826 is accepted as valid in, for example, founding the genus *Dicranocephalus* Hahn, 1826; yet modern authors use the name *Hypselonotus* Hahn, 1833 for a well-known American genus that includes both species mentioned in the 1833 work but not that mentioned in 1826. *Anisoscelis* was described without included species by Berthold (1827), following Latreille (1825), a work that used only vernacular names for genera. Germar (1829: 296) used *Anisoscelis* as a subgenus of *Coreus*, giving as examples *Cimex nugax* Fabricius, 1781 (= *Dicranocephalus agilis* (Scopoli, 1763)), *Cimex femoratus* Fabricius, 1775 (= *Acanthocephala femorata* (Fabricius, 1775) or *Rhinuchus femoratus* (Fabricius, 1775)), *Lygaeus calcar* Fabricius, 1803 (= *Physomerus grossipes* (Fabricius, 1794)) and *Cimex valgus* Linnaeus, 1758 (= *Elasmopoda valga* (Linnaeus, 1758)). None of these is currently regarded as a species of *Anisoscelis* or even of Anisoscelini. Latreille (1829b: 196) may take priority over Germar (1829). Latreille included 15 species in *Anisoscelis* in his 1829 publication. Packauskas & Schaefer (2001: 253) regarded the action of Laporte (1833: 31) in selecting *Lygaeus foliaceus* Fabricius, 1803 as an example of the genus as a type species fixation. I can find no indication in Laporte's work that this was his intention. Osuna (1984) elevated Allen's (1969) divisions and species-groups of *Leptoglossus* to full generic status, founding the three new genera indicated above and recognising *Theognis* as a full genus with type species *Theognis lineosus* Stål, 1862, apparently unaware of Kiritschenko's (1935) designation of *Hypselonotus scriptus* Hahn, 1826. If a generic or subgeneric name is required for *Leptoglossus gonagra* (Fabricius), *Fabrictilis* Osuna, 1984 is available.

***Leptoglossus gonagra* (Fabricius, 1775)**

Cimex gonagra Fabricius, 1775: 708. ST(S): Insula St. Thomae Americae [= St Thomas Is., Virgin Is]; ZMUC (1 ST).
Cimex australis Fabricius, 1775: 708 (syn. Baranowski & Slater, 1986: 21). STS: Otaheite [= Tahiti]; BMNH.
Cimex membranaceus Fabricius, 1781: 351 (syn. Brullé, 1839: 80). STS: Cape Verde Is, St Iago; BMNH.
Cimex grallator Herbst, 1784: 259 (syn. Stål, 1870: 165). ST(S): Surinam.
Anisoscelis antica Herrich-Schaeffer, 1836: 92 (syn. Westwood, 1842: 16, suspected; Stål, 1870: 165). HT: ♀, Brazil; lost.
Cimex momordicae Forster, 1844: 16 (syn. Erichson, footnote in Forster, 1844: 17, with *membranaceus*). ST(S): Cape Verde Is.
Anisoscelis orientalis Dallas, 1852a: 454 (syn. Stål, 1871: 609, with *membranaceus*). STS: Indonesia (Java) and Philippines.
Anisoscelis bidentatus Montrouzier, 1855: 101 (syn. Montrouzier, 1855: 101, with *australis*, suspected; Signoret in Montrouzier, 1861: 66, as *bidentulatus*, lapsus, with *australis*). STS: Woodlark Island and New Caledonia; MRAC.
Anisoscelis flavopunctatus Signoret, 1863: 26 (syn. Stål, 1865a: 86, with

membranaceus). ST(S): Réunion.
Anisoscelis praecipua Walker, 1871: 128 (syn. Distant, 1901a: 431). HT: ♀, Mexico, Orizaba; BMNH.
Leptoglossus membranaceus var. *sumbawensis* Blöte, 1936: 29. HT: ♀, Indonesia, Sumbawa; RMNH.
Distr. NA: CI. **AS:** CH (SW) JA TA. **EL:** Neotropical, Nearctic, Afrotropical, Oriental and Australian Regions.

***Leptoglossus occidentalis* Heidemann, 1910**

Leptoglossus occidentalis Heidemann, 1910: 196. LT (Allen, 1969: 131): ♂, USA, Utah, Amarilla; USNM.
Distr. EU (introduced): AU CR IT SL SP. **EL:** Nearctic Region.
Ref.: Villa et al., 2001 (biol., distr.).

Tribe CHARIESTERINI Stål, 1868

CHARIESTERINI Stål, 1868b: 546. Type genus: *Chariesterus* Laporte, 1833.

Genus *Chariesterus* Laporte, 1833

Chariesterus Laporte, 1833: 41, 44. Type species by monotypy: *Chariesterus gracilis* Laporte, 1833 (= *Pendulinus armatus* Thunberg, 1825), Neotropical.
Austrocoris Hsiao, 1965b: 426, 433 (syn. Hsiao et al., 1977: 253, 304). Type species by original designation: *Austrocoris antennalis* Hsiao, 1965 (= *Coreus antennator* Fabricius, 1803).
Ref.: Ruckes, 1955 (syst.).
Note: Laporte (1833: 44) also mentioned *Cimex hasticornis* Thunberg, 1784 as probably belonging to this genus. Brullé (1836: 365) stated that *gracilis* was the type species, treating *Chariesterus* as an infrasubgeneric division of *Coreus* Fabricius, 1803.

***Chariesterus antennator* (Fabricius, 1803)**

Coreus antennator Fabricius, 1803: 198. ST(S): USA, Carolina; MNHN (1 ST).
Gonocerus dubius Say, 1832: 10 (syn. Stål, 1870: 178). ST(S): USA.
Austrocoris antennalis Hsiao, 1965b: 426, 433 (syn. Hsiao et al., 1977: 254, 304). HT: ♂, CH (SE), Guangdong, Guangzhou; Zhongshan University, Guangzhou, Guangdong, CH.
Distr. AS: CH (SE). **EL:** Nearctic Region.
Note: Probably introduced into CH with ballast; feeds on *Euphorbia* spp. All members of the tribe are native to the Nearctic and Neotropical Regions.

Tribe CLORESMINI Stål, 1873

CLORESMINI Stål, 1873: 33, 35, 64 (Cloresmaria). Type genus: *Cloresmus* Stål, 1860.
NOTOBITINI Bergroth, 1913: 126, 139 (Notobitaria). Type genus: *Notobitus* Stål, 1860.
Note: Bergroth (1913: 139) included *Cloresmus*, the type species of Cloresmaria, in his new tribe Notobitaria, implying that Notobitaria was intended as a replacement for Cloresmaria.
Ref.: Hsiao, 1963b (key, syst., Chinese genera and species).

Genus *Cloresmus* Stål, 1860

Cloresmus Stål, 1860a: 451. Type species by monotypy: *Cloresmus signoreti* Stål, 1860, Indonesia (Java).

***Cloresmus modestus* Distant, 1901**

Cloresmus modestus Distant, 1901c: 14. STS: ♂, ♀, India (North Khasia Hills) and Singapore; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Hoffmann, 1933 (biol.).

***Cloresmus pulchellus* Hsiao, 1963**

Cloresmus pulchellus Hsiao, 1963b: 507. HT: ♂, CH (SW), Yunnan, Jing-hong county, You-le-shan; IZAS.

Distr. AS: CH (SW).

***Cloresmus similis* (Dallas, 1852)**

Nematopus similis Dallas, 1852a: 425. ST(S): ♂, locality unknown; BMNH.

Distr. AS: CH (SW WP).

***Cloresmus yunnanensis* Hsiao, 1963**

Cloresmus yunnanensis Hsiao, 1963a: 323, 338. HT: ♂, Yunnan, Jing-dong county; IZAS.

Distr. AS: CH (SW). **EL:** Vietnam.

Genus *Notobitiella* Hsiao, 1963

Notobitiella Hsiao, 1963a: 322, 338. Type species by original designation: *Notobitiella elegans* Hsiao, 1963.

***Notobitiella elegans* Hsiao, 1963**

Notobitiella elegans Hsiao, 1963a: 323, 338. HT: ♂, CH (SW), Yunnan, Xishuang-banna, Xiao-meng-yang; IZAS.

Distr. AS: CH (SW WP).

Genus *Notobitus* Stål, 1860

Notobitus Stål, 1860a: 451. Type species by subsequent designation (Distant, 1902a: 370): *Cimex meleagris* Fabricius, 1787.

Ref.: Hoffmann, 1933 (biol., refers to genus, not particular species).

***Notobitus elongatus* Hsiao, 1977**

Notobitus elongatus Hsiao, 1977a: 223, 304. HT: ♀, CH (SW), Yunnan, Xishuang-banna; NKUM.

Distr. AS: CH (SW).

***Notobitus excellens* Distant, 1879**

Notobitus excellens Distant, 1879a: 129. ST(S): India.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Notobitus femoralis* Z.Y. Chen, 1986**

Notobitus femoralis Z.Y. Chen, 1986: 325. HT: ♀, CH (SE), Guangdong, Mt Nankun, 23°38' N, 114°38' E; Zhongshan University, Guangzhou, Guangdong, CH.

Distr. AS: CH (SE).

***Notobitus meleagris* (Fabricius, 1787)**

Cimex meleagris Fabricius, 1787: 297. ST(S): CH; ZMUC (1 ST).

Distr. AS: CH (CE SE SW) TA. **EL:** Oriental Region.

Note: Lichtenstein (1796: 107) based his *Lygaeus serratilumbis* on the insect described and figured as “De Zaagpoot” by Stoll (1788: 154, pl. 38, fig. 278) from CH. Stål (1873: 65) cited Stoll’s figure, but not Lichtenstein’s name for it, under *Notobitus*

meleagris (Fabricius, 1787). The work by Lichtenstein is suppressed for nomenclatural purposes (Opinion 1820, 1995).

***Notobitus montanus* Hsiao, 1963**

Notobitus montanus Hsiao, 1963a: 322, 337. HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (CE SW WP). **EL:** Vietnam.

***Notobitus sexguttatus* (Westwood, 1842)**

Nematopus sexguttatus Westwood, 1842: 13. ST(S): ♂, CH?; OXUM.

Distr. AS: CH (SE SW).

Tribe COLPURINI Breddin, 1900

LYBANTINI Stål, 1871: 653 (Lybantaria). Type genus: *Lybas* Dallas, 1852 (preoccupied name) (= *Hygia* Uhler, 1861).

COLPURINI Breddin, 1900a: 39. Type genus: *Colpura* Bergroth, 1894 (= *Hygia* Uhler, 1861).

PACHYCEPHALINI Breddin, 1900b: 194. For Lybantini Stål. Type genus:

Pachycephalus Uhler, 1860 (= *Hygia* Uhler, 1861).

HYGIINAE Kirkaldy, 1902: 303. For Lybantini Stål. Type genus: *Hygia* Uhler, 1861.

AGATHYRNINI Breddin, 1906a: 47 (Agathyrnaria). For Colpurini Breddin, 1900. Type genus: *Agathyrna* Stål, 1861.

Genus *Hygia* Uhler, 1861

Pachycephalus Uhler, 1860: 225 (junior homonym of *Pachycephalus* Stephens, 1826, Aves). Type species by monotypy: *Pachycephalus opacus* Uhler, 1860.

Hygia Uhler, 1861a: 287. New name for *Pachycephalus* Uhler, 1860.

Note: The Oriental genus *Wolfius* Distant, 1902 (type species by original designation: *Wolfius exemplificatus* Distant, 1902, Burma), probably enters into the synonymy of this genus as at present constituted; see key of Distant (1902a: 376).

Extralimital subgenera: *Australoculpura* Brailovsky, 1993 (Australia), and *Caraculpura* Breddin, 1900, *Euculpura* Breddin, 1900, *Pteroculpura* Blöte, 1936, *Sphinctoculpura* Breddin, 1900, *Stenoculpura* Breddin, 1900 and *Trichoculpura* Breddin, 1900 (all from the Oriental Region).

Subgenus *Colpura* Bergroth, 1894

Lybas Dallas, 1852a: 450, 463 (junior homonym of *Lybas* Chevrolat, 1835, Coleoptera). Type species by subsequent designation (Kirkaldy, 1900b: 240): *Lybas annulipes* Dallas, 1852, India.

Colpura Bergroth, 1894b: 154 (downgraded by Blöte, 1936: 35). New name for *Lybas* Dallas, 1852.

Lybastes Kirkaldy, 1900b: 240. New name for *Lybas* Dallas, 1852.

Vittorius Distant, 1902a: 381 (syn. Kiritshenko, 1916a: 108, 112). Type species by original designation: *Vittorius adpersus* Distant, 1902, Burma.

Note: Ahmad (1969: 65) reinstated *Colpura* as a full genus but his action has not been accepted by subsequent authors. Distant (1902a: 377) stated that the type species of *Colpura* Bergroth, 1894 was *Colpura obscura* (Dallas, 1852). Concerning records of the latter species from KO and CH, see Kerzhner & Brailovsky (2003).

***Hygia bidentata* Ren, 1987**

Hygia (Colpura) bidentata Ren, 1987: 87, 91. HT: ♂, CH (SW), Guizhou, Leigong

- mountain, 1000 m; NKUM.
Distr. AS: CH (SW).
- Hygia bituberosa* Ren & Jin, 1985**
Hygia (Colpura) bituberosa Ren & Jin, 1985: 315. HT: ♀, CH (WP), Xizang, Medog, 1250 m; MSIE.
Distr. AS: CH (WP).
- Hygia capitata* Ren & Jin, 1985**
Hygia (Colpura) capitata Ren & Jin, 1985: 314, 317. HT: ♀, CH (WP), Xizang, Medog, 950 m; MSIE.
Distr. AS: CH (WP).
- Hygia cornosa* Ren, 1987**
Hygia (Colpura) cornosa Ren, 1987: 88, 91. HT: ♂, CH (SW), Yunnan, Meng-a; IZAS.
Distr. AS: CH (SW).
- Hygia fasciiger* Hsiao, 1964**
Hygia fasciiger Hsiao, 1964c: 95, 100. HT: ♂, CH (SW), Yunnan, Xishuang-banna, Meng-zhou, 620B650 m; IZAS.
Distr. AS: CH (SW).
- Hygia funebris* (Distant, 1901)**
Colpura funebris Distant, 1901c: 16. ST(S): India, Sikkim; BMNH.
Distr. AS: CH (SW WP). **EL:** India.
- Hygia funesta* Hsiao, 1964**
Hygia funesta Hsiao, 1964c: 93, 95, 100. HT: ♀, CH (SE), Guangdong, Mt Long-tou, 600 m; Zhongshan University, Guangzhou, Guangdong, CH.
Distr. AS: CH (SE).
- Hygia hainana* Hsiao, 1964**
Hygia hainana Hsiao, 1964c: 93, 95, 97, 100. HT: ♀, CH (SE), Hainan, Quiong-shan county; Zhongshan University, Guangzhou, Guangdong, CH.
Distr. AS: CH (SE).
- Hygia lata* Hsiao, 1964**
Hygia lata Hsiao, 1964c: 93, 95, 96, 100. HT: ♀, CH (SE), Guangdong, Mt Long-tou, 900 m; Zhongshan University, Guangzhou, Guangdong, CH.
Distr. AS: CH (SE).
- Hygia lativentris* (Motschulsky, 1866)**
Maccevethus lativentris Motschulsky, 1866: 188. LT (Kerzhner & Jansson, 1985: 41): ♀, JA; ZMUM.
Pachycephalus touchei Distant, 1901c: 19 (syn. Kerzhner & Brailovsky, 2003: 99). LT (Ahmad, 1969: 74, as HT): ♂, CH (SE), Fujian, Kualun; BMNH.
Distr. AS: CH (CE NO SE SW WP) JA KO TA. **EL:** India (Sikkim), Vietnam.
- Hygia lobata* Ren, 1987**
Hygia (Colpura) lobata Ren, 1987: 89, 92. HT: ♂, CH (SE), Guangxi, Ningming, 150 m; NKUM.
Distr. AS: CH (SE).

***Hygia nana* Hsiao, 1964**

Hygia nana Hsiao, 1964c: 93, 95, 100. HT: ♀, CH (SW), Yunnan, Si-mao county, 1700 m; IZAS.

Distr. AS: CH (SW).

***Hygia noctua* (Distant, 1901)**

Colpura noctua Distant, 1901c: 18. STS: Indonesia (Java), Burma and India (upper Assam); BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Hygia notata* Ren & Jin, 1985**

Hygia (Colpura) notata Ren & Jin, 1985: 316, 318. HT: ♂, CH (WP), Xizang, Medog, 1370 m; MSIE.

Distr. AS: CH (WP).

***Hygia omeia* Hsiao, 1963**

Hygia omeia Hsiao, 1963a: 325, 340. HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (SW).

Note: Transferred from *Hygia* sensu stricto by Hsiao (1964c: 95, 100).

***Hygia rostrata* Hsiao, 1964**

Hygia rostrata Hsiao, 1964c: 95, 97, 100. HT: ♂, CH (SW), Yunnan, Xishuang-banna, Meng-a, 1050 m; TMNH.

Distr. AS: CH (SW).

***Hygia simulans* Hsiao, 1964**

Hygia simulans Hsiao, 1964c: 93, 95, 96, 100. HT: ♀, CH (SW), Yunnan, Jin-ping county, Meng-la, 400 m; IZAS.

Distr. AS: CH (SW).

***Hygia unicolor* Ren, 1987**

Hygia (Colpura) unicolor Ren, 1987: 87, 91. HT: ♂, CH (SW), Yunnan, Jing-hong county; NKUM.

Distr. AS: CH (SW).

Note: The original description spells the trivial epithet *unicollor* (p. 87), *unicolor* (p. 88) and *unicola* (p. 91).

***Hygia wulingana* Ren, 1993**

Hygia (Colpura) wulingana Ren, 1993: 345, 350. HT: ♂, CH (SW) Guizhou, Shi-qian county, Jin-xing, 670B800 m; IZAS.

Distr. AS: CH (SW).

***Hygia yunnana* Hsiao, 1964**

Hygia yunnana Hsiao, 1964c: 93, 95, 97, 100. HT: ♀, CH (SW), Yunnan, Xishuang-banna, Meng-a, 1000 m; TMNH.

Distr. AS: CH (SW WP).

Subgenus *Hygia* Uhler, 1861

***Hygia magna* Hsiao, 1964**

Hygia magna Hsiao, 1964c: 94, 99. HT: ♂, CH (SW), Yunnan, Jin-ping county, Meng-la, 370 m; IZAS.

Distr. AS: CH (SW).

***Hygia opaca* (Uhler, 1860)**

Pachycephalus opacus Uhler, 1860: 226. LT (Kerzhner & Brailovsky, 2003: 99): ♂, JA, Ryukyus, Takanosima [= Tokunoshima]; USNM.

Hygia japonica Ahmad, 1969: 67, 74 (syn. Kerzhner & Brailovsky, 2003: 99). HT: ♂, JA; BMNH.

Distr. AS: CH (CE SE SW) JA KO TA. **EL:** Vietnam.

Ref.: Hoffmann, 1934a (biol.).

Note: Ahmad (1969: 73) erroneously described “*Hygia opaca opaca*” as a new subspecies and designated for it HT and PTS not among the STS of *Pachycephalus opacus*. The species he actually dealt with was *Hygia lativentris* (see Kerzhner & Brailovsky, 2003: 99).

***Hygia pedestris* Blöte, 1936**

Hygia (Hygia) pedestris Blöte, 1936: 39. HT: ♂, TA, Kosempo [= Chiahhsien]; RMNH.

Distr. AS: TA.

***Hygia pusilla* Ren, 1987**

Hygia (Hygia) pusilla Ren, 1987: 86, 91. HT: ♂, CH (SW), Yunnan, Jing-hong county; NKUM

Distr. AS: CH (SW).

***Hygia rosacea* Ren, 1987**

Hygia (Hygia) rosacea Ren, 1987: 85, 90. HT: ♂, CH (SE), Hainan; NKUM.

Distr. AS: CH (SE).

***Hygia signata* Ren, 1987**

Hygia (Hygia) signata Ren, 1987: 86, 90. HT: ♀, CH (SW), Yunnan, Lushui, 1750 m; IZAS.

Distr. AS: CH (SW).

Tribe COREINI Leach, 1815

SYROMASTINI Amyot & Serville, 1843: xxxiii, 206 (Syromastides); Agassiz, 1846: 359 (Syromastoidae). Type genus: *Syromastes* sensu Amyot & Serville, 1843 (= *Coreus* Fabricius, 1794).

SPATHOCERINI Mulsant & Rey, 1870: 9, 93 (Spathocériens); Oshanin, 1906: 193 (Spathoceraria). Type genus: *Spathocera* Stein, 1860.

ATRACTINI Stål, 1872a: 52 (Atractaria). Type genus: *Atractus* Laporte, 1833 (= *Spathocera* Stein, 1860).

CENTROSCELINI Lethierry & Severin, 1894: 69 (Centroscelidae). Type genus: (?) *Centroscelis* Jakovlev, 1874.

Note: Lethierry & Severin (1894) appear to have derived the family-group name Centroscelidae from that of the reduviid genus *Centroscelis* Jakovlev, 1874 (incidentally a junior homonym of *Centroscelis* Chevrolat in Dejean, 1835, Coleoptera); they probably intended to derive the name from that of the coreid genus *Centrocoris* Kolenati, 1845.

Genus *Centrocoris* Kolenati, 1845

Centrocoris Kolenati, 1845: 45. Type species by subsequent designation (Reuter, 1888a: 154, 405): *Centrocoris pallescens* Kolenati, 1845 (= *Cimex spiniger* Fabricius, 1781).

Centrocarenus Fieber, 1860: 60 (syn. Garbiglietti, 1869: 109). Type species by subsequent designation (Kiritshenko, 1916a: 286): *Cimex spiniger* Fabricius, 1781.

Ref.: Horváth, 1884a (syst.).

Note: Reuter (1888a: 405) cited *Cimex spiniger* Fabricius as type species of *Centrocoris* Kolenati, 1845; this is not one of the species originally included but in the same work (Reuter, 1888a: 154) he cited an originally included species, *Centrocoris pallescens* Kolenati, in synonymy with *spiniger*, making this a valid designation of *pallescens* as type species.

***Centrocoris annae* (Puton, 1874)**

Centrocarenus annae Puton, 1874a: 435. LT (Moulet, 1991: 54): ♂, AG, Biskra; MNHN.

Distr. NA: AG MO. **AS:** IS.

***Centrocoris degener* (Puton, 1874)**

Centrocarenus degener Puton, 1874a: 435. LT (Moulet, 1991: 51): ♂, AG, Biskra; MNHN.

Distr. NA: AG EG TU. **AS:** AT IN IQ IS KU OM SA SY YE. **EL:** Afrotropical Region (Sudan).

***Centrocoris desertorum* Linnavuori, 1960**

Centrocoris desertorum Linnavuori, 1960: 23. HT: ♂, IS, Revivim; AMNH.

Distr. AS: IN IS.

***Centrocoris inflaticeps* Kiritschenko, 1916**

Centrocoris inflaticeps Kiritschenko, 1916a: 293, 297. LT (Tshernova, 1979: 580): ♂, TM, Tersakan; ZMAS.

Distr. AS: IN TM.

***Centrocoris marmottani* Puton, 1887**

Centrocoris marmottani Puton in Puton & Lethierry, 1887: 299. HT: ♀, AG, Biskra; MNHN.

Distr. NA: AG TU. **AS:** AF.

***Centrocoris spiniger* (Fabricius, 1781)**

Cimex branderi Linnaeus, 1767: 724 (nomen oblitum; syn. nov.). ST(S): NA, Barbaria; LSUK (1 ST).

Cimex spiniger Fabricius, 1781: 350. STS: IT; ZMUC.

Centrocoris pallescens Kolenati, 1845: 47 (syn. Dallas, 1852a: 509). LT (Kerzhner, 2003b: 94): ♀, AB, Karabakh; NHMW.

Centrocoris spiniger race *subinermis* Rey, 1887a: 1 (upgraded by Horváth, 1898b: 149; syn. Vázquez, 1987: 234). ST(S): AG; MHNL.

Centrocoris bampurensis Linnavuori, 1968: 199 (syn. Tshernova, 1979: 578). HT: ♀, IN, Farsistan, 25 km SW of Jahrom; ZMAS.

Distr. EU: AL AU? BH BU CR CZ ET FR GR HU IT MC MD PO RO RU (ST) SL SP SZ UK YU. **NA:** AG LB MO TU. **AS:** AB AR AT CY GG IN IQ IS JO SY TM.

Note: The surviving type specimen of *Cimex branderi* Linnaeus, 1767 in LSUK resembles Rey's "race" *subinermis*. It is without data and lacks the terminal segments of both antennae as it presumably did when Linnaeus described it in his section "seticornes". The record from RU (CT: Bashkiria) apparently is based on mislabelling, and those from AK on misidentification.

***Centrocoris variegatus* Kolenati, 1845**

Centrocoris variegata Kolenati, 1845: 46. LT (Kerzhner, 2003b: 94): ♀, AB. Elisabethpol [= Gandja]; NHMW.

Centrocarenus spiniger var. *nigricans* Fieber, 1861: 231 (syn. Puton, 1886a: 16).

ST(S): EU (south).

Centrocoris variegatus f. *convergens* Sienkiewicz in Stichel, 1959: 377. ST(S): EU.

Distr. EU: AL BH BU CR ET FR GR HU IT MA MC PO RO SL SP SZ YU. **NA:** AG CI EG LB MO MR TU. **AS:** AB AR AT CY GG IN IS JO.

***Centrocoris volxemi* (Puton, 1878)**

Centrocarenus volxemi Puton, 1878: 173. LT (Moulet, 1991: 51): ♀, GG, Lagodekhi; MNHN.

Centrocarenus coroniceps Jakovlev, 1879: 52 (syn. Puton, 1881c: 29). LT (Kerzhner, 2003a: 102): AT, Ararat; ZMAS.

Centrocarenus balassogloi Jakovlev, 1883a: 103 (syn. Kiritshenko, 1916a: 310). HT: ♂, AK, Turkestan (Tasch-Suat); ZMAS.

Centrocarenus ruficeps Jakovlev, 1908a: 236 (syn. Kiritshenko, 1916a: 310, 315). LT (Tshernova, 1979: 580): ♀, UZ, Ak-rabat, 20 km W of Derbent; ZMAS.

Centrocoris scutellaris Linnavuori, 1968: 197 (syn. Moulet, 1991: 52). HT: ♀, SA, Ramlat Sahma; BMNH.

Distr. EU: RU (ST). **AS:** AB AF AK AR AT CH (NW) GG IN IQ KI MG SA TD TM UZ.

Genus *Cercinthus* Kiritshenko, 1916

Cercinthus Kiritshenko, 1916a: 31, 316. Type species by original designation:

Cercinthus annulipes Kiritshenko, 1916.

Note: This genus was named *Kuschakewitschia* (nomen nudum) by Oshanin (1891: 32, 66).

***Cercinthus annulipes* Kiritshenko, 1916**

Cercinthus annulipes Kiritshenko, 1916a: 321. HT: ♀, AK, Perovsk [= Kzyl Orda]; ZMAS.

Distr. AS: AK TD TM UZ.

Note: This species was named *Kuschakewitschia brevirostris* (nomen nudum) by Oshanin (1891: 32).

Genus *Cercinthus* Stål, 1860

Cercinthus Stål, 1860a (early): 475. Type species by monotypy: *Centrocoris lehmannii* Kolenati, 1857.

Coccocephalus Fieber, 1860 (November): 60 (syn. Stål, 1872a: 52). Type species by subsequent monotypy (Fieber, 1861: 231): *Coccodocephalus griseus* Fieber, 1861.

Coccodocephalus Fieber, 1861: 231, 443. Corrected spelling for *Coccocephalus* Fieber, 1860.

***Cercinthus elegans* (Brullé, 1839)**

Coreus elegans Brullé, 1839: 79. LT (Moulet & Pluot-Sigwalt, 1998: 112, as HT): ♂, CI; MNHN.

Distr. NA: CI.

***Cercinthus griseus* (Fieber, 1861)**

Coccodocephalus griseus Fieber, 1861: 231. ST(S): ET?

Distr. EU: BU? ET? **AS:** AT?

Note: ET in 1861 included several other countries; Hoberlandt (1955) cites BU, but there are no confirmed records for any of the Balkan countries (Josifov, 1986a).

***Cercinthus lehmannii* (Kolenati, 1857)**

Centrocoris lehmannii Kolenati, 1857: 496. ST(S): AK or UZ (“desertis Kirghisorum, praecipue Kisil-Kum”); lost?

Cercinthus lehmanni var. *chobauti* Puton, 1896: 233. ST(S): AG, Biskra; MNHN.

Distr. EU: EK. **NA:** AG CI EG LB TU. **AS:** AK IN IQ IS MG SA SI TD TM UZ.

EL: tropical Africa (Sudan).

Genus *Coreus* Fabricius, 1794

Coreus Fabricius, 1794: 126. Type species by subsequent designation (Latreille, 1810: 433): *Cimex marginatus* Linnaeus, 1758.

Coridus Rafinesque, 1815: 119. Unjustified emendation for *Coreus* Fabricius, 1794.

Mesocerus Reuter, 1888a: 158. Unnecessary new name for *Coreus* Fabricius, 1794.

Note: Many authors in the 19th century applied the name *Syromastes* Latreille, 1829 to this genus.

***Coreus marginatus marginatus* (Linnaeus, 1758)**

Cimex marginatus Linnaeus, 1758: 443. For *Cimex* no. 662 in Linnaeus, 1746: 207.

ST(S): ♀, SV, “Habitat Fahlunae” [= Falun]; LSUK.

Cimex auriculatus De Geer, 1773: 272. New name for *marginatus* Linnaeus, 1758.

Cimex rostratus Goeze, 1778: 242 (junior primary homonym of *Cimex rostratus* De Geer, 1773; syn. Latreille, 1804: 202). For *Cimex* no. 21 in Geoffroy, 1762: 446. ST(S): FR, Paris; lost.

Copium serratum Thunberg, 1825: 3, 9 (syn. nov., see note). ST(S): SV, Södermanland; UZIU.

Coreus fundator Herrich-Schaeffer, 1833a: pl. 11 and legend (syn. Fieber, 1861: 228). ST(S): SP; ZMHB?

Syromastes longicornis A. Costa, 1842a: 140 (syn. Puton, 1879: 205, with “var.” *fundator*). ST(S): IT, Sicily.

Coreus marginatus var. *inermis* Kolenati, 1845: 52. ST(S): Caucasus; lost?

Syromastes marginatus var. *syriacus* Blöte, 1935: 190. HT: LE, Zahlé; RMNH.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG. **AS:** AB AK AR AT CH (NW) GG IN IQ IS KI LE RU (ES WS) SY TD TM UZ.

Note: A copy of Oshanin, 1906 in BMNH bears a marginal note (p. 189) in W.E. China’s handwriting against the entry for this species: “*Copium serratus* Thunberg 1825 nymph. W.E.C.”. Some authors applying the name *fundator* Herrich-Schaeffer, 1833 in the sense of a variety have emended it to *fundatrix*. The form *syriacus* Blöte, 1935 has sometimes been regarded as a subspecies and has been reported from CH (NE) IQ IS SY.

***Coreus marginatus orientalis* (Kiritshenko, 1916)**

Mesocerus marginatus orientalis Kiritshenko, 1916a: 203, 215. LT (Josifov & Kerzhner, 1978: 163): ♂, KO, basin of Yalujiang; ZMAS.

Mesocerus omoxyis Kiritshenko, 1916a: 203, 217 (syn. Josifov & Kerzhner, 1978: 163). HT: ♀, KO, Pung-tung; ZMAS.

Distr. AS: CH (NE NO NW SW) JA KO RU (FE).

***Coreus potanini* (Jakovlev, 1890)**

Syromastes potanini Jakovlev, 1890: 551. LT (Tshernova, 1979: 579): ♂, CH (SW), Sichuan, Hei-ho [= Baishuijiang] river valley; ZMAS.

Distr. AS: CH (CE NO SW WP).

***Coreus spinigerus* Q.A. Liu & L.Y. Zheng, 1994**

Coreus spinigerus Q.A. Liu & L.Y. Zheng, 1994a: 468. HT: ♂, CH (NO), Inner Mongolia, Daqinggou, 122°3' E, 42°3' N, 173-200 m; IMTU.

Distr. AS: CH (NO).

Genus *Enoplops* Amyot & Serville, 1843

Enoplops Amyot & Serville, 1843: 208. Type species by subsequent designation (Desmarest, 1844a: 328): *Coreus scapha* Fabricius, 1794.

Palethrocoris Kolenati, 1845: 48 (as subgenus of *Coreus* Fabricius, 1794; syn. Stål, 1872a: 51, with *Coreus*; Puton, 1873: 16). Type species by subsequent designation (China, 1941: 130): *Coreus (Palethrocoris) disciger* Kolenati, 1845.

Ref.: Hoberlandt, 1989 (key to all spp. except *E. bos*).

Note: Kirkaldy (1899b: 220) believed that Fabricius had validly fixed *Coreus scapha* Fabricius, 1794 as the type species of *Coreus* Fabricius, 1794, making the latter the oldest available name for this genus.

***Enoplops bos* Dohrn, 1860**

Enoplops bos Dohrn, 1860b: 106. ST(S): SP, Andalusia.

Coreus bos var. *erecticornis* Reuter, 1900a: 268. ST(S): MO, Tangier; ZMUC.

Distr.: EU: FR PO SP. NA: AG EG MO MR TU. AS: IS.

Note: The name *Enoplops cornutus* (Herrich-Schaeffer, 1833) has often (e.g. Mulsant & Rey, 1870: 29) been applied to this species but Moulet (1991: 51) reduced it to synonymy with *E. scapha* (Fabricius, 1794). Consequently, some published records may be inaccurate.

***Enoplops disciger* (Kolenati, 1845)**

Coreus (Palethrocoris) disciger Kolenati, 1845: 49. LT (Kerzhner, 2003b: 94): ♀, AB, Karabakh; NHMW.

Distr. EU: BU GR MC RO. AS: AB AR AT GG IN IQ IS JO SY.

***Enoplops eversmanni* Jakovlev, 1881**

Enoplops eversmanni Jakovlev, 1881: 203. LT (Tshernova, 1979: 580): ♀, AK, "Songarei" [= area from Dzhungar Alatau to Tarbagatay]; ZMAS.

Distr. AS: AF AK KI TD UZ.

***Enoplops hashemii* Hoberlandt, 1989**

Enoplops hashemii Hoberlandt, 1989: 76. HT: ♂, IN, Hormozgan, Sanderk S of Bashagerd, 220 m; NMPC.

Distr. AS: IN.

***Enoplops heintzii* (Oshanin, 1871)**

Palethrocoris heintzii Oshanin, 1871: 205. STS: ♂, ♀, UZ, former prov. Sarafschan, Ulus and Dscham; ZMUM.

Enoplops heinsi Oshanin, 1906: 189. Unjustified emendation.

Distr. AS: AF TD UZ.

Note: Oshanin (1871: 195) listed this species as *E. heinzii* (not *heintzii*); modern authors have accepted the emended spelling *heinsi*.

***Enoplops scapha* (Fabricius, 1794)**

Coreus scapha Fabricius, 1794: 127. ST(S): GE; ZMUC (1 ST).

Coreus cornutus Herrich-Schaeffer, 1833a: pl. 9 and legend (syn. Moulet, 1991: 51).

ST(S): PO; ZMHB?

Enoplops ventralis Dohrn, 1860b: 106 (syn. Puton, 1886a: 16, with *cornutus*). STS: SP (Andalusia) and from unknown locality.

Enoplops scapha var. *curvidens* Puton, 1886b: 356. STS: ♂, ♀, IT (San Remo); MNHN.

Coreus scapha var. *illyricus* Horváth, 1887b: 69, 70. STS: ♂, ♀, IT, Gorice [= IT, Gorizia or SL, Nova Goriza]; HNHM.

Enoplops scapha var. *inermis* Péneau, 1921: 54. HT: ♂, FR, Île de Ré [nr La Rochelle]; lost?

Coreus scapha var. *bullidens* Priesner, 1926: 170. HT: ♀, AU, Linz, Plesching.

Distr. EU: AL AU BE BH BU CR CZ EN ET FR GB GE GR HU IT LU MC MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** AG MO. **AS:** AB AK AR AT GG IS RU (WS).

Note: The name *Enoplops cornutus* (Herrich-Schaeffer, 1833) has been applied by some authors to the species catalogued here as *Enoplops bos* Dohrn, 1860.

***Enoplops sibiricus* Jakovlev, 1889**

Enoplops sibirica Jakovlev, 1889c: 54. LT (Tshernova, 1979: 580): ♂, RU (ES), Chita Prov., river Onon; ZMAS.

Distr. AS: AK CH (NO NW) MG RU (ES FE WS).

Genus *Haploprocta* Stål, 1872

Haploprocta Stål, 1872a: 51. Type species by monotypy: *Coreus sulcicornis* Fabricius, 1794.

Platymelus Jakovlev, 1875: 150 (syn. Puton, 1886a: 16). Type species by monotypy:

Platymelus christophi Jakovlev, 1875 (= *Verlusia pustulifera* Stål, 1860).

Ref.: Kiritshenko, 1911a (rev.).

***Haploprocta bicolor* Kiritshenko, 1911**

Haploprocta bicolor Kiritshenko, 1911a: 375. LT (Tshernova, 1979: 579): ♂, TM, Chardzhou; ZMAS.

Distr. AS: AK TM UZ.

***Haploprocta horniana* Kiritshenko, 1938**

Haploprocta horniana Kiritshenko, 1938a: 3, 5. HT: ♀, AF, Hindu Kush, Bubrutz in Kti-Tal, 2620 m; DEIC.

Distr. AS: AF IN.

***Haploprocta incognita* Heiss & Moulet, 1994**

Haploprocta incognita Heiss & Moulet, 1994: 121. HT: ♂, CI, Tenerife, Buenavista; ZMAN.

Distr. NA: CI.

***Haploprocta pustulifera* (Stål, 1860)**

Verlusia pustulifera Stål, 1860a: 475. ST(S): AK?, “Sir Daria”.

Platymelus christophi Jakovlev, 1875: 151 (syn. Puton, 1886a: 16). LT (Tshernova, 1979: 579): ♂, IN, but wrongly cited by Jakovlev as “Sarepta”; ZMAS.

Haploprocta semenovi Jakovlev, 1890: 550 (syn. Kerzhner, 1972a: 349). LT (Tshernova, 1979: 579): ♀, MG, Gobi, locality Kobden-obotu in Tost-uul Mts; ZMAS.

Distr. EU: RU (ST). **AS:** AK CH (NO NW) IN KI MG RU (ES) TD TM UZ. **EL:** Pakistan.

***Haploprocta sulcicornis* (Fabricius, 1794)**

Coreus sulcicornis Fabricius, 1794: 132. STS: NA, Barbaria; ZMUC.

Verlusia rotundiventris Spinola, 1837: 147 (syn. Rambur, 1839: 136). STS: ♂, ♀, IT, Genova and Sardinia; MRSN (1 ST).

Verlusia reyi Puton, 1872: 313, 314 (syn. Puton, 1875: 17). For *Verlusia sinuata* sensu Mulsant & Rey, 1870: 21. STS: FR (south and Corsica).

Haploprocta sulcicornis f. *punctata* Seabra, 1928: 13. STS: PO; Zoological Museum Coimbra University, PO.

Haploprocta sulcicornis f. *lusitanica* Seabra, 1928: 14. HT: PO, Leiria; Zoological Museum Coimbra University, PO.

Haploprocta sulcicornis race *maroccana* Lindberg, 1932: 17. HT: MO, specimen no 7537, not found in MZHF. NT (Moulet, 1991: 50): ♀, MO, Atlas mai., Reraia; MZHF.

Haploprocta sulcicornis race *insularis* Lindberg, 1953: 49. STS: CI and MR; MZHF.

Distr. EU: AL AU BH BU CR FR GE GR IT LS MA MC PO RO SP YU. **NA:** AG CI EG LB MO MR TU. **AS:** AT CY IS.

Note: Puton (1872) founded the name *Verlusia reyi* for *Verlusia sinuata* Fieber, 1861 sensu Mulsant & Rey (1870: 17, 21); the true *V. sinuata* Fieber is a synonym of *Syromastus rhombeus* (Linnaeus, 1767).

***Haploprocta umbrina* Jakovlev, 1883**

Haploprocta umbrina Jakovlev, 1883a: 105. HT: ♀, AB, Ordubad: ZMAS.

Distr. EU: BU GR. **AS:** AB AR AT.

Genus *Spathocera* Stein, 1860

Atractus Laporte, 1833: 41, 45 (junior homonym of *Atractus* Wagler, 1828, Reptilia).

Type species by monotypy: *Atractus cinereus* Laporte, 1833 (= *Coreus laticornis* Schilling, 1829).

Spathocera Stein, 1860: 253. New name for *Atractus* Laporte, 1833.

Ref.: Jakovlev, 1883a (syst.); Tshernova, 1977 (syst.).

***Spathocera albomaculata* Jakovlev, 1889**

Spathocera albomaculata Jakovlev, 1889c: 55. LT (Tshernova, 1979: 580): ♂, RU (ES), Irkutsk; ZMAS.

Distr. AS: MG RU (ES WS).

***Spathocera dalmanii* (Schilling, 1829)**

Coreus dalmanii Schilling, 1829: 41 (as *dahlmannii*, corrected to *dalmanii* in errata page (unnumbered) and index, page 220). STS: PL, Silesia, Lissa [= Wrocław-Leśnica]; lost.

Distr. EU: AU BE BU BY CR CZ DE EN? FI FR GB GE GR IT LS LT? LU MC NL NR PL RO RU (CT: Kaliningrad Prov.) SK SP SV SZ UK YU. **NA:** MR. **AS:** AB AT.

Note: Records for EN and LT queried and the one for RU (ST) rejected by Tshernova (1977).

Ref.: Faraci, 2000 (nomencl.); Tshernova, 1977 (syst.).

***Spathocera diffinis* Horváth, 1899**

Spathocera diffinis Horváth, 1899a: 446. STS: ♂, ♀, AG, Teniet-el-Haad; HNHM.

Distr. NA: AG.

Note: Moulet (1992: 408) suspected synonymy of this species with *S. dalmanii* (Schilling, 1829).

***Spathocera laticornis* (Schilling, 1829)**

Coreus laticornis Schilling, 1829: 42. ST(S): PL, Silesia, Schwoitsch [= Wrocław-Swojczyce]; lost.

Atractus cinereus Laporte, 1833: 46 (syn. Amyot & Serville, 1843: 210). ST(S): FR, Anjou.

Distr. EU: AU BH BU BY CR CZ EN FR GE HU IT LA LT MC MD PL RO RU (CT ST) SK SL SZ UK YU. **AS:** AB AK AT.

***Spathocera lobata* (Herrich-Schaeffer, 1840)**

Pseudophloeus lobatus Herrich-Schaeffer, 1840b: 3, 6. HT: ♀, IT, Sicily; lost.

Distr. EU: AL AU BH BU CR CZ EK FR GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG EG. **AS:** AB AK AR AT CY GG IN IQ IS KI RU (ES) TD TM UZ.

Ref.: Tshernova, 1977 (syst.).

***Spathocera obscura* (Germar, 1847)**

Syromastes obscurus Germar, 1847: pl. 11 (as *Aradus obscurus* in legend to pl. 11 and index). ST(S): “Turcia” (apparently, Balkan Peninsula); ZMUL.

Distr. EU: BU EK GR HU MC RO RU (ST) SK UK YU. **AS:** AB AK CH (NO) KI MG RU (ES WS).

***Spathocera stali* Puton, 1873**

Spathocera stali Puton, 1873: 14. ST(S): AG, Bône [= Annaba]; MZHF, lost?

Distr. EU: PO SP. **NA:** AG MO TU.

Note: Moulet (1991: 57) designated as LT of *Spathocera stali* Puton, 1873 a male in the Puton collection at MNHN labelled “Biskra”. Lindberg (1951: 7) catalogued a type specimen of this species in O.M. Reuter’s collection, MZHF.

***Spathocera tenuicornis* Jakovlev, 1883**

Spathocera tenuicornis Jakovlev, 1883a: 98. HT: ♀, AK, Turkestan (town), Kosh-Mizgil; ZMAS.

Distr. AS: AB AF AK AR AT CY IN IS TD TM UZ.

***Spathocera tuberculata* Horváth, 1882**

Spathocera tuberculata Horváth, 1882: 219. LT (Tshernova, 1977: 787): ♂, HU, Gödöllő; HNHM.

Distr. EU: BH BU CR HU RO SK UK. **AS:** AT.

Ref.: Tshernova, 1977 (syst.).

Genus *Syromastus* Berthold, 1827

Syromastus Berthold, 1827: 417. Type species by subsequent designation (Reuter, 1888a: 160, 414): *Cimex quadratus* Fabricius, 1775.

Syromastes Latreille, 1829b: 196 (as subgenus of *Coreus* Fabricius). Objective synonym of *Syromastus* Berthold, 1827.

Verlusia Spinola, 1837: 145 (syn. Blanchard, 1840: 118). Type species by subsequent designation (Blanchard, 1849b: 187): *Cimex quadratus* Fabricius, 1775 (= *Cimex rhombeus* Linnaeus, 1767).

Note: *Syromastus* Berthold, 1827 and *Syromastes* Latreille, 1829 are latinizations of the vernacular generic name “Syromaste” Latreille, 1825.

***Syromastus rhombeus* (Linnaeus, 1767)**

Cimex rhombeus Linnaeus, 1767: 718. ST(S): Africa; LSUK.

Cimex quadratus Fabricius, 1775: 707 (syn. Dufour, 1833: 163). ST(S): GE; ZMUC

(1 ST).

Verlusia sinuata Fieber, 1861: 229 (syn. Puton, 1881a: 76, as var.). ST(S): ♂, FR, Corsica.

Verlusia rhombea var. *fusca* Vidal, 1936: 197. HT: MO, Rabat, Oued el Akreuch.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK ET FR GB GE GR HU IT LS LT LU MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG CI MO MR TU. **AS:** AB AF AK AR AT CH (NW) CY GG IN IQ IS KI LE SY TD TM UZ.

Tribe DALADERINI Stål, 1873

DALADERINI Stål, 1873: 35, 55 (Daladeraria). Type genus: *Dalader* Amyot & Serville, 1843.

Note: Some authorities consider Brachytini Stål, 1873 (Stål, 1873: 35, 56, as Brachytaria, type genus: *Brachytes* Westwood, 1842, India) to be synonymous with this tribe.

Genus *Dalader* Amyot & Serville, 1843

Dalader Amyot & Serville, 1843: xxxi, 187. Type species by subsequent designation (Distant, 1902a: 351): *Dalader acuticosta* Amyot & Serville, 1843, Oriental Region.

Dalader distanti Blöte, 1938

Dalader acuticosta var. *distanti* Blöte, 1938: 281 (upgraded by Hsiao, 1963a: 311).

HT: ♀, India, Assam, Shillong; RMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

Dalader formosanus Esaki, 1931

Dalader formosanus Esaki, 1931: 259. HT: ♂, TA, Tainan; KUEC.

Distr. AS: TA.

Dalader planiventris (Westwood, 1842)

Acanonicus planiventris Westwood, 1842: 8. ST(S): Indonesia, Java; OXUM.

Dalader rotundicosta Amyot & Serville, 1843: 188 (syn. Dallas, 1852a: 381). STS: ♂, ♀, Indonesia, Java.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

Dalader rubiginosus (Westwood, 1842)

Acanonicus rubiginosus Westwood, 1842: 8. ST(S): India orientalis; OXUM.

Dalader parvulus Distant, 1893b: 122 (syn. Distant, 1901b: 328). ST(S): ♂, Burma, Ruby mines; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Dalader sumatrensis E. Schmidt, 1909

Dalader sumatrensis E. Schmidt, 1909: 368. HT: ♀, Indonesia, Sumatra, Soekaranda; lost.

Dalader sumatrensis var. *elatus* Blöte, 1938: 282. HT: ♂, India, Sikkim; RMNH.

Distr. AS: CH (CE SW). **EL:** Oriental Region.

Note: The records from CH are paratypes of var. *elatus* Blöte, 1938.

Tribe DASYNINI Bergroth, 1913

PENDULININI Stål, 1873: 36, 75 (Pendulinaria). Type genus: *Pendulinus* Thunberg, 1822 (preoccupied by *Pendulinus* Viellot, 1816, Aves; = *Galaesus* Dallas, 1852).

Invalid name (based on a junior homonym).

DASYNINI Bergroth, 1913a: 126 (Dasynaria). New name for Pendulinini Stål, 1873.

Type genus: *Dasynus* Burmeister, 1834.

Ref.: Hsiao, 1963c (key to Chinese genera).

Note: X.Z. Li (1997) erected four new tribes: Chinadasynini (type genus: *Chinadasynus* Hsiao, 1964), Dasynopsini (type genus: *Dasynopsis* Hsiao, 1963), Paradasynini (type genus: *Paradasynus* China, 1934) and Sinodasynini (type genus: *Sinodasynus* Hsiao, 1963), leaving only *Dasynus* Burmeister, 1834 in tribe Dasynini. He did not include *Galaesus* Dallas, 1852 (= *Pendulinus* Thunberg, 1822) in his analysis.

Genus *Chinadasynus* Hsiao, 1964

Chinadasynus Hsiao, 1964b: 21, 28, 35. Type species by original designation: *Pendulinus orientalis* Distant, 1889.

***Chinadasynus orientalis* (Distant, 1889)**

Pendulinus orientalis Distant, 1889a: 231. STS: India (Sikkim, Assam, N Khasia, 1500B3000 ft) and Burma (Tenasserim); BMNH, NZSI.

Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Dasynopsis* Hsiao, 1963

Dasynopsis Hsiao, 1963c: 619, 623. Type species by original designation: *Dasynopsis cunealis* Hsiao, 1963.

***Dasynopsis cunealis* Hsiao, 1963**

Dasynopsis cunealis Hsiao, 1963c: 619, 623. HT: ♀, CH (SW), Yunnan, Si-mao county, 1300 m; IZAS.

Distr. AS: CH (SW).

Genus *Dasynus* Burmeister, 1834

Dasynus Burmeister, 1834a: 297 (as subgenus of *Coreus* Fabricius; upgraded by Stål, 1871: 651). Type species by monotypy: *Coreus (Dasynus) coccocinctus* Burmeister, 1834, Philippines.

Iwasakia Matsumura, 1913: 132 (syn. Miyamoto, 1975: 131). Type species by original designation: *Iwasakia biguttata* Matsumura, 1913.

***Dasynus biguttatus* (Matsumura, 1913)**

Iwasakia biguttata Matsumura, 1913: 132. HT: ♂, JA, Ryukyus, Yaeyama; EIHU?

Distr. AS: JA TA.

***Dasynus laminatus* (Stål, 1873)**

Pendulinus (Dasynus) laminatus Stål, 1873: 74. ST(S): ♂, Indonesia, Java; NHMW.

Distr. AS: CH (SE). **EL:** Oriental Region.

***Dasynus rubidus* Hsiao, 1963**

Dasynus rubidus Hsiao, 1963c: 619, 623. HT: ♀, CH (SE), Guangxi, Yao-shan county; NKUM.

Distr. AS: CH (SE).

Genus *Paradasynus* China, 1934

Paradasynus China, 1934a: 189. Type species by monotypy: *Pendulinus rostratus* Distant, 1908, India.

***Paradasynus formosanus* (Matsumura, 1913)**

Iwasakia formosana Matsumura, 1913: 133. ST(S): ♀, TA, Taikokan [= Longtan]; EIHU.

Distr. AS: JA TA.

***Paradasynus longirostris* Hsiao, 1965**

Paradasynus longirostris Hsiao, 1965b: 425, 432. HT: ♂, CH (SE), Hainan, Zhan-xian; NKUM.

Distr. AS: CH (SE).

***Paradasynus pallidus* (Stål, 1871)**

Dasynus pallidus Stål, 1871: 651. STS: ♂, ♀, Philippines; NHRS.

Distr. AS: JA. **EL:** Oriental Region.

***Paradasynus spinosus* Hsiao, 1963**

Paradasynus spinosus Hsiao, 1963c: 619, 623. HT: ♂, CH (SE), Guangdong, Guangzhou; Zhongshan University, Guangzhou, Guangdong, CH.

Distr. AS: CH (SE) JA TA.

Note: Records of *Odontoparia nicobarensis* Mayr, 1865 (as *Pendulinus nicobarensis*) from TA refer to this species (Miyamoto, 1975: 132).

***Paradasynus tibialis* Hsiao, 1965**

Paradasynus tibialis Hsiao, 1965b: 425, 432. HT: ♂, CH (SW), Yunnan, Jing-hong county, Meng-yang, 1000 m; IZAS.

Distr. AS: CH (SW).

Genus *Sinodasynus* Hsiao, 1963

Sinodasynus Hsiao, 1963c: 617, 623. Type species by original designation: *Sinodasynus stigmatus* Hsiao, 1963.

***Sinodasynus angulatus* Ren, 1988**

Sinodasynus angulatus Ren, 1988a: 116, 120. HT: ♂, CH (WP), Xizang, Mu-tou (Medog), 2000 m; IZAS.

Distr. AS: CH (WP).

***Sinodasynus spiraculus* Hsiao, 1965**

Sinodasynus spiraculus Hsiao, 1965b: 424, 432. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Meng-long, 650 m; TMNH.

Distr. AS: CH (SW).

***Sinodasynus stigmatus* Hsiao, 1963**

Sinodasynus stigmatus Hsiao, 1963c: 618, 623. HT: ♀, CH (SE), Guangdong, Mt Long-tuo; Zhongshan University, Guangzhou, Guangdong, CH.

Distr. AS: CH (SE SW WP). **EL:** Vietnam.

Tribe GONOCERINI Mulsant & Rey, 1870

GONOCERINI Mulsant & Rey, 1870: 15, 34 (Gonocérates); Stål, 1872a: 51 (Gonoceraria). Type genus: *Gonocerus* Berthold, 1827.

Ref.: Reenen, 1976a (morphol.).

Genus *Cletomorpha* Mayr, 1866

Cletomorpha Mayr, 1866: 118 (as subgenus of *Cletus*; upgraded by Stål, 1871: 652). Type species by monotypy: *Cletus bellulus* Stål, 1860, Java.

Note: Various authors have followed Mayr's original concept of *Cletomorpha* as a subgenus of *Cletus* Stål, 1860 while others have followed Stål (1871: 652) in treating it as a full genus. Linnavuori (1978: 26) synonymized *Cletomorpha* with *Cletus*, not even regarding it as subgenerically distinct.

***Cletomorpha insignis* Distant, 1902**

Cletomorpha insignis Distant, 1902a: 397. ST(S): Burma, Bhamo, Karennee; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Cletomorpha lituripennis* (Stål, 1855)**

Gonocerus lituripennis Stål, 1855a: 30. ST(S): South Africa, Natal; NHRS?

Gonocerus lineatus Signoret, 1861: 942 (syn. Stål, 1865a: 80). ST(S): Comoro Is, Mayotte.

Cletus sjostedti Schouteden, 1912b: 53 (syn. Schouteden, 1938: 285). STS: Tanzania, Meru; NHRS.

Distr. AS: YE. **EL:** tropical Africa.

***Cletomorpha raja* Distant, 1901**

Cletomorpha raja Distant, 1901a: 423. STS: India (Sikkim, Assam and Mungphu); BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Cletomorpha simulans* Hsiao, 1963**

Cletomorpha simulans Hsiao, 1963a: 328, 341. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Xiao-meng-yang; IZAS.

Distr. AS: CH (SE SW). **EL:** Vietnam.

Genus *Cletus* Stål, 1860

Cletus Stål, 1860b: 236. Type species by original designation: *Cimex trigonus* Thunberg, 1783.

Peniscomus Signoret in Montrouzier, 1861: 66 (footnote) (as subgenus of *Gonocerus*; syn. Stål, 1865a: 80). Type species by monotypy: *Gonocerus crassicornis* Dallas, 1852 (= *Syromaster scurra* Germar, 1838), South Africa.

Agonotomus Signoret in Montrouzier, 1861: 66, without description (as subgenus of *Gonocerus*; syn. Walker, 1871: 94). Type species (designated here): *Gonocerus amyoti* Montrouzier, 1861, Lifu (New Caledonia).

Macina Villiers, 1954: 225 (syn. Linnavuori, 1978: 26). Type species by original designation: *Macina pasteuri* Villiers, 1954, Mali.

Ref.: Josifov & Kerzhner, 1978 (rev. of northeast Palaearctic spp.); Linnavuori, 1978 (key to most African and Arabian spp.); L.Y. Zheng & C. Chen, 1998 (phyl., distr. Chinese spp.); L.Y. Zheng & Dong, 1995 (rev. Chinese spp.).

Note: The type species of *Peniscomus* Signoret, 1861 was catalogued in *Cletus* Stål by Stål (1865a: 80), as a synonym of *Cletus scurra* (Germar, 1838), implying the generic synonymy which was not formally stated until Kirkaldy (1904: 281). The type species of *Agonotomus* Signoret, 1861 was catalogued in *Cletus* Stål by Walker (1871: 94), implying the generic synonymy which has never been formally stated. Linnavuori (1978: 26) reduced *Cletomorpha* Mayr, 1866 to synonymy with *Cletus*.

***Cletus apicifer* Walker, 1871**

Cletus apicifer Walker, 1871: 192, 195. HT: ♀, TA; lost (Distant, 1901a: 432).

Distr. AS: TA.

***Cletus binotulatus binotulatus* (Stål, 1858)**

Gonocerus binotulatus Stål, 1858b: 316. ST(S): ♀, Botswana, between Eikhams and Lake N'gami; NHRS.

Distr. AS: OM! **EL:** tropical Africa.

***Cletus binotulatus obtusulus* Linnavuori, 1978**

Cletus binotulatus obtusulus Linnavuori, 1978: 28. HT: ♂, Sudan, Blue Nile, Wad Medani; AMNH.

Distr. AS: SA YE. **EL:** tropical Africa.

***Cletus bipunctatus* (Herrich-Schaeffer, 1840)**

Gonocerus bipunctatus Herrich-Schaeffer, 1840b: 9. ST(S): Indonesia, Java; lost.

Cletus armatulus Breddin, 1905: 118. Unnecessary new name for *bipunctatus*

Herrich-Schaeffer, 1840, not preoccupied by *Coreus bipunctatus* Westwood, 1842.

Cletus infuscatus Matsumura, 1905b: 33 (syn. Josifov & Kerzhner, 1978: 161). STS:

♂, ♀, JA, Okinawa.

Distr. AS: CH (CE SE SW WP?) JA TA. **EL:** Oriental Region.

Ref.: Kirkaldy, 1909a (syn.).

Note: Josifov & Kerzhner (1978: 161) suspected synonymy of *Cletus feanus* Distant, 1902 with this species but L.Y. Zheng & Dong (1995) regarded it as separate. See also *Cletus minax* (Walker, 1871). *Cletus bipunctatus* was misidentified as *C. feanus* by Hsiao & L.Y. Zheng (1964).

***Cletus callosus* Linnavuori, 1978**

Cletus callosus Linnavuori, 1978: 27, 31, 102. HT: ♀, YE, nr Ta'zz; AMNH.

Distr. AS: YE.

***Cletus crenicollis* (Schaum, 1853)**

Gonocerus crenicollis Schaum, 1853: 358. HT: Mozambique; ZMHB.

Distr. AS: YE. **EL:** tropical Africa.

***Cletus feanus* Distant, 1902**

Cletus feanus Distant, 1902a: 395. LT (L.Y. Zheng & Dong, 1995: 206): ♂, Burma, Karennee; BMNH.

Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

Note: Josifov & Kerzhner (1978: 161) suspected synonymy of this species with *Cletus bipunctatus* (Herrich-Schaeffer, 1840) but L.Y. Zheng & Dong (1995) regarded it as a good species.

***Cletus graminis* Hsiao & L.Y. Zheng, 1964**

Cletus graminis Hsiao & L.Y. Zheng, 1964: 66. HT: ♂, CH (SE), Guangdong, Guangzhou, Shi-pai; NKUM.

Distr. AS: CH (SE SW). **EL:** Oriental Region (Vietnam).

[*Cletus minax* (Walker, 1871)

Homoeocerus minax Walker, 1871: 92, 99. HT: ♀, India, Hindostan; BMNH.

Distr.: Oriental Region.

Note: Distant (1902a: 393) synonymized this species with *Cletus punctiger* (Dallas, 1852) but Josifov & Kerzhner (1978: 161) suspected synonymy with *Cletus bipunctatus* (Herrich-Schaeffer, 1840).]

***Cletus ochraceus ochraceus* (Herrich-Schaeffer, 1840)**

Gonocerus ochraceus Herrich-Schaeffer, 1840b: 7. HT: South Africa, Cape of Good Hope; lost.

Coreus immaculatus Westwood, 1842: 23 (syn. Stål, 1873: 77). STS: Sierra Leone, South Africa; OXUM.

Cletus modestus Stål, 1860b: 237 (syn. Stål, 1865a: 77). ST(S): data not given; NHRS?

Distr. AS: OM! **EL:** tropical Africa.

Extralimital subspecies: *Cletus ochraceus pertubatus* Hesse, 1935 and *Cletus ochraceus fuscescens* Walker, 1871, both tropical Africa.

Note: *Cletus modestus* was mentioned in comparison with other species by Stål (1860b) but not formally described; its next mention was in synonymy by Stål (1865a).

***Cletus ochraceus borealis* Blöte, 1935**

Cletus borealis Blöte, 1935: 204 (downgraded by Linnavuori, 1978: 30). HT: ♂, Eritrea, Ghinda; RMNH.

Distr. AS: SA YE. **EL:** tropical Africa.

***Cletus pugnator* (Fabricius, 1787)**

Cimex pugnator Fabricius, 1787: 287. STS: India, Tranquebar; ZMUC.

Cletus bistillatus Dohrn, 1860a: 403 (syn. Breddin, 1909: 289). ST(S): Sri Lanka.

Distr. AS: AF CH (CE? SE? SW) IN. **EL:** Oriental Region.

Note: Josifov & Kerzhner (1978: 162) noted that *Cimex pugnator* Fabricius was synonymized with *Cimex trigonus* Thunberg, 1783 by Stål (1873: 78), but they followed Breddin (1909: 289) in considering the two species as distinct. The record from CH (SW) rests on material from Guizhou examined by them; L.Y. Zheng & Dong (1995) did not see any material from CH. The name *Gonocerus acutus* Dallas, 1852, cited here in synonymy with *Cletus trigonus* (Thunberg, 1783), may refer to this species. Breddin (1909: 289) considered *Coreus bipunctatus* Westwood, 1842 from India (junior secondary homonym of *Gonocerus bipunctatus* Herrich-Schaeffer, 1840) to be a synonym of *C. pugnator*, but Distant (1918: 158) regarded it as a distinct species and proposed for it a new replacement name, *Cletus stali*.

***Cletus punctiger* (Dallas, 1852)**

Gonocerus punctiger Dallas, 1852a: 494. STS: ♂, ♀, CH; BMNH.

Cletus rusticus Stål, 1860b: 237 (syn. Stål, 1863a: 499). ST(S): ♂, CH (SE), Hong Kong; NHRS.

Cletus tenuis Kiritshenko, 1916a: 184 (syn. Josifov & Kerzhner, 1978: 162). HT: ♀, CH (NO), Beijing; ZMAS.

Distr. AS: CH (CE NO SE SW WP) JA KO TA. **EL:** Oriental Region.

Note: Records of *Cletus rusticus* by Chinese and Japanese authors refer to *C. schmidtii* according to Josifov & Kerzhner (1978: 162).

***Cletus punctulatus* (Westwood, 1842)**

Coreus punctulatus Westwood, 1842: 23. ST(S): India orientalis; OXUM.

Distr. AS: AF CH (CE NO SE SW WP). **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.).

***Cletus schmidtii* Kiritshenko, 1916**

Cletus schmidtii Kiritshenko, 1916a: 184, 192. LT (Josifov & Kerzhner, 1978: 162): ♀, KO, between Kannvyn and Utibeni; ZMAS.

Distr. AS: CH (CE NO) JA KO.

Note: *Cletus rusticus* of Chinese and Japanese authors refers to this species according to Josifov & Kerzhner (1978: 162) and L.Y. Zheng & Dong (1995: 202).

***Cletus trigonus* (Thunberg, 1783)**

Cimex trigonus Thunberg, 1783: 37. STS: JA and [in error] Surinam; UZIU.

Gonocerus acutus Dallas, 1852a: 495 (syn. Stål, 1863a: 499). ST(S): ♀, Philippines; BMNH.

Distr. AS: CH (CE SE SW WP) JA KO TA. **EL:** Oriental Region.
Ref.: Parshad, 1957a (chrom.).

Genus *Gonocerus* Berthold, 1827

Gonocerus Berthold, 1827: 417. Type species by subsequent designation (Reuter, 1888a: 407): *Cimex insidiator* Fabricius, 1787.

Goniocerus Douglas & Scott, 1876: 7. Unjustified emendation.

Note: Berthold's name is a latinization of the vernacular "Gonocère" of Latreille, 1825: 420. Neither author included any species. Latreille (1829b: 196) included three species in *Coreus* (*Gonocerus*): *Coreus sulcicornis* Fabricius, 1794, *Cimex insidiator* Fabricius, 1787 and *Coreus antennator* Fabricius, 1803. Brullé (1836: 364) used the vernacular "Gonocères" for a species-group within the nominotypical subgenus *Coreus* Fabricius, 1794 and designated *Coreus venator* Fabricius, 1794 as its type species; his designation is invalid because *venator* is not one of the species included by Latreille, 1829b.

***Gonocerus acuteangulatus* (Goeze, 1778)**

Cimex acuteangulatus Goeze, 1778: 242. For *Cimex* no. 22 in Geoffroy, 1762: 447. ST(S): FR, nr Paris; lost.

Cimex luteus Goeze, 1778: 278 (syn. Dolling et al., 1999: 55). For Schaeffer, 1766: pl. 13, fig. 1. ST(S): GE, Ratisbona [= Regensburg]; lost.

Cimex acutus Geoffroy in Fourcroy, 1785: 201 (junior primary homonym of *Cimex acutus* Thunberg, 1783). Objective synonym of *acuteangulatus* Goeze, 1778.

Cimex ictericus Villers, 1789: 493 (junior primary homonym of *Cimex ictericus* Linnaeus, 1763; syn. nov.). ST(S): FR, "Gallia meridionalis"; lost.

Cimex acutangulus Gmelin, 1790: 2147. Objective synonym of *acuteangulatus* Goeze, 1778.

Coreus venator Fabricius, 1794: 128 (syn. Amyot, 1847: 482). ST(S): IT; ZMUC (1 ST).

Coreus crudus Newman, 1838: 174 (syn. Dallas, 1852a: 498). STS: GB, nr Mickleham.

Syromastes cinnameus Millet de Turtaudière, 1872: 192 (syn. nov.). ST(S): FR, Maine-et-Loire.

Gonocerus venator var. *acutangulus* Puton, 1881a: 77, 1881b: 92 (junior secondary homonym of *Cimex acutangulus* Gmelin, 1790). HT: SP, Escorial.

Gonocerus acutangulatus [sic] var. *simulator* Reuter, 1891c: 20. STS: GR (Peloponnesos, Parnassos and Morea, Cumani) and "Caucasus"; MZHF.

Distr. EU: AL AN AU BE BH BU CR CZ EK FR GB GE GR HU IT LU MC MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. **AS:** AB AR AT CY GG IN IQ JO TM.

Note: The record from CI by Moulet (1995) has to be confirmed.

***Gonocerus insidiator* (Fabricius, 1787)**

Cimex insidiator Fabricius, 1787: 287. STS: NA, "Barbaria"; ZMUC.

Coreus compressicornis Wolff, 1802: 103 (syn. Fieber, 1861: 229). ST(S): E India [in error]; lost.

Coreus chloroticus Dufour, 1833: 163 (syn. Herrich-Schaeffer, 1853b: 97). STS: FR (south) and SP.

Gonocerus indicator Walker, 1871: 185 (lapsus for *insidiator* Fabricius, corrected by Walker, 1873a: 207).

Distr. EU: BH CR FR GR IT PO SP YU? **NA:** AG CI MO TU. **AS:** AT CY.

***Gonocerus juniperi* Herrich-Schaeffer, 1839**

Coreus triquetricornis Rambur, 1839 (Jan.): 136 (footnote) (syn. Fieber, 1861: 229). STS: ♂, FR, Marseille and no data, ♀, FR, Fontainebleau, Lardy, Marseille; BMNH.
Gonocerus juniperi Herrich-Schaeffer, 1839a (May): 99. STS: CR (Dalmatia) and HU; lost.
Gonocerus juniperi var. *obtusangulus* Puton, 1892b: 26. ST(S): AT, Akbès [= Ekbaz]; MNHN.
Gonocerus freyi Mancini, 1942: 90 (syn. Moulet, 1992: 407). HT: ♂, LB, Cirene; MCSN.
Distr. EU: AU BE BH BU CR CZ FR GE GR HU IT MC NL PL PO RO RU (ST: Caucasus) SK SL SP SZ UK YU. **NA:** AG CI LB MO TU. **AS:** AB AR AT CY GG IN IQ IS SY TD.
Note: Rambur's name has priority, but *G. juniperi* is in general usage since the 19th century.

***Gonocerus lictor* Horváth, 1879**

Gonocerus lictor Horváth, 1879: 146. ST(S): ♀, CH (CE), ?Zhejiang, Thing thong monastery; HMNH.
Distr. AS: CH (CE SW).
Note: Erroneously indicated from JA by Oshanin (1912: 21) and Stichel (1961: 711).

***Gonocerus longicornis* Hsiao, 1964**

Gonocerus longicornis Hsiao, 1964c: 92, 99. HT: ♂, CH (CE), Jiangsu, Nanjing; NKUM.
Distr. AS: CH (CE NO).

***Gonocerus nigrovittatus* Ren, 1984**

Gonocerus nigrovittatus Ren, 1984a: 198, 200. HT: ♂, CH (SW), Yunnan, Li-jiang county (271N, 1011E); NKUM.
Distr. AS: CH (SW).

***Gonocerus patellatus* Kiritschenko, 1916**

Gonocerus patellatus Kiritschenko, 1916a: 150, 163. LT (Tshernova, 1979: 579): ♂, AK, Turkestan (town), Bulaki; ZMAS.
Distr. AS: AF AK KI TD TM UZ.

***Gonocerus yunnanensis* Hsiao, 1964**

Gonocerus yunnanensis Hsiao, 1964c: 92, 99. HT: ♀, CH (SW), Yunnan, Jing-dong county, 2000 m; IZAS.
Distr. AS: CH (CE SE SW).

Genus *Plinactus* Stål, 1860

Plinactus Stål, 1860a: 470. Type species by subsequent designation (Distant, 1902a: 390): *Plinactus spinosus* Stål, 1860, South Africa.
Nesiotes Stål, 1873: 75 (as subgenus of *Plinactus*) (junior homonym of *Nesiotes* Martens, 1860, emendation or incorrect spelling of *Naesiotes* Albers, 1850, Mollusca, and of *Nesiotes* Wollaston, 1861, Coleoptera). Type species by monotypy: *Galaesus bellus* Stål, 1865, Fiji.
Nanichisme Kirkaldy, 1904: 280. New name for *Nesiotes* Stål, 1873.
Metacletus Matsumura, 1913: 137 (syn. nov.). Type species by original designation: *Metacletus bivittatus* Matsumura, 1913 (= *Coreus basalis* Westwood, 1842).
Note: Reenen (1976b: 45) reduced *Plinactus* to subgeneric status within *Gonocerus* Berthold, 1827. For *Metacletus* see the note under *Plinactus basalis*.

***Plinactus acicularis* (Fabricius, 1803)**

Alydus acicularis Fabricius, 1803: 251. STS: India, Tranquebar; ZMUC.

Leptoscelis ventralis Dallas, 1852a: 458 (syn. Stål, 1868a: 62). ST(S): ♀, Sri Lanka; BMNH.

Cletus conspicuus Walker, 1871: 192, 198 (syn. Distant, 1901a: 422). HT: ♂, India, Hindostan; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Plinactus basalis* (Westwood, 1842)**

Coreus basalis Westwood, 1842: 24. ST(S): India, Cuna [= Coonoor]; OXUM.

Metacletus bivittatus Matsumura, 1913: 137 (syn. nov.). STS: ♂, ♀, JA, Okinawa.

Distr. AS: CH (SW) JA (Ryukyus) TA. **EL:** Oriental Region.

Note: The editors were informed by M. Tomokuni that the synonymy of *Metacletus bivittatus* with *Plinactus basalis* was long recognized by Japanese authors, but not formally published until now.

***Plinactus bicoloripes* Scott, 1874**

Plinactus bicoloripes Scott, 1874: 363. STS: JA; BMNH.

Plinactus similis Uhler, 1896: 261 (syn. Kiritshenko, 1916a: 177). HT: ♂, JA; USNM.

Distr. AS: CH (CE NO SW) JA KO.

***Plinactus dissimilis* Hsiao, 1964**

Plinactus dissimilis Hsiao, 1964c: 93, 99. HT: ♂, CH (CE), Zhejiang, Hang-zhou; NKUM.

Distr. AS: CH (CE NO SW) KO.

***Plinactus imitator* (Reuter, 1891), comb. nov.**

Gonocerus insidiator var. *imitator* Reuter, 1891c: 20 (upgraded by Linnavuori, 1960: 22). STS: GR, S Sporades, Nikaria; lost. NT (Moulet, 1991: 49): ♀, GR, Morea, Cumani; MZHF.

Plinactus falcatus Distant, 1892a: 251 (syn. nov.). ST(S): South Africa; BMNH.

Gonocerus carreti Puton, 1895: 84 (syn. Linnavuori, 1960: 22). LT (Moulet, 1991: 49): ♂, AG, Gouraya; MNHN.

Gonocerus madeirensis China, 1938a: 9 (syn. Moulet, 1991: 50). HT: ♂, MR; BMNH.

Plinactus falcatus var. *antennalis* Schouteden, 1938: 283. HT: ♂, Congo, Kasenyi; MRAC.

Plinactus falcatus var. *dubiosus* Schouteden, 1938: 283. HT: ♀, Rwanda, Gabiro; MRAC.

Distr. EU: GR IT PO SP. **NA:** AG CI LB MO MR. **AS:** AT IS SA. **EL:** tropical Africa.

Note: The NT of *Gonocerus imitator* Reuter has data consistent with the type series of *Gonocerus acutangulatus* [sic] var. *simulator* Reuter, 1891. The validity of the NT designation by Moulet (1991) is doubtful, as he did not state the loss of the original type material, the exceptional need of NT designation, and the characters of the taxon.

Tribe HOMOEOCERINI Amyot & Serville, 1843

HOMOEOCERINI Amyot & Serville, 1843: xxxii, 202 (Homéocérines); Agassiz, 1846: 184 (Homoeoceroidae). Type genus: *Homoeocerus* Burmeister, 1835.

Genus *Aschistocoris* Bergroth, 1909

Aschistus Stål, 1873: 34 (footnotes), 57, 63 (junior homonym of *Aschistus* Förster, 1868, Hymenoptera). Type species by monotypy: *Ornytus? brevicornis* Dallas, 1852, India. *Aschistocoris* Bergroth, 1909: 185. New name for *Aschistus* Stål, 1873.

Ref.: Ahmad & Perveen, 1983a (rev.).

Aschistocoris nepalensis (Distant, 1908)

Aschistus nepalensis Distant, 1908a: 468. STS: Nepal (Benikhola and Bijdura) and India (United Provinces, Naini Tal district); BMNH.

Distr. AS: AF. **EL:** Oriental Region.

Genus *Ceratopachys* Westwood, 1842

Ceratopachys Westwood, 1842: 22. Type species by monotypy: *Ceratopachys capensis* Westwood, 1842 (= *Homoeocerus nigricornis* Germar, 1838).

Ceratopachis Westwood, 1842: 5. Variant spelling.

Note: Stål (1873: 58) reduced *Ceratopachys* to a subgenus of *Homoeocerus* Burmeister, 1835.

Ceratopachys nigricornis nigricornis (Germar, 1838)

Homoeocerus nigricornis Germar, 1838: 148. ST(S): South Africa; ZMUL.

Ceratopachys capensis Westwood, 1842: 22 (syn. Dallas, 1852a: 503). ST(S): South Africa; OXUM.

Tliponius rugifer Stål, 1860a: 465 (syn. Stål, 1865a: 69). ST(S): ♀, South Africa, “Caffraria”; ZMHB.

Distr. AS: YE. **EL:** tropical Africa.

Extralimital subspecies: *Ceratopachys nigricornis viridis* Linnavuori, 1978, tropical Africa.

Genus *Fracastorius* Distant, 1902

Fracastorius Distant, 1902a: 354, 368. Type species by original designation: *Fracastorius cornutus* Distant, 1902.

Fracastorius cornutus Distant, 1902

Fracastorius cornutus Distant, 1902a: 368. STS: Burma, Ruby Mines, Teinzo and Karenee, Mergui, Tavoy; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Homoeocerus* Burmeister, 1835

Homoeocerus Burmeister, 1835: 300, 303, 316. Type species by subsequent designation (Anonymous, 1845: 673): *Homoeocerus nigripes* Burmeister, 1835 (= *Alydus annulatus* Thunberg, 1822), South Africa.

Philonus Dallas, 1852a: 438, 448 (syn. Stål, 1873: 57). Type species by subsequent designation (Kiritshenko, 1916a: 68): *Homoeocerus nigripes* Burmeister, 1835 (= *Alydus annulatus* Thunberg, 1822), South Africa.

Extralimital subgenus: *Homoeocerus* Burmeister, 1835.

Note: Authors following Distant (1902a: 355) have accepted *Homoeocerus puncticornis* Burmeister, 1835 as the type species of *Homoeocerus* Burmeister, 1835, making the nominotypical subgenus equivalent to subgenus *Tliponius* Stål, 1860 as understood here.

Subgenus *Anacanthocoris* Uhler, 1861

Anacanthus Uhler, 1860: 227 (junior homonym of *Anacanthus* Gray, 1831, Pisces, and of *Anacanthus* Serville, 1832, Coleoptera). Type species by monotypy: *Anacanthus concoloratus* Uhler, 1860.

Anacanthocoris Uhler, 1861a: 287. New name for *Anacanthus* Uhler, 1860.

Uhleriella Matsumura, 1913: 132 (syn. Esaki, 1929: 227). Type species by original designation: *Homoeocerus marginatus* Uhler, 1896 (= *Homoeocerus striicornis* Scott, 1874).

Muzafferiana Ahmad & Perveen, 1983b: 79 (syn. nov.). Type species by original designation: *Muzafferiana marginatus* Ahmad & Perveen, 1983, Bangladesh.

Note: The generic name *Muzafferiana* was treated as masculine throughout the paper of Ahmad & Perveen (1983b) but as feminine by Perveen & Ahmad (1992). Perveen & Ahmad (1992: 247) transferred *Homoeocerus striicornis* Scott, 1874 to *Muzafferiana* Ahmad & Perveen, 1983. Since *H. striicornis* is the type species of *Uhleriella* Matsumura, 1913, their action was tantamount to sinking *Muzafferiana* as a junior synonym of *Uhleriella*, which itself is treated here as a synonym of the subgenus *Anacanthocoris*.

Ref.: Perveen & Ahmad, 1992 (rev. of spp. related to *striicornis* Scott).

***Homoeocerus bannaensis* Hsiao, 1962**

Homoeocerus (Anacanthocoris) bannaensis Hsiao, 1962: 71, 74, 77. HT: ♂, CH (SW), Yunnan, Xishuang-banna; IZAS.

Distr. AS: CH (SW). **EL:** Vietnam.

***Homoeocerus bicoloripes* J.J. Li, 1981**

Homoeocerus (Anacanthocoris) bicoloripes J.J. Li, 1981a: 193, 197. HT: ♂, CH (WP), Xizang, Cha-yu county, Xia Cha-yu, 1600 m; Biological Institute of North-western Plateau, Academia Sinica, Xining, Qinghai, CH.

Distr. AS: CH (WP).

***Homoeocerus bipunctatus* Hsiao, 1962**

Homoeocerus (Anacanthocoris) bipunctatus Hsiao, 1962: 71, 74, 77. HT: ♀, CH (SW), Yunnan; IZAS.

Distr. AS: CH (SE SW). **EL:** Vietnam.

***Homoeocerus bipustulatus* Stål, 1871**

Homoeocerus bipustulatus Stål, 1871: 650. STS: ♂, ♀, Philippines; NHRS.

Distr. AS: CH (SE). **EL:** Oriental Region.

***Homoeocerus cletoformis* Hsiao, 1963**

Homoeocerus (Anacanthocoris) cletoformis Hsiao, 1963a: 326, 340. HT: ♂, CH (SW), Yunnan, Jing-dong county; IZAS.

Distr. AS: CH (SW).

***Homoeocerus concoloratus* (Uhler, 1860)**

Anacanthus concoloratus Uhler, 1860: 227. ST(S): ♂, CH (SE), Hong Kong; USNM.

Distr. AS: CH (SE SW). **EL:** Vietnam.

***Homoeocerus graminis* (Fabricius, 1803)**

Lygaeus graminis Fabricius, 1803: 216. STS: “India orientalis”; ZMUC (see note).

Homoeocerus turbidus Walker, 1871: 92, 95 (syn. Distant, 1901c: 9). HT: ♀, Siam [= Thailand]; BMNH.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

Note: Fabricius (1803: 217) gave the type locality of *Lygaeus graminis* as South America (“America meridionali”) [probably in error].

***Homoeocerus humeralis* Hsiao, 1962**

Homoeocerus (Anacanthocoris) humeralis Hsiao, 1962: 72, 75, 78. HT: ♀, CH (SW), Yunnan, Rui-li county; IZAS.

Distr. AS: CH (SW WP).

***Homoeocerus impictus* Hsiao, 1962**

Homoeocerus (Anacanthocoris) impictus Hsiao, 1962: 70, 76. HT: ♀, CH (SW), Yunnan, Jing-hong county, Da-meng-long; TMNH.

Distr. AS: CH (SW).

***Homoeocerus limbatus* Hsiao, 1963**

Homoeocerus (Anacanthocoris) limbatus Hsiao, 1963a: 325, 340. HT: ♂, CH (SW), Yunnan, Xishuang-banna, Da-meng-long; IZAS.

Distr. AS: CH (SW). **EL:** Vietnam.

***Homoeocerus meniscus* Hsiao, 1962**

Homoeocerus (Anacanthocoris) meniscus Hsiao, 1962: 73, 79. HT: ♂, CH (SW), Yunnan, Xishuang-banna; TMNH.

Distr. AS: CH (SW). **EL:** Vietnam.

***Homoeocerus rubromaculatus* (Hsiao, 1963)**

Sinotagus rubromaculatus Hsiao, 1963c: 617, 622. HT: ♀, CH (SW), Yunnan, Jing-hong county, Mong-song, 1600 m; IZAS.

Distr. AS: CH (SW).

Ref.: X.Z. Li, 1996b (syst.).

***Homoeocerus simiolus* Distant, 1902**

Homoeocerus simiolus Distant, 1902a: 363. STS: India (Sikkim, Assam, Khasi Hills, Sibsagar) and Burma (Tenasserim, Myitta); BMNH, NZSI.

Distr. AS: CH (CE SW). **EL:** Oriental Region.

Note: Referred to genus *Muzafferiana* Ahmad & Perveen, 1983 by Perveen & Ahmad (1992: 244).

***Homoeocerus stricornis* Scott, 1874**

Homoeocerus stricornis Scott, 1874: 362. STS: JA; BMNH (1 ST, ♂).

Homoeocerus marginatus Uhler, 1896: 260 (syn. Esaki, 1929: 228). HT: JA; USNM.

Distr. AS: CH (CE NO SE SW) JA KO TA. **EL:** Oriental Region.

Note: Referred to genus *Muzafferiana* Ahmad & Perveen, 1983 by Perveen & Ahmad (1992: 247).

***Homoeocerus subjectus* Walker, 1871**

Homoeocerus subjectus Walker, 1871: 92, 97. HT: ♂, Siam [= Thailand]; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

Note: Distant (1901c: 8) suspected synonymy with *Lygaeus abbreviatus* (Fabricius, 1794), India.

***Homoeocerus unicolor* J.J. Li, 1981**

Homoeocerus (Anacanthocoris) unicolor J.J. Li, 1981a: 193, 197. HT: ♂, CH (WP), Xizang, Cha-yu county, 2230 m; Biological Institute of North-western Plateau, Xining, Qinghai, CH.

Distr. AS: CH (WP).

***Homoeocerus varicolor* Xiong, 1987**

Homoeocerus (Anacanthocoris) varicolor Xiong, 1987: 90. HT: ♂, CH (SW), Yunnan, Tung-chong county, Da-hao-ping, 2000 m; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

***Homoeocerus viridis* Hsiao, 1962**

Homoeocerus (Anacanthocoris) viridis Hsiao, 1962: 72, 75, 78. HT: ♀, CH (SW), Yunnan, Jing-hong county; IZAS.

Distr. AS: CH (SW).

***Homoeocerus viridulus* Ren, 1993**

Homoeocerus (Anacanthocoris) viridulus Ren, 1993: 346, 351. HT: ♂, CH (CE), Hubei, Xuan-en county, Dong-he, 1200 m; IZAS.

Distr. AS: CH (CE SW).

***Homoeocerus walkeri* Kirby, 1892**

Homoeocerus walkeri W.F. Kirby, 1892: 91. STS: India, Malaysia (Penang) and Ceylon [= Sri Lanka]; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Hoffmann, 1933 (biol.).

***Homoeocerus walkerianus* Lethierry & Severin, 1894**

Homoeocerus plagiatus Walker, 1871: 92, 93 (junior primary homonym of *Homoeocerus plagiatus* Germar, 1838). STS: ♂, ♀, CH (CE), Shanghai and (SE), Hong Kong; BMNH.

Homoeocerus walkerianus Lethierry & Severin, 1894: 38. New name for *plagiatus* Walker, 1871.

Distr. AS: CH (CE NO SW).

Subgenus *Tliponius* Stål, 1860

Tliponius Stål, 1860a: 464. Type species (designated here): *Homoeocerus puncticornis* Burmeister, 1835, Java.

Note: This subgenus is equivalent to subgenus *Homoeocerus* sensu stricto of authors following Distant (1902a: 355) who stated that *H. puncticornis* Burmeister was the type species of the genus. Kiritshenko (1916: 68) stated that *Tliponius limbatipennis* Stål, 1860 was the type species of *Tliponius* Stål, 1860 but invalidated this designation with the contradictory statement on page 70 of the same work that *Homoeocerus puncticornis* Burmeister was the type species. Stål (1873: 60) placed *limbatipennis* in *Anacanthocoris* Uhler, which he treated as a division of *Homoeocerus* separate from his division *Tliponius*. Most authors treated *Tliponius* as a synonym of *Homoeocerus* or, rarely, as a separate genus.

***Homoeocerus cingalensis* (Stål, 1860)**

Tliponius cingalensis Stål, 1860a: 465. ST(S): ♀, Sri Lanka; ZMHB.

Homoeocerus singalensis Stål, 1873: 60. Unjustified emendation for *cingalensis* Stål, 1860.

Distr. AS: CH (CE SE WP). **EL:** Oriental Region.

***Homoeocerus dilatatus* Horváth, 1879**

Homoeocerus dilatatus Horváth, 1879: 145. ST(S): ♂, ♀, CH (CE), ?Zhejiang, "Sobsam-Timbu"; HMNH.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE).

***Homoeocerus insignis* Hsiao, 1963**

Homoeocerus insignis Hsiao, 1963c: 616. HT: ♀, CH (SE), Guangdong, Lian-xian county; Zhongshan University, Guangzhou, Guangdong, CH.

Distr. AS: CH (SE).

***Homoeocerus laevilineus* Stål, 1873**

Homoeocerus laevilineus Stål, 1873: 60. STS: ♂, ♀, Sri Lanka; NHMW.

Distr. AS: CH (SE WP). **EL:** Oriental Region.

***Homoeocerus marginellus* (Herrich-Schaeffer, 1840)**

Gonocerus marginellus Herrich-Schaeffer, 1840b: 7. ST(S): locality unknown; lost.

Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

Note: Dallas (1852a: 447) erroneously synonymized this species with *Cimex unipunctatus* Thunberg, 1783, apparently believing both names to refer to the species now known as *Homoeocerus serrifer* (Westwood, 1842) (Distant, 1901c: 9).

***Homoeocerus marginiventris* Dohrn, 1860**

Homoeocerus marginiventris Dohrn, 1860a: 402. ST(S): Sri Lanka; lost?

Distr. AS: CH (CE SE SW) JA KO TA. **EL:** Oriental Region.

***Homoeocerus pallidulus* Blöte, 1936**

Homoeocerus (*Homoeocerus*) *pallidulus* Blöte, 1936: 59. HT: ♂, TA, Kagi; RMNH.

Distr. AS: TA.

***Homoeocerus shokaensis* Matsumura, 1913**

Homoeocerus shokaensis Matsumura, 1913: 130. STS: ♂, ♀, TA, Shoka, Shirin; EIHU.

Distr. AS: TA.

***Homoeocerus sinicus* Walker, 1871**

Homoeocerus sinicus Walker, 1871: 92, 98. HT: ♀, CH (SE), Hong Kong; BMNH.

Distr. AS: CH (SE).

***Homoeocerus unipunctatus* (Thunberg, 1783)**

Cimex unipunctatus Thunberg, 1783: 38. ST(S): JA; UZIU.

Homoeocerus chinensis Dallas, 1852a: 447 (syn. Distant, 1901c: 9). ST(S): ♀, CH (SE), Hong Kong; BMNH.

Gonocerus punctipennis Uhler, 1860: 226 (syn. Esaki, 1929: 228). HT: ♀, JA, Honshu, Simuda [= Shimoda]; USNM.

Homoeocerus distinctus Signoret, 1881a: 46 (syn. Hsiao, 1962: 68, suspected). ST(S): CH.

Distr. AS: CH (CE SE SW WP) JA KO TA. **EL:** Vietnam.

Note: Dallas (1852a: 447) misapplied the name *unipunctatus* Thunberg, citing *Gonocerus marginellus* Herrich-Schaeffer, 1840 in synonymy with it. Stål (1873: 60) catalogued *unipunctatus* sensu Dallas in synonymy with *Coreus serrifer* (Westwood, 1842: 24), Java and Nepal, along with *Homoeocerus parvulus* Walker, 1871, Sarawak. Citations of *serrifer* (Westwood) and *parvulus* Walker in synonymy with *unipunctatus* (Thunberg) appear to be errors arising from this confusion. Westwood (1842: 24) based his description of *Coreus serrifer* on material from Java and described a specimen from Nepal as an unnamed variety of it. Blöte (1936: 59) thought it “very probable” that Westwood’s Java material was conspecific with *marginellus* and sought to “provisionally preserve” the name *serrifer* Westwood for

the Nepalese form ("cotype" of this form in RMNH); he also (op. cit. p. 56) described *Homoeocerus dallasi* for Dallas's species but designated as holotype a specimen not seen by Dallas. Hsiao (1977a: 232) treated *distinctus* Signoret as a variety of *unipunctatus*.

***Homoeocerus yunnanensis* Hsiao, 1962**

Homoeocerus (Homoeocerus) yunnanensis Hsiao, 1962: 68, 74, 76. HT: ♂, CH (SW), Yunnan, He-kou county; IZAS.

Distr. AS: CH (SW). **EL:** Vietnam.

Genus *Omanocoris* Kiritshenko, 1916

Omanocoris Kiritshenko, 1916a: 69, 83. Type species by original designation:

Ceratopachys variabilis Dallas, 1852 (= *Gonocerus versicolor* Herrich-Schaeffer, 1841).

***Omanocoris versicolor* (Herrich-Schaeffer, 1841)**

Gonocerus versicolor Herrich-Schaeffer, 1841: 58. HT: ♂, locality unknown; lost.

Ceratopachys variabilis Dallas, 1852a: 502 (syn. Seidenstücker, 1957: 70). STS: ♂, ♀, N India; BMNH.

Tliponius insignicornis Stål, 1860a: 465 (syn. Stål, 1863a: 498, with *variabilis*, suspected; Stål, 1873: 63). ST(S): ♀, locality unknown; ZMHB.

Homoeocerus anticus Walker, 1871: 92, 98 (syn. Distant, 1901c: 9). HT: ♂, India, Hindostan; BMNH.

Homoeocerus rosaceus Distant, 1902a: 357 (syn. Kiritshenko, 1914c: xxvii, with *variabilis*). ST(S): Pakistan, Karachi; BMNH.

Distr. AS: AF IN IQ OM SA. **EL:** Oriental Region (northwest).

Genus *Prismatocerus* Amyot & Serville, 1843

Prismatocerus Amyot & Serville, 1843: 184. Type species by monotypy: *Prismatocerus auritulus* Amyot & Serville, 1843 (= *Homoeocerus magnicornis* Burmeister, 1835), South Africa.

Tagus Stål, 1865a: 67 (syn. Linnavuori, 1978: 14). Type species by monotypy: *Tagus productus* Stål, 1865.

Note: Both *Prismatocerus* and *Tagus* were reduced to subgenera or species-groups within *Homoeocerus* Burmeister, 1835 by Stål (1873: 57B63). Recently, Linnavuori (1978: 14 and 1989: 14) has used *Prismatocerus* as a full genus including *Tagus productus* Stål, the type species of *Tagus* Stål, implying the generic synonymy.

***Prismatocerus borealis* (Distant, 1918), comb. nov.**

Homoeocerus borealis Distant, 1918: 155. ST(S): N India, Dehra Dun; BMNH.

Distr. AS: AF. **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.).

***Prismatocerus inornatus* (Stål, 1873), comb. nov.**

Homoeocerus inornatus Stål, 1873: 58. STS: ♂, ♀, India (Pondichery) and CH; NHMW, NHRS.

Distr. AS: CH (?). **EL:** Oriental Region.

Note: The only supposedly Palaearctic specimen is one of the syntypes; the absence of modern records from CH casts doubt on the authenticity of this record.

***Prismatocerus kiritshenkoi* (Bergevin, 1930), comb. nov.**

Homoeocerus kiritshenkoi Bergevin, 1930c: 126. LT (Moulet, 1991: 55): ♂, AG,

Oued Tinikert, Mt Oudan; MNHN.
Distr. NA: AG.

***Prismatocerus productus* (Stål, 1865)**

Tagus productus Stål, 1865a: 67. LT (Linnavuori, 1978: 14): ♂, Sudan, Blue Nile, Sennar; NHMW.

Homoeocerus yerburyi Distant, 1901c: 12 (syn. Linnavuori, 1978: 14). STS: ♂, ♀, YE, Aden; BMNH.

?*Tagus tchadensis* Villiers, 1950b: 650 (syn. Linnavuori, 1978: 14, suspected). HT: ♀, Chad, N'Guigmi; MNHN.

Distr. AS: SA YE. **EL:** tropical Africa (north).

Tribe MANOCOREINI Hsiao, 1964

MANOCOREINI Hsiao, 1964c: 90. Type genus: *Manocoreus* Hsiao, 1964.

Genus *Manocoreus* Hsiao, 1964

Manocoreus Hsiao, 1964c: 90, 98. Type species by original designation: *Manocoreus vulgaris* Hsiao, 1964.

Note: This genus appears very similar to *Brunsellus* Distant, 1902, type species: *Homoeocerus smecticus* Distant, 1901, Burma.

Ref: Ren, 1983 (key to five Chinese spp).

***Manocoreus astinus* Ren, 1983**

Manocoreus astinus Ren, 1983: 322. HT: ♂, CH (SW), Yunnan, Piamna, 2300 m; IZAS.

Distr. AS: CH (SW WP).

***Manocoreus furcatus* G.Q. Liu & Ren, 1993**

Manocoreus furcatus G.Q. Liu & Ren, 1993: 147, 151. HT: ♂, CH (SE), Fujian, Mt. Longqui; IZAS.

Distr. AS: CH (SE).

***Manocoreus grypidus* Ren, 1993**

Manocoreus grypidus Ren, 1993: 347, 351. HT: ♂, CH (CE), Hubei, Li-shuan county, 1300 m; IZAS.

Distr. AS: CH (CE).

***Manocoreus marginatus* Hsiao, 1964**

Manocoreus marginatus Hsiao, 1964c: 90, 92, 99. HT: ♂, CH (SW), Yunnan, Jing-hong county, suburb of Jing-hong city; IZAS.

Distr. AS: CH (SW).

***Manocoreus montanus* Hsiao, 1964**

Manocoreus montanus Hsiao, 1964c: 90, 93, 99. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (SW).

***Manocoreus vulgaris* Hsiao, 1964**

Manocoreus vulgaris Hsiao, 1964c: 90, 99. HT: ♂, CH (SE), Fujian, Chung-an county, 800 m; IZAS.

Distr. AS: CH (CE SE).

***Manocoreus yunnanensis* Hsiao, 1964**

Manocoreus yunnanensis Hsiao, 1964c: 90, 93, 99. HT: ♂, CH (SW), Yunnan,

Xishuang-banna, 550 m; IZAS.
Distr. AS: CH (SW).

Tribe MECOCNEMINI Hsiao, 1964

MECOCNEMINI Hsiao, 1964c: 89. Type genus: *Mecocnemis* Hsiao, 1964.

Genus *Mecocnemis* Hsiao, 1964

Mecocnemis Hsiao, 1964c: 89, 98. Type species by original designation: *Mecocnemis scutellaris* Hsiao, 1964.

Note: *Coreus coccocinctus* (Burmeister, 1834), Philippines, and *Dasynus cardinalis* Breddin, 1900, Sulawesi, may be referable to this genus. *Coreus coccocinctus* is the type species of *Dasynus* Burmeister, 1834 (as subgenus of *Coreus*) by monotypy.

***Mecocnemis scutellaris* Hsiao, 1964**

Mecocnemis scutellaris Hsiao, 1964c: 89, 98. HT: ♀, CH (SW), Yunnan, Xishuang-banna, 550–950 m; IZAS.

Distr. AS: CH (SW).

Tribe MICTINI Amyot & Serville, 1843

MICTINI Amyot & Serville, 1843: xxxi, 187 (Mictides); Agassiz, 1846: 234 (Mictides); Dallas, 1852a: 376 (Mictidae). Type genus: *Mictis* Leach, 1814.

HELCOMERINI Breddin, 1903a: 221 (Helcomeraria) (syn. O'Shea & Schaefer, 1978: 782). Type genus: *Helcomeria* Stål, 1873.

LYGAEINAE sensu Kirkaldy, 1899b: 220. Type genus: *Lygaeus* Fabricius, 1794 sensu Kirkaldy, with type species *Cimex valgus* Linnaeus, 1758.

MERCENNINI Bergroth, 1912a: 77 (Mercennaria) (syn. O'Shea & Schaefer, 1978: 782). Type genus: *Mercennus* Distant, 1904.

DEREPTERINI Hsiao, 1963c: 611, 621 (syn. O'Shea & Schaefer, 1978: 782). Type genus: *Derepteryx* A. White, 1839.

Ref.: Dispons, 1962, 1963a, 1963b (rev. Asian genera and spp.); O'Shea, 1980 (rev. African genera, list of spp. including Asian *Anoplocnemis*); O'Shea & Schaefer, 1978 (tribal limits), 1980 (rev. Asian and Australian genera, list of spp.).

Note: It is not certain that Agassiz (1846) accepted Mictides Amyot & Serville, 1843 as non-vernacular. The spelling used by Dallas (1852a) is definitely a latinization, so validating the tribal name.

Genus *Anoplocnemis* Stål, 1873

Anoplocnemis Stål, 1873: 39, 47. Type species by subsequent designation (Distant, 1902a: 346): *Cimex curvipes* Fabricius, 1781.

Ituribius Bergroth, 1926: 9 (syn. Schouteden, 1938: 246). Type species by monotypy: *Ituribius serricollis* Bergroth, 1926, Congo.

Paranoplocnemis Schouteden, 1938: 251 (syn. O'Shea & Schaefer, 1980: 302). Type species by monotypy: *Mictis moesta* Dallas, 1852, Congo.

***Anoplocnemis binotata* Distant, 1918**

Anoplocnemis binotata Distant, 1918: 153. ST(S): ♀, India, N Assam; Mishni Distr., Tulang; BMNH.

Distr. AS: CH (CE NO SW WP). **EL:** Oriental Region.

***Anoplocnemis curvipes* (Fabricius, 1781)**

Cimex curvipes Fabricius, 1781: 351. ST(S): tropical Africa; BMNH (1 ST).

Coreus heteropus Latreille, 1827: 287 (syn. Stål, 1865a: 29). ST(S): Sudan.
Myctis apicalis Westwood, 1842: 12 (syn. Dallas, 1852a: 392). STS: ♂, ♀, Gambia; OXUM.
Cerbus fuliginosus Klug, 1842: 11 (syn. Stål, 1865a: 29). ST(S): Senegal.
Mictis gracilis Dallas, 1852a: 392 (syn. Stål, 1865a: 29). ST(S): ♂, Sierra Leone; BMNH.
Mictis libyssa Dallas, 1852a: 392 (syn. Stål, 1865a: 29). ST(S): ♂, Congo; BMNH.
Mictis bohemani Stål, 1855a: 28 (syn. Stål, 1865a: 29). ST(S): South Africa, Natal; NHRS.
Distr. AS: OM SA YE. **EL:** tropical Africa.
Ref.: Hartwig & De Lange, 1978 (biol.).

***Anoplocnemis dallasi* Kiritshenko, 1916**

Anoplocnemis dallasi Kiritshenko, 1916a: 64. LT (Kerzhner, 2003a: 101): ♂, KO, nr Thongchön; ZMAS.
Distr. AS: AF CH (NO SW) KO.
Note: Kiritshenko (1916: 64) noted that Dallas (1852a: 389) misapplied the name *Mictis affinis* Westwood to material of this species from KO in BMNH and (p. 64, footnote) suggested that *dallasi* might be a subspecies of *Anoplocnemis phasianus*.

***Anoplocnemis phasianus* (Fabricius, 1781)**

Cimex phasianus Fabricius, 1781: 361. STS: tropical Africa; BMNH.
Lygaeus grossipes Fabricius, 1803: 205 (junior primary homonym of *Lygaeus grossipes* Fabricius, 1794; syn. Distant, 1903a: 240). STS: Indonesia, Sumatra; ZMUC.
Lygaeus tumidipes Fabricius, 1803: 315. New name for *Lygaeus grossipes* Fabricius, 1803.
Myctis affinis Westwood, 1842: 10 (syn. Distant, 1901b: 327). STS: ♂, ♀, Indonesia, Java; OXUM.
Myctis bicolor Westwood, 1842: 10 (syn. Distant, 1901b: 327). ST(S): India, Nilgherry Mt. [= Nilgiri Hills]; OXUM.
Myctis punctum Westwood, 1842: 10 (syn. Walker, 1871: 21). STS: ♂, ♀, India, Cuna [= Coonoor]; OXUM.
Mictis castanea Dallas, 1852a: 389 (syn. Distant, 1900a: 373). ST(S): ♀, Ceylon [= Sri Lanka]; BMNH.
Mictis dubia Dallas, 1852a: 389 (syn. Distant, 1900a: 373). ST(S): ♀, Indonesia, Java; BMNH.
Mictis lata Dallas, 1852a: 390 (syn. Distant, 1900a: 373). ST(S): ♀, CH (SE), Hong Kong; BMNH.
Mictis ferrifera Walker, 1871: 20, 24 (syn. Distant, 1900a: 373). HT: ♂, India, Hindostan; BMNH.
Physomerus mictiformis Walker, 1871: 58, 61 (syn. Distant, 1900a: 373). HT: ♀, no locality; BMNH.
Distr. AS: CH (CE NO SE SW WP) JA TA. **EL:** Oriental Region.
Ref.: Hoffmann, 1933 (biol.).
Note: *Lygaeus varus* Lichtenstein, 1796 and *L. erythroderus* Lichtenstein, 1796, synonyms of this species, were published in a suppressed work (Opinion 1820/1995).

***Anoplocnemis protracta* (Herrich-Schaeffer, 1850)**

Mictis protractus Herrich-Schaeffer, 1850: 247. STS: ♂, ♀, E India?; lost.

Mictis compressa Dallas, 1852a: 388 (syn. Bergroth, 1913a: 134). ST(S): ♂, N India; BMNH.

Distr. AS: AF. **EL:** Oriental Region.

Note: The record for AF was published by Hoberlandt & Svihla (1990); they cite India and TA as its wider distribution. *Mictis protractus* Herrich-Schaeffer, 1850 was cited in synonymy with *Mictis affinis* Westwood, 1842 (catalogued above as a synonym of *phasianus*) by Dohrn (1859: 24). Both *M. protractus* and *M. compressa* Dallas, 1852 were cited in synonymy with *Anoplocnemis phasianus* (Fabricius, 1781) by O'Shea (1980).

Genus *Aspilosterna* Stål, 1873

Aspilosterna Stål, 1873: 46 (as subgenus of *Mictis*; upgraded by O'Shea & Schaefer, 1980: 223). Type species by subsequent designation (O'Shea & Schaefer, 1980: 224): *Mictis acutangula* Stål, 1865, Borneo.

Paramictis Hsiao, 1963a: 318, 335 (syn. O'Shea & Schaefer, 1980: 224). Type species by original designation: *Paramictis validus* Hsiao, 1963.

***Aspilosterna valida* (Hsiao, 1963)**

Paramictis validus Hsiao, 1963a: 319. HT: ♂, CH (SW), Yunnan, Jing-hong county; IZAS.

Distr. AS: CH (SE SW).

Genus *Aurelianus* Distant, 1902

Aurelianus Distant, 1902a: 340. Type species by original designation: *Aurelianus elongatus* Distant, 1902, Burma.

***Aurelianus yunnanensis* Xiong, 1987**

Aurelianus yunnanensis Xiong, 1987: 87, 92. HT: ♂, CH (SW), Yunnan, Meng-la county, Shang-yun; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

Genus *Breiddinella* Dispons, 1962

Breiddinella Dispons, 1962: 29, 31. Type species by monotypy: *Derepteryx laticornis* Breddin, 1903, Vietnam and Laos.

***Breiddinella humeralis* (Hsiao, 1963)**

Derepteryx humeralis Hsiao, 1963a: 314, 332. HT: ♂, CH (SW), Yunnan, Jin-ping county; IZAS.

Distr. AS: CH (CE SW). **EL:** Vietnam.

Genus *Derepteryx* A. White, 1839

Derepteryx A. White, 1839: 542. Type species by subsequent designation (Amyot & Serville, 1843: xxxi): *Derepteryx grayii* A. White, 1839.

Derapteryx: Westwood, 1842: 3, 8. Incorrect spelling of *Derepteryx* A. White, 1839.

Deropteryx Amyot & Serville, 1843: xxxi. Unjustified emendation of *Derepteryx* A. White, 1839.

Pterygomia Stål, 1873: 40 (as subgenus of *Derepteryx* A. White, 1839; objective junior synonym by homotypy). Type species by subsequent designation (Hsiao, 1964d: 1, 5, 17): *Derepteryx grayii* A. White, 1839.

Note: O'Shea & Schaefer (1980: 237, 241) discuss the identity and type species of the nominal genera *Derepteryx*, *Pterygomia* and *Molipteryx*. See also Hsiao, 1964d.

***Derepteryx caelestis* (Dispons, 1963)**

Pterygomia caelestis Dispons, 1963b: 52. HT: ♂, CH (SW), Yunnan, E of Tchin-Kiang (Lo-fou-tsouen), at confluence of Lou-nan-ho and Ta-ken-ho; MNHN.

Distr. AS: CH (SW).

***Derepteryx dissimilis* Hsiao, 1963**

Derepteryx dissimilis Hsiao, 1963a: 314, 332. HT: ♂, CH (SW), Yunnan, nr Kunming; IZAS.

Distr. AS: CH (SW).

***Derepteryx grayii* A. White, 1839**

Derepteryx grayii A. White, 1839: 542. ST(S): Nepal; BMNH?

Distr. AS: CH (SE SW) TA. **EL:** Oriental Region.

***Derepteryx mandarina* (Distant, 1900)**

Prionolomia mandarina Distant, 1900a: 367. STS: ♂, ♀, CH (CE), Jiangxi, Kiukiang [= Jiujiang]; BMNH.

Distr. AS: CH (CE). **EL:** Oriental Region (Vietnam).

Note: This species has variously been referred to the genera *Pseudomictis* Hsiao, 1963 and *Ochrochira* Stål, 1873.

***Derepteryx mengluna* (Han, 1991)**

Pterygomia mengluna Han, 1991: 204. HT: ♂, CH (SW), Yunnan, Xishuang-banna, Meng-lun; Plant Protection and Plant Quarantine Station of Quinnan Autonomous Prefecture, Duyun county, Guizhou, CH.

Distr. AS: CH (SW).

Note: Possibly a synonym of *Schroederia feana* (Distant, 1902), Oriental Region.

***Derepteryx obscurata* Stål, 1863**

Derepteryx obscurata Stål, 1863b: 602. STS: ♂, ♀, CH (CE), Shanghai; BMNH.

Distr. AS: CH (CE SE SW) TA. **EL:** Vietnam.

***Derepteryx sinensis* (Dispons, 1963)**

Pterygomia sinensis Dispons, 1963b: 48. HT: ♂, CH (SW), Sichuan, Siao-hou; MNHN.

Distr. AS: CH (SW).

***Derepteryx yunnana* (Ren, 1992), comb. nov.**

Pterygomia yunnana Ren, 1992a: 136, 146. HT: ♂, CH (SW), Yunnan, Lushui county, Pianma, 2300 m; IZAS.

Distr. AS: CH (SW).

Genus *Elasmopoda* Stål, 1873

Elasmopoda Stål, 1873: 38, 41. Type species by subsequent designation (Linnavuori, 1973: 115): *Cimex falx* Drury, 1782, W Africa.

Hoplopterna Stål, 1873: 39, 41 (syn. Linnavuori, 1973a: 115). Type species by subsequent designation (Linnavuori, 1973a: 115): *Cimex valgus* Linnaeus, 1758, South Africa.

Evagrius Distant, 1900a: 369 (syn. O'Shea, 1980: 319). Type species by monotypy:

Evagrius gladius Distant, 1900, E Africa.

Ref.: Linnavuori, 1973a (syst.).

Note: Kirkaldy (1899b: 220) believed that Fabricius had validly designated *Cimex valgus* Linnaeus, 1758 as type species of *Lygaeus* Fabricius, 1794, making *Lygaeus* the oldest

available name for this genus.

***Elasmopoda parmenio* Linnavuori, 1973**

Elasmopoda parmenio Linnavuori, 1973a: 117, 128. HT: ♂, Ethiopia, Shashamanni, Wondo cloud forest; AMNH.

Distr. AS: YE. **EL:** tropical Africa (Ethiopia).

Genus *Helcomeria* Stål, 1873

Helcomeria Stål, 1873: 37, 40. Type species by monotypy: *Petascelis spinosus* Signoret, 1851.

***Helcomeria spinosa* (Signoret, 1851)**

Petascelis spinosus Signoret, 1851a: 123. STS: ♂, ♀, Bangladesh, Silhet [= Sylhet].

Distr. AS: CH (SW WP). **EL:** Oriental Region.

Genus *Mictiopsis* Hsiao, 1965

Mictiopsis Hsiao, 1965b: 422, 431. Type species by original designation: *Mictiopsis curvipes* Hsiao, 1965.

***Mictiopsis curvipes* Hsiao, 1965**

Mictiopsis curvipes Hsiao, 1965b: 422, 432. HT: ♂, CH (SW), Yunnan, Kunming; TMNH.

Distr. AS: CH (SW).

Genus *Mictis* Leach, 1814

Mictis Leach, 1814: 91. Type species by monotypy: *Mictis crucifera* Leach, 1814 (= *Lygaeus profanus* Fabricius, 1803), Australia.

Myctis Leach, 1815: 121 (footnote). For *Mictis* Leach, 1814. Unjustified emendation or error.

Cerbus Hahn, 1831: 7, 14 (syn. Westwood, 1842: 4). Type species by subsequent designation (O'Shea & Schaefer, 1980: 229): *Cerbus fulvicornis* sensu Hahn, 1831 (= *Myctis longicornis* Westwood, 1842), Oriental Region.

Lygaeomictis Blöte, 1938: 294 (syn. O'Shea & Schaefer, 1980: 229). Type species by original designation: *Lygaeomictis dilatipes* Blöte, 1938, Timor.

Note: *Cerbus* Hahn, 1831 was founded on both *Cimex fulvicornis* sensu Hahn, 1831 and *Cimex valgus* Linnaeus, 1758 and is therefore not monobasic as indicated by O'Shea & Schaefer (1980: 229).

***Mictis angusta* Hsiao, 1965**

Mictis angusta Hsiao, 1965b: 423, 432. HT: ♂, CH (CE), Jiangxi, Wu-yuan county; NKUM.

Distr. AS: CH (CE SE).

***Mictis falloui* Reuter, 1888**

Mictis falloui Reuter, 1888b: 65. ST(S): CH (NO), Pekin [= Beijing]; MNHN.

Distr. AS: CH (NO).

Note: Kiritshenko (1916: 47) knew this species only from Reuter's description but placed it with his new species *Mictis camelina* and *M. potanini*, both of which are now referred to genus *Ochrochira* Stål, 1873.

***Mictis fuscipes* Hsiao, 1963**

Mictis serina fuscipes Hsiao, 1963a: 321, 337 (upgraded by Hsiao, 1964d: 9, 17). HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (CE NO SE SW). **EL:** Vietnam.

***Mictis gallina* Dallas, 1852**

Mictis gallina Dallas, 1852a: 403. ST(S): ♂, Bangladesh, Silhet [= Sylhet]; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

***Mictis serina* Dallas, 1852**

Mictis serina Dallas, 1852a: 403. ST(S): ♀, CH; BMNH.

Distr. AS: CH (CE SE SW WP).

Ref.: Hoffmann, 1933 (biol.).

***Mictis tenebrosa* (Fabricius, 1787)**

Cimex tenebrosus Fabricius, 1787: 288. STS: E India; BMNH, ZMUC.

Coreus (Cerbis) umbilicatus Burmeister, 1834a: 296 (syn. Stål, 1873: 45). ST(S): no data; ZMHB?

Myctis fasciatus Westwood, 1842: 11 (syn. Stål, 1873: 47, suspected; Distant, 1901b: 327). STS: ♂, ♀, CH; OXUM.

Mictis nigricornis Dallas, 1852a: 400 (syn. Stål, 1873: 47, suspected; Distant, 1902a: 344). ST(S): ♀, Bangladesh, Silhet [= Sylhet]; BMNH.

Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

***Mictis tuberosa* Hsiao, 1965**

Mictis tuberosa Hsiao, 1965b: 423, 432. HT: ♂, CH (SE), Guangxi, Yao-shan county; NKUM.

Distr. AS: CH (SE WP).

Genus *Molipteryx* Kiritshenko, 1916

Molipteryx Kiritshenko, 1916a: 27, 32. Type species by original designation: *Discogaster fuliginosus* Uhler, 1860.

Note: O'Shea & Schaefer (1980: 237B239, 241B242) discuss the identity and type species of the nominal genera *Derepteryx*, *Pterygomia* and *Molipteryx*. See also Hsiao (1964d). *Molipteryx* (without description) for *D. fuliginosa* Uhler, with syn. *tuberculipes* Motschulsky and page reference to Kiritshenko (1916) appeared in Kiritshenko (1915: 299).

***Molipteryx fuliginosa* (Uhler, 1860)**

Discogaster fuliginosus Uhler, 1860: 225. ST(S): ♀, no data (JA); USNM.

Menenotus tuberculipes Motschulsky, 1866: 187 (syn. Stål, 1873: 51, suspected; Distant, 1893b: 121). LT (Kerzhner & Jansson, 1985: 41): sex unknown, JA; ZMUM.

Mictis japonica Walker, 1871: 21, 23 (syn. Distant, 1893b: 121). HT: ♀, JA; BMNH.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE).

***Molipteryx hardwickii hardwickii* (A. White, 1839)**

Derepteryx hardwickii A. White, 1839: 542. ST(S): Nepal; BMNH?

Mictis amplexans Walker, 1871: 21, 25 (syn. Distant, 1900a: 366). STS: ♂, India, Hindostan; BMNH.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

Extralimital subspecies: *Molipteryx hardwickii chinai* (Miller, 1931) and *Molipteryx hardwickii nanus* (Dispons, 1962), both Oriental Region.

***Molipteryx lunata* (Distant, 1900)**

Ochrochira lunata Distant, 1900a: 370. STS: ♂, ♀, CH (CE), Jiangxi, Kiukiang

[= Jiujiang]; BMNH.
Distr. AS: CH (CE NO SE SW).

Genus *Notopteryx* Hsiao, 1963

Notopteryx Hsiao, 1963a: 316, 233. Type species by original designation: *Notopteryx concolor* Hsiao, 1963.

***Notopteryx concolor* Hsiao, 1963**

Notopteryx concolor Hsiao, 1963a: 316, 334. HT: ♂, CH (SW), Yunnan, Pu-er county; IZAS.

Distr. AS: CH (SW).

***Notopteryx extensus* Cen & Xie, 1996**

Notopteryx extensus Cen & Xie, 1996: 89. HT: ♀, CH (SE), Guangxi, Yulin (22° N, 110°15' E), 160 m; Yulin Junior Teachers' College, Yulin, Guangxi, CH.

Distr. AS: CH (SE).

***Notopteryx geminus* Hsiao, 1963**

Notopteryx geminus Hsiao, 1963c: 613, 621. HT: ♀, CH (SE), Guangdong, Mt Ding-hu; NKUM.

Distr. AS: CH (SE).

***Notopteryx soror* Hsiao, 1963**

Notopteryx soror Hsiao, 1963c: 611, 621. HT: ♀, CH (SE), Guangdong, Mt Ding-hu; NKUM.

Distr. AS: CH (SE).

Genus *Ochrochira* Stål, 1873

Ochrochira Stål, 1873: 39, 44. Type species by subsequent designation (Distant, 1893b: 121): *Myctis albiditarsis* Westwood, 1842.

Elasmomia Stål, 1873: 38, 41 (syn. Hsiao, 1963c: 613, 621). Type species by monotypy: *Myctis granulipes* Westwood, 1842.

Note: *Mictis falloui* Reuter, 1888 may belong to this genus.

***Ochrochira albiditarsis* (Westwood, 1842)**

Myctis albiditarsis Westwood, 1842: 11. ST(S): ♀, Nepal; OXUM.

Distr. AS: CH (SW WP). **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.).

***Ochrochira camelina* (Kiritshenko, 1916)**

Mictis camelina Kiritshenko, 1916a: 48. HT: ♀, CH (SW), Sichuan, Tapa-Ljumbapu; ZMAS.

Distr. AS: CH (SW).

***Ochrochira dentata* Ren, 1988**

Ochrochira dentata Ren, 1988b: 94. HT: ♂, CH (WP), Xizang, Zhang-mu; NKUM.

Distr. AS: CH (WP).

***Ochrochira ferruginea* Hsiao, 1963**

Ochrochira ferruginea Hsiao, 1963a: 317, 334. HT: ♂, CH (SW), Yunnan, Jin-ping county; IZAS.

Distr. AS: CH (SW WP). **EL:** Vietnam.

***Ochrochira fusca* Hsiao, 1963**

Ochrochira fusca Hsiao, 1963a: 317, 334. HT: ♂, CH (SW), Yunnan, Kunming; IZAS.

Distr. AS: CH (SW).

***Ochrochira granulipes* (Westwood, 1842)**

Myctis granulipes Westwood, 1842: 11. ST(S): ♂, India; OXUM.

Distr. AS: CH (SW WP). **EL:** Oriental Region.

***Ochrochira marginata* Ren, 1992**

Ochrochira marginata Ren, 1992b: 55, 57. HT: ♂, CH (SE), Guangxi; NKUM.

Distr. AS: CH (SE).

***Ochrochira monticola* Hsiao, 1963**

Ochrochira monticola Hsiao, 1963c: 612, 621. HT: ♂, CH (CE), Zhejiang, Mt Tianmu; IZAS.

Distr. AS: CH (CE SW WP).

***Ochrochira nigrorufa* (Walker, 1871)**

Physomerus nigrorufus Walker, 1871: 58, 60. HT: ♀, India, Hindostan; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Ochrochira pallipennis* Hsiao, 1963**

Ochrochira pallipennis Hsiao, 1963a: 318, 335. HT: ♀, CH (SW), Yunnan, Jin-ping county; IZAS.

Distr. AS: CH (SW).

***Ochrochira potanini* (Kiritshenko, 1916)**

Mictis potanini Kiritshenko, 1916a: 48, 55. LT (Kerzhner, 2003a: 102): ♀, CH (SW), Sichuan, between Tsali and Tapa; ZMAS.

Distr. AS: CH (CE NO SW WP).

***Ochrochira qingshanensis* Ren, 1992**

Ochrochira qingshanensis Ren, 1992b: 56. HT: ♂, CH (NO), Tianjin; NKUM.

Distr. AS: CH (NO).

***Ochrochira stenopoda* Ren, 1993**

Ochrochira stenopoda Ren, 1993: 344, 350. HT: ♂, CH (CE), Hunan, Yongshun, 29°N, 109.8°E, 600–820 m; IZAS.

Distr. AS: CH (CE).

Genus *Prionolomia* Stål, 1873

Prionolomia Stål, 1873: 37, 40. Type species by subsequent designation (Distant, 1902a: 336): *Mictis malaya* Stål, 1865, Malaya.

Priptychomia Breddin, 1903a: 221 (syn. Dispons, 1962: 28, 40). Type species by monotypy: *Priptychomia euryptera* Breddin, 1903, Vietnam.

Ref.: Dispons, 1962 (syst.)

***Prionolomia gigas* Distant, 1879**

Prionolomia gigas Distant, 1879a: 127. ST(S): India.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Prionolomia yunnanensis* Dispons, 1962**

Prionolomia yunnanensis Dispons, 1962: 39. HT: ♂, CH (SW), Yunnan, E of Tchin-kiang [= Chengjiang]; MNHN.

Distr. AS: CH (SW).

Genus *Prionolomiopsis* O'Shea, 1980

Prionolomiopsis O'Shea in O'Shea & Schaefer, 1980: 222, 246. Type species by original designation: *Mygdonia amplicolis* Stål, 1873, Bangladesh.

***Prionolomiopsis spinifera* (Hsiao, 1965)**

Mygdonia spinifera Hsiao, 1965b: 421, 431. HT: ♂, CH (SE), Guangxi, Long-zhou, Mt Da-quin; TMNH.

Distr. AS: CH (SE).

Genus *Pseudomictis* Hsiao, 1963

Pseudomictis Hsiao, 1963a: 319, 336. Type species by original designation: *Pseudomictis brevicornis* Hsiao, 1963.

***Pseudomictis brevicornis* Hsiao, 1963**

Pseudomictis brevicornis Hsiao, 1963a: 319, 337. HT: ♂, CH (SW), Yunnan, Kunming; IZAS.

Distr. AS: CH (SE SW WP). **EL:** Vietnam.

***Pseudomictis distinctus* Hsiao, 1963**

Pseudomictis distinctus Hsiao, 1963a: 320, 337. HT: ♂, CH (SW), Yunnan, Yi-wu county; IZAS.

Distr. AS: CH (CE SE SW). **EL:** Laos.

***Pseudomictis obtusispinus* Xiong, 1987**

Pseudomictis obtusispinus Xiong, 1987: 88, 91. HT: ♂, CH (SE), Hainan, Mt Diao-lo, 900 m; Zoological Institute of Kunming, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SE).

***Pseudomictis quadrispinus* Hsiao, 1977**

Pseudomictis quadrispinus Hsiao, 1977a: 210, 304. HT: ♂, CH (SE), Fujian, Shao-wu county, Yan-shan, Mt Yun-jing; NKUM.

Distr. AS: CH (SE).

Genus *Rhamnomia* Hsiao, 1963

Rhamnomia Hsiao, 1963c: 613, 621. Type species by original designation: *Prionolomia dubia* Hsiao, 1963.

***Rhamnomia dubia dubia* (Hsiao, 1963)**

Prionolomia dubia Hsiao, 1963a: 316, 333. HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (SE SW).

Note: Dong (2000) reported *Rh. dubia* from Vietnam, but did not specify the subspecies.

***Rhamnomia dubia serrata* Hsiao, 1964**

Rhamnomia dubia serrata Hsiao, 1964d: 7, 11, 14, 17. HT: ♂, CH (SW), Yunnan, Xishuang-banna; TMNH.

Distr. AS: CH (SW).

[Genus *Schroederia* E. Schmidt, 1911

Schroederia E. Schmidt, 1911: 568. Type species by original designation: *Schroederia trilineata* E. Schmidt, 1911 (= *Derepteryx feana* Distant, 1902).

Axinepteryx Dispons, 1962: 29, 33 (syn. O'Shea & Schaefer, 1980: 248). Type species

by monotypy: *Derepteryx feana* Distant, 1902, Burma.
Axinepterus: Dispons, 1962: 33. Variant spelling, probably lapsus; rejected by O'Shea & Schaefer (1980: 248).

Note: Dispons (1962) uses the spelling *Axinepterus* only once, unfortunately in the heading of the generic diagnosis on p. 33, but the spelling *Axinepteryx* appears on pp. 29 (twice), 30, 33 and 34. This monotypic genus is catalogued in the Palaearctic fauna because of the possibility that *Derepteryx mengluna* (Han, 1991) is synonymous or at least congeneric with its type species.]

[*Schroederia feana* (Distant, 1902)

Derepteryx feana Distant, 1902a: 335. ST(S): Burma, Tenasserim, Thagata; BMNH.

Schroederia trilineata E. Schmidt, 1911: 569 (syn. Blöte, 1938: 287). HT: ♀,

Indonesia, Sumatra, Soekaranda; lost.

Distr. AS: CH (SW)? EL: Oriental Region.

Ref.: Horváth, 1911b (descr.).]

Tribe PETASCELINI Stål, 1873

PETASCELINI Stål, 1873: 34, 53 (Petascelaria). Type genus: *Petascelis* Signoret, 1847, tropical Africa.

Genus *Petillocoris* Hsiao, 1963

Petillocoris Hsiao, 1963c: 614, 615, 622. Type species by original designation:

Petillocoris longipes Hsiao, 1963.

***Petillocoris longipes* Hsiao, 1963**

Petillocoris longipes Hsiao, 1963c: 616, 622. HT: ♂, CH (SW), Yunnan, Jing-hong county, Mong-song, 1600 m; IZAS.

Distr. AS: CH (SW).

Genus *Petillopsis* Hsiao, 1963

Petillopsis Hsiao, 1963c: 614, 622. Type species by original designation: *Mictis calcar* Dallas, 1852.

***Petillopsis calcar* (Dallas, 1852)**

Mictis calcar Dallas, 1852a: 397. STS: ♂, ♀, India; BMNH.

Trematocoris subvittata Walker, 1871: 32, 34 (syn. Distant, 1900a: 376). HT: ♂, India, "Cahar" [= Silhar]; BMNH.

Trematocoris vittata Walker, 1871: 33, 36 (syn. Distant, 1900a: 376). STS: ♂, Siam [= Thailand] and unknown locality; BMNH.

Melucha notatipes Walker, 1871: 56 (syn. Distant, 1900a: 376). HT: ♂, Siam [= Thailand]; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.).

***Petillopsis patulicollis* (Walker, 1871)**

Trematocoris patulicollis Walker, 1871: 33, 37. STS: ♂, India, Hindostan; BMNH.

Distr. AS: CH (SW WP). **EL:** Oriental Region.

Genus *Trematocoris* Mayr, 1865

Megatrema Mayr, 1865: 431 (junior homonym of *Megatrema* Leach, 1825, Cirripedia).

Type species as for *Trematocoris*.

Trematocoris Mayr, 1865: 431. New name for *Megatrema* Mayr, 1865. Type species by

subsequent designation (Hsiao, 1963c: 614, 621): *Cimex tragus* Fabricius, 1787.

Note: This genus was regarded for many years as synonymous with *Petillia* Stål, 1865 (type species by monotypy: *Petillia mormo* Stål, 1865, South Africa). Hsiao (1963c) raised it from synonymy and designated a type species. Distant (1902a: 348) wrongly cited *Cimex tragus* Fabricius, 1787 as type species of *Petillia*.

***Trematocoris insignis* (Hsiao, 1963)**

Petillia insignis Hsiao, 1963a: 321, 327. HT: ♀, CH (SW), Yunnan, Jin-ping county; IZAS.

Distr. AS: CH (SW).

***Trematocoris lobipes* (Westwood, 1842)**

Myctis lobipes Westwood, 1842: 11. ST(S): ♂, India, Cuna [= Coonoor]; OXUM.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Trematocoris tragus* (Fabricius, 1787)**

Cimex tragus Fabricius, 1787: 288. STS: CH; ZMUC.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Tribe PHYLLOMORPHINI Mulsant & Rey, 1870

PHYLLOMORPHINI Mulsant & Rey, 1870: 9 (Phyllomorphaires); Stål, 1872a: 52 (Phyllomorpha). Type genus: *Phyllomorpha* Laporte, 1833.

Genus *Pephricus* Amyot & Serville, 1843

Pephricus Amyot & Serville, 1843: 235. Type species (designated here): *Cimex paradoxus* Sparrmann, 1777, South Africa.

Note: The only species originally included in *Pephricus* were *Cimex paradoxus* and *Phyllomorpha capicola* Westwood, 1841, both from South Africa and both presently congeneric.

***Pephricus subtilis* Montandon, 1913**

Pephricus subtilis Montandon, 1913: 275. ST(S): YE, Aden; MNHN? (coll. Royer).

Distr. AS: YE.

Genus *Phyllomorpha* Laporte, 1833

Phyllomorpha Laporte, 1833: 47 (also as *Phyllomorphus* on p. 41). Type species by subsequent designation (Reuter, 1888a: 414): *Coreus hystrix* Latreille, 1817 (= *Cimex laciniatus* Villers, 1789).

Craspedum Rambur, 1839: 138. Unnecessary new name for *Phyllomorpha* Laporte, 1833.

Phyllophya Stål, 1873: 80 (syn. Horváth, 1889a: 326). Type species by monotypy:

Phyllomorpha persica Westwood, 1841 (= *Phyllomorpha lacerata* Herrich-Schaeffer, 1835).

Note: Burmeister (1835: 310) acting as first reviser selected *Phyllomorphus* as the correct original spelling, and Westwood (1840b: 484) validly designated *Cimex paradoxus* Sparrmann, 1777 as the type species. A proposal to set aside both these acts in order to preserve the general current usage is sent to the International Commission on Zoological Nomenclature.

***Phyllomorpha lacerata* Herrich-Schaeffer, 1835**

Phyllomorpha laceratus [sic] Herrich-Schaeffer, 1835a: 41, 73. ST(S): IT, Piemont; ZMHB.

Phyllomorpha persica Westwood, 1841: 8 (syn. Horváth, 1889a: 326). HT: IN,

Teheran; OXUM.

Distr. EU: AL GR IT “YU”? **NA:** AG. **AS:** AB AF AK AR AT IN IQ IS JO KI LE SY TD TM UZ. **EL:** Oriental Region (Pakistan).

***Phyllomorpha laciniata* (Villers, 1789)**

Cimex laciniatus Villers, 1789: 493. ST(S): FR; lost.

Coreus hystrix Latreille, 1817: 55 (syn. Amyot & Serville, 1843: 236). ST(S): FR.

Coreus gallicus Germar, 1822: systematic index (syn. Mulsant & Rey, 1870: 11). For *Coreus paradoxus* (non Sparrmann, 1777): sensu Ahrens, 1812: pl. 24 and legend. ST(S): FR (south).

Aradus muricatus Hummel in Jaeger, 1827: 47 (syn. Kanyukova, 1984: 13). ST(S): RU (ST), Stavropol Terr., Pyatigorsk [in error?, probably GG, Tbilisi]; lost.

Phyllomorpha algerica Guérin-Ménéville, 1839a: 232 (syn. Puton, 1881b: 87). ST(S): AG.

Phyllomorpha algerica: Guérin-Ménéville, 1839b: 226. Incorrect subsequent spelling.

Phyllomorpha erinaceus Herrich-Schaeffer, 1842: 103 (syn. Dallas, 1852a: 491; Gorski, 1852: 142). ST(S): BU, Rumelia; lost.

Phyllomorpha erinaceus Germar, 1847: pl. 12 and legend (syn. Fieber, 1861: 215). ST(S): BU, Rumelia.

Phyllomorpha laciniata brevispina Wagner, 1955a: 100 (syn. Moulet, 1991: 55). HT mentioned but sex and data not stated; STS: IT, Sicily, Mt Aetna, various localities; INER.

Phyllomorpha laciniata montandon Zange, 2005 (syn. Kment, 2005: 19). HT: ♂, GR, nr Rapsáni; coll. Zange, Ingolstadt, GE.

Distr. EU: AL BH BU CR ET FR GR HU IT MC MD PO RO RU (ST) SP UK YU.

NA: AG CI! EG LB MO TU. **AS:** AB AR AT GG IN IS JO OM SA SI SY.

Genus *Tongorma* Kirkaldy, 1900

Tongorma Kirkaldy, 1900b: 242. Type species by original designation: “*phyllomorphum* Latr.” (= *Phyllomorpha latreillii* Guérin-Ménéville, 1839).

Note: The generic name was proposed as a substitute for *Craspedum* Rambur, 1839 in the sense of Amyot & Serville, 1843: 234, not Rambur, 1839: 138.

***Tongorma latreillii* (Guérin-Ménéville, 1839), comb. nov.**

Phyllomorpha latreillii Guérin-Ménéville, 1839a: 233. ST(S): Senegal.

Phyllomorpha lutreillii: Guérin-Ménéville, 1839b: 227. Incorrect subsequent spelling.

Craspedum phyllomorpha Amyot & Serville, 1843: 234 (with syn. *latreille* [sic]). ST(S): Senegal.

Distr. AS: YE. **EL:** tropical Africa.

Note: This species was figured by Latreille (1829b: pl. 19, fig. 3) and was given the vernacular name “Corée (Syromaste) phyllomorphe” by Latreille (1830: 438); the epithet was latinized by Amyot & Serville (1843).

Tribe PRIONOTYLINI Puton, 1872

PRIONOTYLINI Puton, 1872: 305 (Prionotylia). Type genus: *Prionotylus* Fieber, 1860.

Ref.: Dolling, 1973 (syst.); Horváth, 1932 (syst.).

Genus *Prionotylus* Fieber, 1860

Prionotylus Fieber, 1860: 55. Type species by subsequent monotypy (Fieber, 1861: 215):

Prionotylus helferi Fieber, 1861 (= *Chorosoma brevicorne* Mulsant & Rey, 1852).

Myrmidius A. Costa, 1864: 135 (syn. Stål, 1872a: 52). Type species by monotypy:

Myrmidius flavidus A. Costa, 1864 (= *Chorosoma brevicorne* Mulsant & Rey, 1852).
Sudalus Mulsant & Rey, 1870: 173, 176 (syn. Puton, 1875: 17). Type species by
monotypy: *Chorosoma brevicorne* Mulsant & Rey, 1852.

***Prionotylus brevicornis* (Mulsant & Rey, 1852)**

Chorosoma brevicorne Mulsant & Rey, 1852: 111. LT (Moulet, 1991: 56): ♂, FR,
Montpellier; MHNL.

Prionotylus helferi Fieber, 1861: 215 (syn. Puton, 1871a: 425). STS: ♂, IT (Sicily),
SP.

Myrmidius flavidus A. Costa, 1864: 136 (syn. Puton, 1871a: 425, suspected; Walker,
1873b: 49). LT (Carapezza et al., 1995: 283): ♂, IT, Sicily, Palermo; ZIUN.

Prionotylus brevicornis var. *obsoletus* Seabra, 1925a: 15. STS: PO; Zoological
Museum, Coimbra University, PO.

Distr. EU: FR IT MA PO SP. **NA:** AG CI EG LB MO TU. **AS:** AT CY IQ IS SY.

Tribe SINOTAGINI Hsiao, 1963

SINOTAGINI Hsiao, 1963c: 617, 621. Type genus: *Sinotagus* Kiritshenko, 1916.

Note: Kiritshenko (1916) referred *Sinotagus* to Homoeocerini. X.Z. Li (1996b: 197, 202)
removed *Sinotagus rubromaculatus* Hsiao, 1963 to *Anacanthocoris* Uhler, 1861,
catalogued here in Homoeocerini as a subgenus of *Homoeocerus* Burmeister, 1835.

Genus *Sinotagus* Kiritshenko, 1916

Sinotagus Kiritshenko, 1916a: 69, 100. Type species by original designation: *Sinotagus*
nasutus Kiritshenko, 1916.

***Sinotagus nasutus* Kiritshenko, 1916**

Sinotagus nasutus Kiritshenko, 1916a: 105. HT: ♀, CH (SW), Sichuan, river
Saotshanchu [= Xiaojin-he], between Panshamyr and Sinchengji; ZMAS.

Distr. AS: CH (SW).

SPECIES INQUIRENDAE

***Cimex distinctus* Gmelin, 1790**

Cimex distinctus Gmelin, 1790: 2149. For *Cimex* no. 83 in Zschach, 1788: 119.
ST(S): EU; lost.

Distr. EU.

Note. Possibly a species of *Gonocerus* Berthold or *Haploprocta* Stål.

***Cimex platycerus* Gmelin, 1790**

Cimex platycerus Gmelin, 1790: 2187. For *Cimex* no. 129 in Zschach, 1788: 121.
ST(S): EU; lost.

Distr. EU.

Note. A species of *Gonocerus* Berthold.

***Cimex rubricornis* Gmelin, 1790**

Cimex rubricornis Gmelin, 1790: 2149. For *Cimex* no. 84 in Zschach, 1788: 119.
ST(S): EU; lost.

Distr. EU.

Note. Apparently a species of *Coriomeris* Westwood.

***Cimex viridipes* Villers, 1789**

Cimex viridipes Villers, 1789: 493. ST(S): FR (south); lost.

Distr. EU: FR.

Note. Possibly *Gonocerus juniperi* Herrich-Schaeffer, 1839.

Family UROSTYLIDIDAE Dallas, 1851

D.A. Rider

This Eastern Hemisphere family includes two subfamilies, eleven genera, and just over 170 species. Urostylidids occur from the Indo-Pakistan region eastward throughout most of China and Japan, and then south into Southeast Asia; they are absent from the Austral-Pacific and African regions. The Saileriolinae is a small subfamily both in number of species and in stature, containing three genera and four species of very small (usually less than 5 mm) bugs. The nominotypical subfamily is further divided into two tribes, the Urolabidini and the Urostylidini, both of which contain a number of genera and species of larger (usually much greater than 5 mm), more elongate, coreoid-looking insects. Very little is known about the biology of most species. Several species of Urostylidinae have been recorded from various trees, and have occasionally been reported as pests on pears. Also, adults and immatures of *Ruckesona vitrella* Schaefer & Ashlock have been collected from an unidentified palm, suggesting that this is probably a host for this species. At least in some areas of China, urostylidids tend to occur only in mountainous regions, being quite rare in lowlands.

The systematic placement of this family has long been a matter of conjecture. They have variously been associated with the Acanthosomatidae, the Pentatomidae, or the Pyrrhocoridae (Kumar, 1971, near the base of the Pentatomomorpha). Others (China & Slater, 1956; Schaefer & Ashlock, 1970) have placed the urostylidids near the base of the Pentatomidae + Coreidae + Lygaeidae, or near the base of the Pentatomoidea, respectively. The trichobothrial placement and pattern suggests that they belong in the Pentatomoidea, but much further work is needed.

There is no modern comprehensive treatment of the family as a whole. Ahmad et al. (1992) reviewed the taxa from the Indian subregion; the Chinese species have been treated several times (Yang, 1939; Maa, 1947; Hsiao & Ching, 1977), but Ren in a series of papers (1984-2004), and several other Chinese workers (J.J. Li, 1981a; Zhang & Xue, 1992; Z.Y. Chen, 1994; etc.), have added many new species. The species were not catalogued by Kirkaldy (1909b); the last world catalogue is that of Lethierry & Severin (1893). Kobayashi (1953, 1965) has examined the immature forms of several species.

Family UROSTYLIDIDAE Dallas, 1851

UROSTYLIDIDAE Dallas, 1851a: 313 (Urostylidae). Type genus: *Urostylis* Westwood, 1837.

Ref.: Berger et al., 2001 (spelling).

Subfamily UROSTYLIDINAE Dallas, 1851

Tribe UROLABIDINI Stål, 1876

UROLABIDINI Stål, 1876: 115 (Urolabidina). Type genus: *Urolabida* Westwood, 1837.

Genus *Urolabida* Westwood, 1837

Urolabida Westwood, 1837: 45. Type species by monotypy: *Urolabida tenera* Westwood, 1837.

Caliprepes A. White, 1839: 543 (syn. Dallas, 1851a: 316). Type species by monotypy: *Caliprepes grayii* A. White, 1839.

Typhlocoris Herrich-Schaeffer, 1840a: 79 (syn. Dallas, 1851a: 316). Type species by monotypy: *Typhlocoris semicircularis* Herrich-Schaeffer, 1840 (= *Urostylis histrionica* Westwood, 1837).

Caliprepes: A. White, 1842a: 93. Incorrect subsequent spelling.

Ref.: Ahmad et al., 1992 (descr., key); Distant, 1902a (descr., key).

***Urolabida aipysa* Ren, 1985**

Urolabida aipysa Ren, 1985: 73, 77. HT: ♂, CH (SE), Guangxi, Jinxiu; NKUM.

Urolabida pseudaiipysa Lin, 1993: 235, 237 (syn. Ren, 1997a: 6, 10). HT: ♂, CH (CE), Jangxi, Chongyi County; IZAS.

Distr. AS: CH (CE SE).

***Urolabida baoshanana* Ren, 1997**

Urolabida baoshanana Ren, 1997b: 59, 65. HT: ♀, CH (SW), Yunnan, Baoshan County, Mt Taibao; NKUM.

Distr. AS: CH (SW).

***Urolabida bimaculata* Ren, 1986**

Urolabida bimaculata Ren, 1986a: 134, 137. HT: ♀, CH (SW), Yunnan, Menghai; TMNH.

Distr. AS: CH (SW).

***Urolabida callosa* Hsiao & Ching, 1977**

Urolabida callosa Hsiao & Ching, 1977: 185, 302. HT: ♂, CH (SW), Yunnan, Xishuangbanna; TMNH.

Distr. AS: CH (SW).

***Urolabida calycis* Ren, 1984**

Urolabida calycis Ren, 1984b: 10, 13. HT: ♂, CH (SW), Yunnan, Lushui; IZAS.

Distr. AS: CH (SW).

***Urolabida concolor* Hsiao & Ching, 1977**

Urolabida concolor Hsiao & Ching, 1977: 187, 303. HT: ♀, CH (SW), Yunnan, Xishuangbanna; NKUM.

Distr. AS: CH (SW).

***Urolabida cuneata* Ren, 1986**

Urolabida cuneata Ren, 1986a: 134, 136. HT: ♂, CH (SW), Yunnan, Mengla; IZAS.

Distr. AS: CH (SW).

***Urolabida diaoluoensis* Ren, 1986**

Urolabida diaoluoensis Ren, 1986b: 147, 151. HT: ♀, CH (SE), Guangdong, Diaoluo Mt.; NKUM.

Distr. AS: CH (SE).

***Urolabida grayii* (A. White, 1839)**

Caliprepes grayii A. White, 1839: 543. HT: Nepal; BMNH.

Distr. AS: CH (SW WP). **EL:** India, Nepal, Pakistan.

Ref.: Blöte, 1945 (distr., fig.); Yang, 1938a (genitalia).

***Urolabida guangxiensis* Ren, 1986**

Urolabida guangxiensis Ren, 1986b: 148, 152. HT: ♂, CH (SE), Guangxi, Rongan; NKUM.

Distr. AS: CH (SE).

***Urolabida hainanana* Ren, 1986**

Urolabida hainanana Ren, 1986b: 147, 151. HT: ♂, CH (SE), Hainan, Jianfongling; NKUM.

Distr. AS: CH (SE).

***Urolabida histrionica* (Westwood, 1837)**

Urostylis histrionica Westwood, 1837: 10, 46. ST(S): India, “India orientali”; OXUM.

Typhlocoris semicircularis Herrich-Schaeffer, 1840a: 79 (syn. Dallas, 1852b: 16).

ST(S): Bengal [India or Bangladesh]; lost.

Urolabida binotata Walker, 1867a: 415 (syn. Distant, 1900b: 226). HT: Bangladesh, Silhet [= Sylhet]; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

Ref.: Kumar, 1971 (genitalia); Yang, 1938a (genitalia).

***Urolabida huangi* Ren, 2001**

Urolabida huangi Ren, 2001: 1, 4. HT: ♂, CH (SW), Yunnan, Wanding; NKUM.

Distr. AS: CH (SW).

***Urolabida intacta* Maa, 1947**

Urolabida intacta Maa, 1947: 138, 143. HT: ♀, CH (SE), Fujian, Hwang-Lih, Yungan Hsien; coll. Maa (BPBM?).

Distr. AS: CH (SE).

***Urolabida khasiana* Distant, 1887**

Urolabida khasiana Distant, 1887: 357. ST(S): India, Assam, N Khasia; BMNH.

Distr. AS: CH (SW). **EL:** India.

Ref.: Miller, 1953 (egg); Yang, 1938a (♂ genitalia).

***Urolabida lineata* Hsiao & Ching, 1977**

Urolabida lineata Hsiao & Ching, 1977: 186, 302. HT: ♀, CH (SW), Yunnan, Xishuangbanna; NKUM.

Distr. AS: CH (SW).

***Urolabida lobopleuralis* (Maa, 1947)**

Urostylis lobopleuralis Maa, 1947: 136, 143. HT: ♀, TA, Jujiro, Arisan [= Alishan]; Taiwan Agricultural Research Institute, TA (not found).

Distr. AS: TA.

Ref.: Ren & C.S. Lin, 2003 (tax.).

***Urolabida luchunana* Ren, 2000**

Urolabida luchunana Ren, 2000a: 26, 29. HT: ♂, CH (SW), Yunnan, Luchun County; NKUM.

Distr. AS: CH (SW).

***Urolabida maculata* Zhang & Xue, 1995**

Urolabida scutellata Zhang & Xue, 1988a: 93 (junior primary homonym of *Urolabida scutellata* Ren, 1986). HT: ♂, CH (WP), Xizang, Medog; IZAS.

Urolabida maculata Zhang & Xue, 1995: 224. New name for *scutellata* Zhang & Xue, 1988.

Distr. AS: CH (WP).

***Urolabida marginata* Hsiao & Ching, 1977**

Urolabida marginata Hsiao & Ching, 1977: 187, 303. HT: ♀, CH (NO), Henan, Anyang; NKUM.

Distr. AS: CH (NO).

***Urolabida menghaiensis* Ren, 2001**

Urolabida menghaiensis Ren, 2001: 2, 4. HT: ♂, CH (SW), Yunnan, Menghai; NKUM.

Distr. AS: CH (SW).

***Urolabida menglongana* Ren, 2000**

Urolabida menglongana Ren, 2000a: 26, 30. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong-Mengsong; NKUM.

Distr. AS: CH (SW).

***Urolabida miyamotoi* Ren, 1997**

Urolabida miyamotoi Ren, 1997b: 61, 64. HT: ♂, CH (SW), Yunnan, Xishuangbanna; NKUM.

Distr. AS: CH (SW).

***Urolabida montana* Ren, 1988**

Urolabida montana Ren, 1988c: 53. HT: ♂, CH (SW), Yunnan, Kunming; NKUM.

Distr. AS: CH (SW).

***Urolabida napoensis* Ren, 2002**

Urolabida napoensis Ren, 2002: 7, 9. HT: ♂, CH (SE), Guangxi, Napo County; NKUM.

Distr. AS: CH (SE).

***Urolabida nigra* Zhang & Xue, 1992**

Urolabida nigra Zhang & Xue, 1992: 264. HT: ♂, CH (CE), Hunan, Shimen; IZAS.

Distr. AS: CH (CE).

***Urolabida nigromarginalis* (Reuter, 1881)**

Urostylis nigromarginalis Reuter, 1881b: 85. ST(S): ♀, India, Darjeeling; NHRS.

Urostylis guangdongensis Z.Y. Chen, 1994: 322, 324 (syn. Ren, 1997b: 63). HT: ♂, CH (SE), Guangdong, Shixing County, Chebaling Nature Conservation Area; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE SW). **EL:** India.

***Urolabida pulchra* Blöte, 1945**

Urolabida pulchra Blöte, 1945: 310. HT: ♂, India (north), Shaw States, Kalaw; RMNH.

Distr. AS: CH (SW). **EL:** India.

***Urolabida recurvata* (Maa, 1947)**

Urostylis recurvata Maa, 1947: 133, 143. HT: ♂, TA, Koshun [= Hengchun]; Taiwan Agricultural Research Institute, Taichung, TA? (not found).

Distr. AS: TA.

Ref.: Ren & C.S. Lin, 2003 (tax.).

***Urolabida scutellata* Ren, 1986**

Urolabida scutellata Ren, 1986a: 133, 136. HT: ♂, CH (SW), Yunnan, Longling; NKUM.

Distr. AS: CH (SW).

***Urolabida septemdentata* Maa, 1947**

Urolabida septemdentata Maa, 1947: 140, 143. HT: ♀, CH (SE), Fujian, Ta-Chu-Lan; coll. Maa (BPBM?).

Distr. AS: CH (SE).

***Urolabida sinensis* (Walker, 1867)**

Urostylis sinensis Walker, 1867a: 412. HT: CH (CE), Shanghai; BMNH.

Distr. AS: CH (CE) KO TA. **EL:** India?, Nepal?

Ref.: Distant, 1908a (descr.); Maa, 1947 (distr.); Ren & C.S. Lin, 2003 (tax.).

Note: Maa (1947) questioned the validity of the Indian and Nepalese records of Distant (1908a).

***Urolabida sinica* Ren & Liu, 1997**

Urolabida sinica Ren & Liu in Ren, 1997b: 60, 65. HT: ♀, CH (SW), Yunnan, Fengqing County to Simao County; NKUM.

Distr. AS: CH (SW).

***Urolabida spathulata* Ren, 1984**

Urolabida spathulata Ren, 1984b: 11, 14. HT: ♂, CH (SW), Yunnan, Ruili; IZAS.

Distr. AS: CH (SW).

***Urolabida spathulifera* Blöte, 1945**

Urolabida spathulifera Blöte, 1945: 310. HT: ♂, CH (SW), Yunnan, Yunnan Fou [= Kunming], San-nen Kai; RMNH.

Urolabida emarginata Maa, 1947: 137, 143 (syn. Hsiao et al., 1977: 186). HT: ♂, CH (SE), Fujian, Ta-Chu-Lan, Shaowu; coll. Maa (BPBM?).

Distr. AS: CH (SE SW).

***Urolabida subspatulata* Lin & Zhang, 1993**

Urolabida subspatulata Lin & Zhang, 1993a: 137. HT: ♂, CH (SE), Fujian, Jiangle, Mt Longqi; IZAS.

Distr. AS: CH (SE).

***Urolabida subtruncata* Maa, 1947**

Urolabida subtruncata Maa, 1947: 139, 143. HT: ♂, CH (SE), Fujian, Miao-Wan; coll. Maa (BPBM?).

Distr. AS: CH (SE).

***Urolabida suppressa* (Maa, 1947)**

Urostylis suppressa Maa, 1947: 135, 143. HT: ♂, TA, Koshun [= Hengchun]; Taiwan Agricultural Research Institute, Taichung, TA (not found).

Distr. AS: TA.

Ref.: Ren & C.S. Lin, 2003 (tax.).

***Urolabida tenera* Westwood, 1837**

Urolabida tenera Westwood, 1837: 45. ST(S): India, “India orientali”; OXUM.

Distr. AS: CH (SW). **EL:** India.

Ref.: Scudder, 1959 (♀ genitalia); Yang, 1938a (genitalia), 1938b (tax.).

Note: Yang (1938b: 223) indicated that this species actually has vestigial ocelli, thus precluding it from being a member of the genus *Urolabida*. The problem is that *U. tenera* is the type species for *Urolabida*. Yang indicated that *U. tenera* should be suppressed as type for *Urolabida*, that *U. histrionica* should be considered the type for this genus, and that *U. tenera* should be transferred to *Urostylis*. This has not been followed by anyone since his publication.

***Urolabida wufengana* Ren & Bu, 2003**

Urolabida wufengana Ren & Bu, 2003: 269, 270. HT: ♂, CH (NO), Hubei, Wufeng; NKUM.

Distr. AS: CH (NO).

***Urolabida zhamogana* Ren, 1988**

Urolabida zhamogana Ren, 1988c: 53, 55. HT: ♀, CH (WP), Xizang, Zhamog; NKUM.

Distr. AS: CH (WP).

Tribe UROSTYLIDINI Dallas, 1851

Genus *Chelurotropella* Ren, 2002

Yangicoris Ren, 1998: 1 (junior homonym of *Yangicoris* Cai, 1995, Reduviidae). Type species by original designation: *Urochela siamensis* Yang, 1938.

Chelurotropella Ren, 2002: 8. New name for *Yangicoris* Ren, 1998.

***Chelurotropella siamensis* (Yang, 1938)**

Urochela siamensis Yang, 1938c: 55. HT: ♂, Siam [= Thailand], Chiangmai; BMNH.

Urostylis longmenensis Z.Y. Chen, 1994: 323, 324 (syn. Ren, 1997b: 63). HT: ♂, CH (SE), Guangdong, Longmen County, Mt Nankun; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE SW). **EL:** Thailand.

Genus *Cobbenicoris* Ren, 1998

Cobbenicoris Ren, 1998: 4. Type species by original designation: *Cobbenicoris guangxiensis* Ren, 1998.

***Cobbenicoris guangxiensis* Ren, 1998**

Cobbenicoris guangxiensis Ren, 1998: 4. HT: ♂, CH (SE), Guangxi, Wuming Xian, Mt Daming; NKUM.

Distr. AS: CH (SE).

Genus *Tessaromerus* Kirkaldy, 1908

Tessaromerus Kirkaldy, 1908a: 452. Type species by monotypy: *Tessaromerus quadriarticulatus* Kirkaldy, 1908.

***Tessaromerus quadriarticulatus* Kirkaldy, 1908**

Tessaromerus quadriarticulatus Kirkaldy, 1908a: 452. STS: CH (SW), Yunnan; SEMC?

Tessaromerus maculatus Hsiao & Ching, 1977: 183, 302 (syn. Ren, 1997c: 291). HT: ♀, CH (NO), Gansu, Tianshui; TMNH.

Distr. AS: CH (CE NO SW).

Ref.: Ren, 1997c (tax.).

***Tessaromerus shaanxiensis* Z.M. Zheng, 1982**

Tessaromerus shaanxiensis Z.M. Zheng, 1982a: 304. HT: ♂, CH (NO), Shaanxi, Zhouzhi; Shaanxi Normal University, Xian, CH.

Distr. AS: CH (NO).

Note: Ren (personal communication) believes this to be a junior synonym of *Tessaromerus quadriarticulatus*.

***Tessaromerus tuberlosus* Hsiao & Ching, 1977**

Tessaromerus tuberlosus Hsiao & Ching, 1977: 182, 302. HT: ♀, CH (SW), Sichuan, Baoxing; TMNH.

Distr. AS: CH (SW).

Genus *Urochela* Dallas, 1850

Urochela Dallas, 1850: 2. Type species by original designation: *Urochela quadripunctata* Dallas, 1850, Bhutan, India.

Parurochela Reuter, 1881b: 83 (syn. Yang, 1939: 10). Type species by monotypy:

Parurochela quadrinotata Reuter, 1881.

Ref.: Ahmad et al., 1979 (key), 1992 (descr., key); Distant, 1902a (descr., key); Kerzhner, 1966b (key, tax.); Reuter, 1905a (note).

Subgenus *Chlorochela* Kerzhner, 1966

Chlorochela Kerzhner, 1966b: 47, 49 (as subgenus of *Urochela*). Type species by original designation: *Urostylis flavoannulata* Stål, 1854.

Urochela caudata (Yang, 1939)

Urostylis agna var. *caudatus* Yang, 1939: 51 (upgraded by Maa, 1947: 142). HT: ♂, CH (NO), Shanxi, Tsi-Li-Yu; TMNH.

Distr. AS: CH (NO SW).

Ref.: Kerzhner, 1966b (tax.).

Urochela flavoannulata (Stål, 1854)

Urostylis flavoannulata Stål, 1854a: 233. ST(S): ♀, RU (ES), Dauria [= Transbaikalia]; NHRS.

Urolabidina [sic] *sinensis* Reuter, 1888b: 63, 64 (syn. Yang, 1938b: 224). STS: ♂, ♀, CH (NO), Beijing; MNHN.

Distr. AS: CH (NE NO SW) KO MG RU (ES FE).

Ref.: Nonnaizab, 1988 (descr., fig.); Yang, 1938a (tax.).

Urochela licenti (Yang, 1939)

Tessaromerus licenti Yang, 1939: 53, 54. STS: ♂, ♀, CH (NO), Shanxi (Tsi-Li-Yu, Kiaochau, Hoyèping Chan and Ts'ien-Ou); TMNH.

Distr. AS: CH (NO SW).

Ref.: Kerzhner, 1966b (tax.).

Urochela lijiangensis Ren, 1997

Urochela lijiangensis Ren, 1997a: 8, 12. HT: ♀, CH (SW), Yunnan, Mt Yulong; NKUM.

Distr. AS: CH (SW).

Urochela pallescens (Jakovlev, 1890)

Urostylus [sic] *pallescens* Jakovlev, 1890: 545. LT (Kerzhner, 1964a: 363): ♂, CH (SW), Sichuan, Heiho [= Baishuijiang] River; ZMAS.

Urostylis agna China, 1925: 457 (syn. Kerzhner, 1964a: 363). HT: ♂, CH (SW), Yunnan, SE of Atuntze; BMNH.

Urostylis hummeli Lindberg, 1934a: 14 (syn. Kerzhner, 1964a: 363). LT (Kerzhner, 1964a: 363, as HT): ♂, CH (NO), Gansu, "Lu-pa-sze"; NHRS.

Distr. AS: CH (NO SW).

Ref.: Kerzhner, 1964a (tax.), 1966b (tax.).

Note: Kerzhner (1964a) indicated that the type series (2 ♂, 1 ♀) of *Urostylis hummeli* Lindberg consisted of specimens of three different species.

Urochela stigmatella (Yang, 1939)

Tessaromerus licenti var. *stigmatellus* Yang, 1939: 57 (upgraded by Maa, 1947: 142). HT: ♂, CH (NO), Shanxi, Koanyinmiao; TMNH.

Distr. AS: CH (NO).

Ref.: Kerzhner, 1966b (tax.).

Subgenus *Urochela* Dallas, 1850

***Urochela albosignata* Ren & Bu, 2003**

Urochela albosignata Ren & Bu, 2003: 268, 270. HT: ♂, CH (SW), Yunnan, Simao; NKUM.

Distr. AS: CH (SW).

***Urochela distincta* Distant, 1900**

Urochela distincta Distant, 1900b: 226. STS: CH (CE), Jiangxi, Kiukiang [= Jiujiang]; BMNH.

Distr. AS: CH (CE NO SE SW).

Ref.: Yang, 1936a (bionomics), 1938d (morph.).

***Urochela elongata* Blöte, 1945**

Urochela elongata Blöte, 1945: 313. HT: ♂, CH (SW), Yunnan; RMNH.

Distr. AS: CH (SW).

***Urochela emeia* Yang, 1980**

Urochela emeia Yang, 1980: 145, 151. HT: ♀, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (SW).

***Urochela falloui* Reuter, 1888**

Urochela falloui Reuter, 1888b: 63, 65. ST(S): ♀, CH (NO), Beijing; MNHN.

Urochela luteovaria (non Distant, 1881): Ho, 1933: 452. Misidentification (see Yang, 1938b: 224).

Distr. AS: CH (NO WP).

Ref.: Lindberg, 1934a (descr., distr.); Nonnaizab, 1988 (descr., fig.); Yang, 1933a, 1938b (genitalia).

***Urochela gansuensis* Ren, 1997**

Urochela gansuensis Ren, 1997a: 7, 11. HT: ♂, CH (NO), Gansu, Mt Maiji; NKUM.

Distr. AS: CH (NO).

***Urochela guttulata* Stål, 1876**

Urochela guttulata Stål, 1876: 115. ST(S): ♀, India, Darjeeling; NHRS.

Distr. AS: CH (SW). **EL:** Burma, India.

Ref.: Yang, 1938a (genitalia).

***Urochela hamata* Ren, 1986**

Urochela hamata Ren, 1986c: 139, 144. HT: ♂, CH (SW), Yunnan, Baoshan; NKUM.

Distr. AS: CH (SW).

***Urochela himalayaensis* Yang, 1938**

Urochela himalayaensis Yang, 1938c: 58. HT: ♀, Himalaya; BMNH.

Distr. AS: CH (SW). **EL:** Himalaya.

***Urochela intermedia* Yang, 1980**

Urochela intermedia Yang, 1980: 148, 152. HT: ♂, CH (NO), Gansu, Gaolan; IZAS.

Distr. AS: CH (NO).

***Urochela jingdongana* Ren, 2000**

Urochela jingdongana Ren, 2000a: 25, 29. HT: ♂, CH (SW), Yunnan, Jingdong; NKUM.

Distr. AS: CH (SW).

***Urochela lobata* Ren, 1986**

Urochela lobata Ren, 1986c: 140, 144. HT: ♂, CH (SW), Yunnan, Lijiang; NKUM.

Distr. AS: CH (SW).

***Urochela luteovaria* Distant, 1881**

Urochela luteovaria Distant, 1881a: 28. ST(S): JA, Tokei; BMNH.

Urochela neoluteovaria Yang, 1938c: 63 (syn. Maa, 1947: 121). HT: ♂, CH (SE), Fujian, Foochow [= Fuzhou], San Chiang; BMNH.

Urochela wui Yang, 1939: 11, 25 (syn. Maa, 1947: 121). STS: ♂, ♀, CH (CE), Jiangxi, Lushan; lost.

Distr. AS: CH (CE NO SE SW) JA KO.

Ref.: Ishihara, 1947 (bionomics); Kobayashi, 1965a (egg, larvae); Kumar, 1971 (genitalia); Maa, 1947 (descr., distr., fig.); Yang, 1938b (genitalia).

***Urochela medogensis* Ren, 1988**

Urochela medogensis Ren, 1988c: 54. HT: ♂, CH (WP), Xizang, Medog; NKUM.

Distr. AS: CH (WP).

***Urochela montana* Ren, 1984**

Urochela montana Ren, 1984b: 10, 13. HT: ♂, CH (SW), Yunnan, Lushui; IZAS.

Distr. AS: CH (SW).

***Urochela musivus* (Jakovlev, 1890)**

Urostylus [sic] *musivus* Jakovlev, 1890: 547. LT (Derzhansky et al., 2002: 362): ♀, CH (SW), Sichuan, Heiho [= Baishuijiang] River; ZMAS.

Distr. AS: CH (SW).

***Urochela notata* Ren, 1986**

Urochela notata Ren, 1986a: 135, 137. HT: ♂, CH (SW), Yunnan, Jinping; IZAS.

Distr. AS: CH (SW).

***Urochela nubila* Ren, 1985**

Urochela nubila Ren, 1985: 72, 76. HT: ♂, CH (SW), Yunnan, Ruili; NKUM.

Distr. AS: CH (SW).

***Urochela paraobscura* Zhang & Xue, 1993**

Urochela obscura Zhang & Xue, 1988b: 71, 74 (junior primary homonym of *Urochela obscura* Dallas, 1851). HT: ♂, CH (WP), Xizang, Gyirong; Jiangxi Agricultural University, Nanchang, CH.

Urochela paraobscura Zhang & Xue, 1993: 201. New name for *obscura* Zhang & Xue, 1988.

Distr. AS: CH (WP).

***Urochela parvinotata* Yang, 1980**

Urochela parvinotata Yang, 1980: 146, 151. HT: ♂, CH (SW), Yunnan, Dali, Xicang Mts; IZAS.

Distr. AS: CH (SW).

***Urochela picta* Ren, 1985**

Urochela picta Ren, 1985: 72, 76. HT: ♂, CH (SW), Yunnan, Ruili; NKUM.

Distr. AS: CH (SW).

***Urochela punctata* Hsiao & Ching, 1977**

Urochela punctata Hsiao & Ching, 1977: 190, 303. HT: ♂, CH (SW), Yunnan, Xishuangbanna; NKUM.

Distr. AS: CH (SW).

***Urochela quadrinotata* (Reuter, 1881)**

Parurochela quadrinotata Reuter, 1881b: 83. STS: ♂, ♀, RU (FE), Amuria; NHRS.

Urochela jozankeana Matsumura, 1913: 124 (syn. Yang, 1939: 18). STS: JA, Hokkaido, Sapporo; EIHU.

Urochela scutellata Yang, 1938e: 229 (syn. Yang, 1939: 18). HT: ♂, CH (NO), Shaanxi, Chungnanshan; lost.

Distr. AS: CH (NE NO) JA KO RU (ES FE).

Ref.: C.A. Li, 1990 (biol.); Muramoto, 1982 (chrom.); Ren, 1992c (egg); Yang, 1933a.

***Urochela rubra* Yang, 1938**

Urochela rubra Yang, 1938e: 232. STS: ♂, ♀, CH (WP), Xizang; MNHN.

Distr. AS: CH (SE SW WP).

Note: Yang (1938e) designated as “Types” a male and a female, but did not designate a single specimen as HT.

***Urochela rufiventris* Hsiao & Ching, 1977**

Urochela rufiventris Hsiao & Ching, 1977: 190, 303. HT: ♀, CH (NO), Shaanxi, Nanwutai; NKUM.

Distr. AS: CH (NO).

Ref.: Yang, 1980 (tax.).

***Urochela sichuanensis* Yang, 1980**

Urochela sichuanensis Yang, 1980: 149, 152. HT: ♂, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (SW).

***Urochela sordida* J.J. Li, 1981**

Urochela sordida J.J. Li, 1981b: 320. HT: ♂, CH (SW), Sichuan, Kangding; Biological Institute of North-western Plateau, Academia Sinica, Xining, Qinghai, CH.

Distr. AS: CH (SW).

***Urochela strandi* Esaki, 1936**

Urochela strandi Esaki, 1936: 492. HT: ♂, TA, Taiheizan District, Taihoku-shû, Tamonkei; KUEC.

Distr. AS: CH (SE) TA.

Ref.: Maa, 1947 (descr., distr., fig.).

***Urochela tunglingensis* Yang, 1939**

Urochela tunglingensis Yang, 1939: 10, 14. STS: ♂, ♀, CH (NO), Hebei (Tungling) and Shaanxi (Kiaochantun); lost.

Distr. AS: CH (NE NO SW WP) KO.

***Urochela verrucosa* Ren, 1997**

Urochela verrucosa Ren, 1997a: 6, 10. HT: ♂, CH (SE), Guangxi, Mt Maoer; NKUM.

Distr. AS: CH (SE).

***Urochela yunnanana* Ren, 1984**

Urochela yunnanana Ren, 1984b: 9, 13. HT: ♂, CH (SW), Yunnan, Lushui; IZAS.

Distr. AS: CH (SW).

Genus *Urochelellus* Yang, 1937

Urochelellus Yang, 1937: 159. Type species by original designation: *Urochelellus acutihumeralis* Yang, 1937.

***Urochelellus acutihumeralis* Yang, 1937**

Urochelellus acutihumeralis Yang, 1937: 160. HT: ♀, Vietnam, Chapa; BMNH.

Distr. AS: CH (SE SW). **EL:** Vietnam.

Genus *Urostylis* Westwood, 1837

Urostylis Westwood, 1837: 45. Type species by subsequent designation (Distant, 1902a: 306): *Urostylis punctigera* Westwood, 1837, India and Nepal.

Ref.: Ahmad et al., 1979 (key), 1992 (descr., key); Distant, 1902a (descr., key); Kerzhner, 1966b (key, tax.); Kobayashi, 1965a (egg, larvae); Nonnaizab, 1988 (key); Reuter, 1905a (note).

***Urostylis acuminata* Ren, 1986**

Urostylis acuminatus Ren, 1986c: 141, 145. HT: ♀, CH (SW), Yunnan, Ailaoshan; NKUM.

Distr. AS: CH (SW).

***Urostylis annulicornis* Scott, 1874**

Urostylis annulicornis Scott, 1874: 361. STS: ♂, ♀, JA; BMNH.

Urostylis virescens Reuter in Autran & Reuter, 1888: 199, 200 (syn. Kerzhner, 1964a: 363). HT: ♂, RU (FE), Chabarofka [= Khabarovsk]; MZHF.

Urostylis geniculatus Jakovlev, 1889a: 74 (syn. Kerzhner, 1964a: 363). HT: ♀, RU (FE), Amur; ZMAS.

Urostylis adiai Nonnaizab, 1984: 342, 344 (syn. Ren, 1997c: 294). HT: ♂, CH (NO), Inner Mongolia, Gu-yang, Bao-tu; IMTU.

Distr. AS: CH (NE NO) JA KO RU (FE).

Ref.: Esaki, 1932; Kerzhner, 1964a (tax.); Muramoto, 1982 (chrom.); Ren, 1997c (distr., tax.).

***Urostylis blattiformis* Bergroth, 1916**

Urostylis blattiformis Bergroth, 1916: 224. HT: ♂, CH (SE), Fujian, Foo-chow [= Fuzhou]; USNM.

Distr. AS: CH (SE) TA.

Ref.: Maa, 1947 (distr., fig.).

***Urostylis chinai* Maa, 1947**

Urostylis chinai Maa, 1947: 130, 143. HT: ♂, CH (SE), Fujian, Ta-Chu-Lan; coll. Maa (BPBM?).

Distr. AS: CH (SE) TA.

***Urostylis cletoformis* Ren, 1985**

Urostylis cletoformis Ren, 1985: 74, 78. HT: ♂, CH (SW), Yunnan, Mengla; TMNH.

Distr. AS: CH (SW).

***Urostylis connectens* Hsiao & Ching, 1977**

Urostylis connectens Hsiao & Ching, 1977: 194, 303. HT: ♀, CH (CE), Hunan; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (CE SE).

***Urostylis denticollis* Ren, 1986**

Urostylis denticollis Ren, 1986c: 141, 145. HT: ♂, CH (SW), Yunnan, Lijiang, Yulonxueshan; NKUM.

Distr. AS: CH (SW).

***Urostylis fici* Ren, 1986**

Urostylis fici Ren, 1986b: 148, 153. HT: ♀, CH (SE), Guangxi, Ninming-Longrui Natural Reserve; NKUM.

Distr. AS: CH (SE).

***Urostylis forcipatis* Ren, 1984**

Urostylis forcipatis Ren, 1984c: 417, 420. HT: ♂, CH (SW), Yunnan, Mengla; NKUM.

Distr. AS: CH (SW).

***Urostylis furca* (Lin, 1993)**

Urochela furca Lin, 1993: 236, 238. HT: ♂, CH (SE), Guangxi, Mt Maoer; IZAS.

Distr. AS: CH (SE)

Ref.: Ren, 1997b (descr., fig.)

***Urostylis furcatis* Ren, 1984**

Urostylis furcatis Ren, 1984c: 419, 421. HT: ♂, CH (SW), Yunnan; NKUM.

Distr. AS: CH (SW).

***Urostylis furcifer* Blöte, 1945**

Urostylis furcifer Blöte, 1945: 311. HT: ♂, CH (SW), Yunnan, Yunnan Fou [= Kunming], San-nen Kai; RMNH.

Distr. AS: CH (SW).

***Urostylis genevae* Maa, 1947**

Urostylis genevae Maa, 1947: 126, 142. HT: ♂, CH (SE), Fujian, Ta-Chu-Lan, Shaowu; coll. Maa (BPBM?).

Distr. AS: CH (SE).

***Urostylis gladiatis* Ren, 1984**

Urostylis gladiatis Ren, 1984c: 418, 421. HT: ♂, CH (SW), Yunnan, Kunming; NKUM.

Distr. AS: CH (SW).

***Urostylis hubeiensis* Ren, 1997**

Urostylis hubeiensis Ren, 1997b: 58, 64. HT: ♂, CH (CE), Hubei, Shennongjia County; NKUM.

Distr. AS: CH (CE).

***Urostylis immaculata* Yang, 1938**

Urostylis immaculatus Yang, 1938c: 77. HT: ♂, India, “Darjil” [= Darjeeling]; BMNH.

Distr. AS: CH (SW). **EL:** India.

***Urostylis insignis* Hsiao & Ching, 1977**

Urostylis insignis Hsiao & Ching, 1977: 195, 303. HT: ♂, CH (SW), Yunnan, Xishuangbanna; TMNH.

Distr. AS: CH (SW).

***Urostylis jinxiuensis* Ren, 2004**

Urostylis jinxiuensis Ren, 2004: 163, 164. HT: ♂, CH (SE), Guangxi, Jinxiu County; IZAS.

Distr. AS: CH (SE).

***Urostylis lateralis* Walker, 1867**

Urostylis lateralis Walker, 1867a: 412. STS: CH (north); BMNH.

Distr. AS: CH (NO) KO RU (FE).

***Urostylis limbata* Hsiao & Ching, 1977**

Urostylis limbatus Hsiao & Ching, 1977: 193, 303. HT: ♂, CH (SE), Guangdong, Lian County; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (CE SE).

***Urostylis linguiformis* Ren, 1984**

Urostylis linguiformis Ren, 1984c: 417, 420. HT: ♂, CH (SW), Yunnan, Tonghai; NKUM.

Distr. AS: CH (SW) RU (FE).

Ref.: Kerzhner, 1988 (fig.).

***Urostylis maoershanensis* Ren, 1997**

Urostylis maoershanensis Ren, 1997b: 58, 64. HT: ♂, CH (SE), Guangxi, Xingan County, Mt Maoer; NKUM.

Distr. AS: CH (SE).

***Urostylis minuta* Ren, 1986**

Urostylis minutus Ren, 1986b: 148, 152. HT: ♀, CH (SE), Guangxi, Ninming-Longrui Natural Reserve; NKUM.

Distr. AS: CH (SE).

***Urostylis montana* Ren, 1984**

Urostylis montanus Ren, 1984b: 12, 14. HT: ♂, CH (SW), Yunnan, Lushui; IZAS.

Distr. AS: CH (SW).

***Urostylis obscura* Xue & Zhang, 1992**

Urostylis obscurus Xue & Zhang in Zhang & Xue, 1992: 264, 265. HT: ♂, CH (CE), Hunan, Shangzhi; IZAS.

Distr. AS: CH (CE).

***Urostylis paratrifida* Ren & C.S. Lin, 2003**

Urostylis paratrifidus Ren & C.S. Lin, 2003: 139. HT: ♂, TA, Nantou; National Museum of Natural Science, Taipei, TA.

Distr. AS: TA.

***Urostylis qinlingensis* Z.M. Zheng, 1982**

Urostylis qinlingensis Z.M. Zheng, 1982a: 303, 305. HT: ♂, CH (NO), Shaanxi, Linshan; Shaanxi Normal University, Xian, CH.

Distr. AS: CH (CE NO).

Note: Ren (personal communication) believes this may be a junior synonym of *Tessaromerus quadriarticulatus*.

***Urostylis ruficornis* Ren, 1984**

Urostylis ruficornis Ren, 1984c: 416, 420. HT: ♂, CH (SW), Yunnan, Ruili; NKUM.

Distr. AS: CH (SW).

***Urostylis rugosa* Blöte, 1945**

Urostylis rugosa Blöte, 1945: 312. HT: ♂, CH (SW), Yunnan, Yunnan Fou [= Kunming], San-nen Kai; RMNH.

Distr. AS: CH (SW).

***Urostylis similinsignis* Ren, 2000**

Urostylis similinsignis Ren, 2000a: 27, 30. HT: ♂, CH (SW), Yunnan, Jingdong, Xujiaba, Mt Ailao; NKUM.

Distr. AS: CH (SW).

***Urostylis smaragdina* Ren, 1985**

Urostylis smaragdinus Ren, 1985: 73, 77. HT: ♂, CH (SW), Yunnan, Mt Ailao; NKUM.

Distr. AS: CH (SW).

Ref.: Zhang, 1995 (note on identification).

***Urostylis spectabilis* Distant, 1902**

Urostylis spectabilis Distant, 1902a: 308. ST(S): India, Naga Hills; BMNH.

Distr. AS: CH (SW WP). **EL:** India.

***Urostylis stipulata* Ren, 1985**

Urostylis stipulatus Ren, 1985: 73, 77. HT: ♂, CH (SW), Yunnan, Mengla; NKUM.

Distr. AS: CH (SW).

***Urostylis striicornis* Scott, 1874**

Urostylis striicornis Scott, 1874: 360. STS: ♂, JA; BMNH.

Distr. AS: CH (CE NO SW) JA KO RU (FE).

Ref.: Kerzhner, 1966b (fig.); Kobayashi, 1953, 1965a (egg, larvae); Kumar, 1971 (genitalia); Nishiyama et al., 1995 (parasite); Y. Yamada, 1915 (devel.); Yang, 1938a (genitalia).

***Urostylis taiwanensis* Ren & C.S. Lin, 2003**

Urostylis taiwanensis Ren & C.S. Lin, 2003a: 139. HT: ♂, TA, Nantou; National Museum of Natural Science, Taipei, TA.

Distr. AS: TA.

***Urostylis tricarinata* Maa, 1947**

Urostylis tricarinata Maa, 1947: 124, 142. HT: ♂, CH (SE), Fujian, Tehwa City; coll. Maa (BPBM?).

Distr. AS: CH (CE SE SW).

***Urostylis trifida* Ren, 1986**

Urostylis trifidus Ren, 1986c: 142, 146. HT: ♂, CH (SW), Yunnan, Longling; NKUM.

Distr. AS: CH (SW).

***Urostylis triramalis* Ren & C.S. Lin, 2003**

Urostylis triramalis Ren & C.S. Lin, 2003: 139, 141. HT: ♂, TA, Kohsiung; National Museum of Natural Science, Taipei, TA.

Distr. AS: TA.

***Urostylis trullata* Kerzhner, 1966**

Urostylis trullata Kerzhner, 1966b: 46, 50. HT: ♂, RU (FE), Primorsk Terr., Chernigovka; ZMAS.

Distr. AS: CH (NO) KO RU (FE).

***Urostylis venulosa* Hsiao & Ching, 1977**

Urostylis venulosus Hsiao & Ching, 1977: 195, 304. HT: ♀, CH (SE), Guangxi, Longsheng; NKUM.

Distr. AS: CH (SE).

***Urostylis verticalis* Maa, 1947**

Urostylis verticalis Maa, 1947: 133, 143. HT: ♂, CH (SE), Fujian, San-Chiang, Chungang Hsien; coll. Maa (BPBM?).

Distr. AS: CH (SE).

***Urostylis westwoodii* Scott, 1874**

Urostylis westwoodii Scott, 1874: 362. STS: ♂, ♀, JA; BMNH.

Urostylis atrostigma Maa, 1947: 133, 143 (syn. Hsiao et al., 1977: 195). HT: ♀, CH (CE), Zhejiang, Huchow; IZAS.

Distr. AS: CH (CE NO SW) JA KO.

Ref.: Ishihara, 1947 (bionomics); Kobayashi, 1959a (bionomics), 1965 (egg, larvae); Ren, 1992c (egg); Y. Yamada, 1914 (egg).

***Urostylis xingshanensis* Ren, 1997**

Urostylis xingshanensis Ren, 1997c: 298, 299. HT: ♂, CH (CE), Hubei, Xingshan County, Longmenhe; IZAS.

Distr. AS: CH (CE).

***Urostylis xizangensis* Zhang & Xue, 1988**

Urostylis xizangensis Zhang & Xue, 1988b: 72, 74. HT: ♂, CH (WP), Xizang, Gyirong; Jiangxi Agricultural University, Nanchang, CH.

Distr. AS: CH (WP).

***Urostylis yangi* Maa, 1947**

Urostylis yangi Maa, 1947: 132, 143. HT: ♂, CH (CE), Jiangxi, Kuling; lost?

Distr. AS: CH (CE SE SW).

Ref.: Hou & Yang, 1998, 1999 (control); Ren, 1992c (egg); Yuan et al., 1984 (control); Zhao & Shu, 1989 (control, distr.).

***Urostylis zhengi* Ren, 1997**

Urostylis zhengi Ren, 1997a: 8, 12. HT: ♂, CH (SW), Yunnan, Pinbian, Mt Dawie; NKUM.

Distr. AS: CH (SW).

Subfamily SAILERIOLINAE China & Slater, 1956

SAILERIOLINAE China & Slater, 1956: 412. Type genus: *Saileriola* China & Slater, 1956, SE Asia.

Genus *Bannacoris* Hsiao, 1964

Bannacoris Hsiao, 1964e: 283, 289. Type species by original designation: *Bannacoris arboreus* Hsiao, 1964.

***Bannacoris arboreus* Hsiao, 1964**

Bannacoris arboreus Hsiao, 1964e: 284, 290. HT: ♂, CH (SW), Yunnan, Pingbian; IZAS.

Distr. AS: CH (SE SW).

Family THAUMASTELLIDAE Seidenstücker, 1960

J.A. Lis

The Thaumastellidae is a small family, which contains only one genus with three species, *Thaumastella aradoides* Horváth from North Africa and the Middle East, and *T. namaquensis* Schaefer & Wilcox and *T. elizabethae* Jacobs from South Africa. Originally, it was placed in Lygaeidae, then transferred to the superfamily Pentatomoidea; at present it is treated either as a separate family or as a subfamily of Cydnidae. Species of the family live under stones in cavities; they feed on fallen seeds.

World catalogue (outdated): Slater, 1964. Biology: Jacobs, 1989; Schaefer & Wilcox, 1971.

Family THAUMASTELLIDAE Seidenstücker, 1960

THAUMASTELLIDAE Seidenstücker, 1960b: 1 (Thaumastellinae; upgraded by Štys, 1964b: 251). Type genus: *Thaumastella* Horváth, 1896.

Genus *Thaumastella* Horváth, 1896

Thaumastella Horváth, 1896a: 325. Type species by monotypy: *Thaumastella aradoides* Horváth, 1896.

Ref.: Jacobs, 1989 (syst. pos.).

Thaumastella aradoides Horváth, 1896

Thaumastella aradoides Horváth, 1896a: 325. HT: ♀, AG, Biskra; HNHM.

Distr. NA: AG. **AS:** IN IQ YE. **EL:** tropical Africa (Sudan).

Ref.: Seidenstücker, 1960b, 1964a (morph., syst. pos.); Štys, 1964b (morph., syst. pos.).

Family PARASTRACHIIDAE Oshanin, 1922

J.A. Lis

The family includes only one Asian genus with two phytophagous species. The genus was originally placed in the pentatomid subfamily Asopinae, then in the cydnid subfamily Sehirinae, and recently treated as either a subfamily of Cydnidae (Schaefer et al., 1988: 307) or a separate family (Sweet & Schaefer, 2002: 441). The biology and life cycle were described by Tachikawa & Schaefer (1985).

World review: Schaefer et al., 1991. Morphology and systematic position within the Pentatomoidea: Schaefer et al., 1988; Sweet & Schaefer, 2002.

Family PARASTRACHIIDAE Oshanin, 1922

PARASTRACHIIDAE Oshanin, 1922a: 145 (Parastrachiaria). Type genus: *Parastrachia* Distant, 1883.

Genus *Parastrachia* Distant, 1883

Parastrachia Distant, 1883: 424. Type species by monotypy: *Parastrachia fulgens* Distant, 1883 (= *Asopus japonensis* Scott, 1880).

Parastrachia japonensis (Scott, 1880)

Asopus japonensis Scott, 1880: 308. ST(S): ♀, JA; BMNH.

Parastrachia fulgens Distant, 1883: 425 (syn. Horváth, 1899c: 374). STS: ♂, ♀, JA, Yokohama, Konosé; BMNH.

Distr. AS: CH (CE NO SE SW) JA KO.

Ref.: Schaefer et al., 1991 (host, morph., phyl.); Tachikawa & Schaefer, 1985 (biol., life-cycle); Tsukamoto et al., 1994 (mating behaviour), 1995a (parental care), 1995b (habitat selection); Tsukamoto & Tojo, 1992 (biol.).

Parastrachia nagaensis Distant, 1908

Parastrachia nagaensis Distant, 1908b: 443. STS: ♂, ♀, India, Assam and Naga Hills; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region (Burma, India).

Ref.: Schaefer et al., 1991 (host, morph., phyl.).

Family CYDNIDAE Billberg, 1820 – burrowing bugs (burrower bugs)

J.A. Lis

The family includes 89 genera and about 680 species distributed worldwide, but the majority of them is known from warm and tropical parts of the Old World. Most cydnids, as suggested by the common name, are very well adapted for digging in the ground. Nearly all species are plant-feeders (among them root-feeders), some are not fossorial and are suggested to be seed-feeders or mycetophagous. Adults of several species show varying degrees of maternal care of eggs and early instars. Cydnidae have generally been considered of little economic importance, but up to date almost 30 species have been reported as pests, mainly in the Neotropics and Oriental Region. The economic importance and biology of some species of Cydnidae was summarized by J.A. Lis et al. (2000). The classification of the family follows Froeschner (1960) and J.A. Lis (1994a).

World revision: Signoret, 1881-1884 (outdated). Old World catalogue: J.A. Lis, 1999a. Monographs and revisions: Froeschner, 1960 (New World); Linnavuori, 1993a (West, Central and North-East Africa); J.A. Lis, 1994a (Oriental Region), 1996a (Australian Region). Morphology and classification: Wagner, 1963a (genitalia); J.A. Lis & Hohol-Kilinkiewicz, 2001a, 2001b, 2002a, 2002b (abdominal trichobothria), 2002c (dorso-abdominal scent glands); J.A. Lis & Heyna, 2001a (metathoracic wing venation), 2001b (metathoracic wing stridulitrum); J.A. Lis, 2002 (mesothoracic wing); J.A. Lis & Pluot-Sigwalt, 2002 (cephalic chaetotaxy).

Family CYDNIDAE Billberg, 1820

CYDNIDAE Billberg, 1820: 70 (Cydnides). Type genus: *Cydnus* Fabricius, 1803.

Subfamily AMNESTINAE Hart, 1919

AMNESTINAE Hart, 1919: 204 (Amnestini; upgraded by Froeschner, 1960: 628). Type genus: *Amnestus* Dallas, 1851.

PRICECORINAE Pinto & Ornellas, 1974: 296 (Pricecoridae; syn. Popov & Pinto, 2000: 300). Type genus: *Pricecoris* Pinto & Ornellas, 1974, Mesozoic of Brazil.

LATISCUTELLINAE Pinto & Ornellas, 1974: 298 (Latiscutellidae; syn. Popov & Pinto, 2000: 300). Type genus: *Latiscutella* Pinto & Ornellas, 1974, Mesozoic of Brazil.

CLAVICORINAE Popov, 1986: 72 (syn. Popov & Pinto, 2000: 300). Type genus: *Clavicornis* Popov, 1986, Mesozoic of Mongolia.

Genus *Amnestus* Dallas, 1851

Amnestus Dallas, 1851a: 126. Type species by monotypy: *Cydnus spinifrons* Say, 1825, New World.

Amnestus raunoi J.A. Lis, 1998

Amnestus raunoi J.A. Lis, 1998: 5. HT: ♂, IN, Gilan, Sume'eh Sara; NMWC

Distr. AS: IN.

Subfamily GARSAURIINAE Froeschner, 1960

GARSAURIINAE Froeschner, 1960: 364. Type genus: *Garsauria* Walker, 1868.

Genus *Garsauria* Walker, 1868

Garsauria Walker, 1868: 536. Type species by monotypy: *Garsauria aradooides* Walker, 1868, Oriental and Australian Regions.

Microrhynchus Signoret, 1882a: 73 (junior homonym of *Microrhynchus* Jourdan, 1834, Mammalia). Type species by monotypy: *Microrhynchus beccarii* Signoret, 1882 (= *Garsauria aradooides* Walker, 1868), Oriental and Australian Regions.
Microrrhampus Bergroth, 1891: 214 (syn. Distant, 1899a: 224). New name for *Microrhynchus* Signoret, 1882.
Brachyrhampus Haglund, 1894: 400 (syn. Schouteden, 1905a: 51). Type species by monotypy: *Microrhynchus sjostedti* Haglund, 1894, tropical Africa.

***Garsauria laosana* J.A. Lis, 1991**

Garsauria laosana J.A. Lis, 1991a: 166. HT: ♀, Laos; UOCP.

Distr. AS: CH (SE SW) JA (Ryukyus). **EL:** Laos, Vietnam.

Note: All previous records of *Garsauria aradooides* Walker from the Palaearctic Region concern *G. laosana*.

Genus *Nishadana* Distant, 1899

Drupadia Distant, 1899a: 223 (junior homonym of *Drupadia* Moore, 1884, Lepidoptera). Type species by use of “typica”: *Drupadia typica* Distant, 1899, Oriental Region.
Nishadana Distant, 1899b: 442. New name for *Drupadia* Distant, 1899.
Tsadocydnus Wagner, 1961: 297 (syn. Linnavuori, 1993a: 123). Type species by original designation: *Tsadocydnus franzi* Wagner, 1961 (= *Nishadana arabica* Horváth, 1919).

***Nishadana arabica* Horváth, 1919**

Nishadana arabica Horváth, 1919: 265. STS: YE, Aden; HNHM.

Nishadana gentilis Horváth, 1919: 266 (syn. Linnavuori, 1993a: 123). LT (Linnavuori, 1993: 123, as HT): ♀, Senegal; HNHM.

Tsadocydnus franzi Wagner, 1961: 298 (syn. Linnavuori, 1993a: 123). HT (see Aukema & Kerzhner, 2005: 69): ♂, Chad, Lai district, Tschimba nr Deressia; ZMUH.

Distr. AS: IN YE. **EL:** tropical Africa.

Genus *Peltoxys* Signoret, 1880

Peltoxys Signoret, 1880a: 45. Type species by monotypy: *Peltoxys pubescens* Signoret, 1880 (= *Cimex brevipennis* Fabricius, 1798).

Heurnius Distant, 1901d: 105 (syn. J.A. Lis, 1991b: 20). Type species by original designation: *Heurnius typicus* Distant, 1901.

Ref.: J.A. Lis, 1991b (rev.).

***Peltoxys brevipennis* (Fabricius, 1798)**

Cimex brevipennis Fabricius, 1798: 536. LT (J.A. Lis, 1994a: 117): ♂, India, “Tranquebaria” [= area around Madras]; ZMUC.

Peltoxys pubescens Signoret, 1880a: 45 (syn. Signoret, 1880b: cxxxvi). LT (J.A. Lis, 1991b: 21): ♂, Vietnam, Saigon [= Ho Chi Minh]; NHMW.

Heurnius erebus Distant, 1901d: 106 (syn. J.A. Lis, 1991b: 21). LT (J.A. Lis, 1991b: 22): ♂, Burma, Rangoon; MCSN.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Peltoxys typicus* (Distant, 1901)**

Heurnius typicus Distant, 1901d: 106. LT (J.A. Lis, 1991b: 24): ♂, Burma, Carin [= Karen State], Asciiui Ghecú; MCSN.

Peltoxys blissiformis Hsiao in Hsiao et al., 1977: 46, 296 (syn. J.A. Lis, 1991b: 22). HT: ♂, CH (SW), Yunnan, Jing-dong County, Dong-jia-fen; IZAS.

Distr. AS: CH (SW). **EL:** Burma, India, Vietnam.

Subfamily CEPHALOCTEINAE Mulsant & Rey, 1866

CEPHALOCTEINAE Mulsant & Rey, 1866: 7 (Céphaloc téaires). Type genus:

Cephalocteus Dufour, 1834.

Ref.: J.A. Lis, 1999b (key, tax.).

Tribe CEPHALOCTEINI Mulsant & Rey, 1866

Genus *Cephalocteus* Dufour, 1834

Cephalocteus Dufour, 1834: 342. Type species by monotypy: *Cephalocteus histeroides* Dufour, 1834 (= *Cydus scarabaeoides* Fabricius, 1803).

Cephaloctenus Schiødte, 1843b : 330. Unjustified emendation.

Cephalocteis Agassiz, 1846: 71. Unjustified emendation.

Amblyottus Amyot & Serville, 1843: 92 (syn. J.A. Lis, 1999a: 170). Type species by monotypy: *Amblyottus dufouri* Amyot & Serville, 1843 (= *Cydus scarabaeoides* Fabricius, 1803).

***Cephalocteus punctipennis* Stål, 1876**

Cephalocteus punctipennis Stål, 1876: 21. ST(S): ♀, South Africa, “Terra capensis”; NHRS.

Distr. NA: MO? **EL:** Ethiopia?, Namibia, South Africa.

***Cephalocteus scarabaeoides* (Fabricius, 1803)**

Cydus scarabaeoides Fabricius, 1803: 186. ST(S): MO, Tanger; ZMUC (1 ST).

Cephalocteus histeroides Dufour, 1834: 347 (syn. Rambur, 1839: 108). HT: ♂, SP, Cadiz; MNHN.

Amblyottus dufouri Amyot & Serville, 1843: 92 (syn. J.A. Lis, 1999a: 170). STS: FR, Marseille; lost.

Distr. EU: FR PO SP. **NA:** AG MO TU. **AS:** IS SY.

Note: Records from HU, LT, RU and UK are erroneous.

Tribe SCAPTOCORINI Froeschner, 1960

SCAPTOCORINI Froeschner, 1960: 365 (Scaptocorinae; downgraded by J.A. Lis, 1999a: 170). Type genus: *Scaptocoris* Perty, 1833, New World.

Genus *Schioldtella* Signoret, 1882

Schioldtella Signoret, 1882b: 218 (syn. J.A. Lis, 1994a: 24, with *Stibaropus* Dallas; restored by J.A. Lis, 1999b: 128). Type species by subsequent designation (J.A. Lis, 1994a: 25): *Stibaropus tabulatus* Schiødte, 1848, Oriental Region.

Neostibaropus Takano & Yanagihara, 1939: 135 (syn. Esaki & Ishihara, 1951: 30, with *Stibaropus*; J.A. Lis, 1991a: 169). Type species by monotypy: *Neostibaropus formosanus* Takano & Yanagihara, 1939.

***Schioldtella formosana* (Takano & Yanagihara, 1939)**

Neostibaropus formosanus Takano & Yanagihara, 1939: 135. ST(S): TA.

Stibaropus saitoi: Esaki & Ishihara, 1951: 44, plate 6. Lapsus calami for *S. formosanus*

Distr. AS: CH (CE NE NO) JA TA.

Note: Records from RU pertained to *S. secunda* (J.A. Lis, 1999b).

***Schioldtella secunda* J.A. Lis, 1991**

Schioldtella secunda J.A. Lis, 1991c: 27. HT: ♂, CH (NO), Shandong, Tshifu [= Yantai] Distr., Zhehe; ZMAS.

Distr. AS: CH (NO) RU (FE).

***Schiodtella struempeli* (J.A. Lis, 1994)**

Stibaropus (*Schiodtella*) *struempeli* J.A. Lis, 1994a: 28. HT: ♂, CH (SE), Fujian; ZMUH.

Distr. AS: CH (SE).

Genus *Stibaropus* Dallas, 1851

Stibaropus Dallas, 1851a: 111, 125. Type species by monotypy: *Stibaropus brunneus*

Dallas, 1851 (= *Scaptocoris molginus* Schiødte, 1848), Oriental Region.

Pachynemis Jakovlev, 1874a: 54 (syn. Signoret, 1881b: 43). Type species by monotypy:

Pachynemis henkei Jakovlev, 1874.

***Stibaropus henkei* (Jakovlev, 1874)**

Pachynemis henkei Jakovlev, 1874a: 56. STS: RU (ST), Astrakhan' Prov., Baskunchak Lake; lost (see Derzhansky et al., 2002: 362).

Distr. EU: BU EK HU RO RU (ST) UK. **AS:** AB AK AR KI TD TM UZ.

Ref.: Halászfy, 1958 (larva); Jakovlev, 1908b (biol.); Putshkova, 1959 (egg).

***Stibaropus hohlbecki* Kiritshenko, 1912**

Stibaropus hohlbecki Kiritshenko, 1912a: 377. LT (Derzhansky et al., 2002: 362): ♂, TM, Farab; ZMAS.

Distr. AS: AK KI TD TM UZ.

***Stibaropus laevicollis* Montandon, 1897**

Stibaropus laevicollis Montandon, 1897a: 97. ST(S): TU, Sfax; MGAB.

Distr. NA: TU.

***Stibaropus pseudominor* J.A. Lis, 1991**

Stibaropus pseudominor J.A. Lis, 1991a: 168. HT: ♂, Malaysia, Malacca [= Melaka]; ZMHB.

Distr. AS: CH (SE). **EL:** Oriental Region.

Subfamily CYDNINAE Billberg, 1820

Tribe CYDNINI Billberg, 1820

Genus *Chilocoris* Mayr, 1864

Chilocoris Mayr, 1864: 907. Type species by monotypy: *Chilocoris nitidus* Mayr, 1864.

Macroporus Uhler, 1876: 278 (syn. J.A. Lis, 1994a: 52). Type species by monotypy:

Macroporus repetitus Uhler, 1876, N America.

Amnestoides Signoret, 1880c: 10 (syn. Signoret, 1884a: 517). Type species by monotypy:

Amnestoides ritzemae Signoret, 1880, Indonesia.

Statanus Distant, 1908a: 430 (syn. J.A. Lis, 1991a: 172). Type species by original

designation: *Statanus membranaceus* Distant, 1908 (= *Chilocoris assmuthi* Breddin, 1904), Oriental Region.

Chilocoristoides Distant, 1913a: 140 (syn. Horváth, 1919: 254). Type species by original designation: *Chilocoristoides felicitatis* Distant, 1913, Seychelles.

***Chilocoris alienus* Horváth, 1919**

Chilocoris alienus Horváth, 1919: 255. LT (J.A. Lis, 1997a: 3): ♂, RU (FE), Vladivostok; HNHM.

Distr. AS: RU (FE).

***Chilocoris confusus* Horváth, 1919**

Chilioris [sic!] *confusus* Horváth, 1919: 261. LT (J.A. Lis, 1997a: 3): ♀, JA, Kanagawa; HNHM.

Distr. AS: JA KO.

***Chilocoris longicephalus* J.A. Lis, 1994**

Chilocoris (*Chilocoris*) *longicephalus* J.A. Lis, 1994a: 67. HT: ♂, CH (SW), Sichuan, Ta-tsien-lu [= Kangding]; ZMAS.

Distr. AS: CH (SW).

***Chilocoris minor* Hsiao, 1977**

Chilocoris minor Hsiao, 1977b: 45, 296. HT: ♂, CH (SW), Yunnan, Kunming; IZAS.

Distr. AS: CH (SW). **EL:** India (northeast).

***Chilocoris nigricans* Josifov & Kerzhner, 1978**

Chilocoris nigricans Josifov & Kerzhner, 1978: 190. HT: ♀, RU (FE), Primorsk Terr., Khasan; ZMAS.

Distr. AS: JA KO RU (FE).

***Chilocoris nitidus* Mayr, 1864**

Chilocoris nitidus Mayr, 1864: 907. LT (J.A. Lis, 1994a: 74): ♀, India, Kashmir; NHMW.

Distr. AS: CH (CE NO SW) JA? **EL:** India (north), Nepal.

Note: Records from JA were most probably based on misidentifications.

***Chilocoris piceus* Signoret, 1884**

Chilocoris piceus Signoret, 1884a: 518. ST(S): India.

Distr. AS: CH (SE SW). **EL:** India, Malaya, Sri Lanka.

Note: Records from RU and JA were based on misidentifications.

***Chilocoris pusillus* Horváth, 1919**

Chilocoris pusillus Horváth, 1919: 262. LT (J.A. Lis, 1994a: 90): ♂, TA, Takao [= Kaohsiung]; HNHM.

Distr. AS: TA. **EL:** Hawaii (introduced), Vietnam.

***Chilocoris somalicus* Mancini, 1939**

Chilocoris somalicus Mancini, 1939: 295. HT: ♂, Somalia, Belet Amin; MCSN.

Distr. NA: YE. **EL:** Ethiopia, Somalia.

Genus *Cydnus* Fabricius, 1803

Cydnus Fabricius, 1803: 184. Type species by subsequent designation (Doyère, 1837: pl. 88): *Cimex tristis* Fabricius, 1775 (= *Cimex aterrimus* Forster, 1771).

Brachypelta Amyot & Serville, 1843: 89 (syn. Dallas, 1851a: 121). Type species by monotypy: *Cimex tristis* Fabricius, 1775 (= *Cimex aterrimus* Forster, 1771).

Cydnopeltus Signoret, 1881c: 28 (syn. J.A. Lis, 1997b: 404). Type species by monotypy: *Cydnopeltus horvathii* Signoret, 1881, Oriental Region.

Orientocydnus J.A. Lis, 1994a: 102 (as subgenus of *Cydnus*; syn. J.A. Lis, 1997b: 404). Type species by original designation: *Cydnus* (*Orientocydnus*) *borneensis* J.A. Lis, 1994, Malaysia, New Guinea.

Ref.: J.A. Lis, 1997b (tax.).

***Cydnus aterrimus* (Forster, 1771)**

Cimex aterrimus Forster, 1771: 71. ST(S): SP, ad fretum Gaditanum [= Golfo de Cádiz].

?*Cimex niger spinipes* De Geer, 1773: 269 (not binominal; syn. Fabricius, 1794: 124, with *tristis*). ST(S): EU; lost.

Cimex tristis Fabricius, 1775: 716 (syn. Schrank, 1782: 278, suspected; Dallas, 1851a: 121). LT (J.A. Lis, 1994a: 101): ♂, “Oriente”; ZMUC.

Cimex spinipes Schrank, 1781: 273 (syn. Schrank, 1782: 278, with *tristis*). STS: AU, Vienna; lost.

Cydnus carbonarius Geoffroy in Fourcroy, 1785: 217 (syn. Fabricius, 1794: 124, with *tristis*). For *Cimex* no. 70 in Geoffroy, 1762: 470. ST(S): FR, Paris; lost.

Cydnus sanguinicollis Fabricius, 1803: 185 (syn. Stål, 1868a: 6). ST(S): MO, Tanger; ZMUC (1 ST).

Cydnus brunnipennis Fabricius, 1803: 185 (syn. Stål, 1868a: 6). ST(S): MO, Tanger; ZMUC (1 ST).

Brachypelta elevata Uhler, 1860: 222 (syn. Signoret, 1883a: 358). STS: South Africa, Cape of Good Hope; USNM.

Brachypelta aterrima var. *sareptana* Jakovlev, 1875: 148. LT (Derzhansky et al., 2002: 363): ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Cydnus aterrimus ab. *orangeus* Halászfy, 1953a: 191 (unavailable name). HT: ♀, HU, Nagyrábé; HNHM.

Cydnus aterrimus f. *alveata* Stichel, 1961: 697 (unavailable name). HT: AG; ZSMC?

Cydnus infernalis Kiritschenko, 1966: 799 (syn. J.A. Lis, 1997b: 405). HT: ♂, IN, Isin, 30 km N of Bender-Abbass; ZMAS.

Cydnus sobrius Fuente, 1972b: 85 (syn. J.A. Lis, 1997b: 405). HT: ♂, SP, Navarra, Badostain; Cátedra de Artrópodos, Universidad Complutense, Madrid, SP.

Distr. EU: AL AU BE BH BU CR CZ EK ET FR GE GR HU IT LT LU MA MC MD NL PL PO RO RU (CT: Samara Prov. ST) SK SL SP SZ UK YU. NA: AG CI EG LB MO MR TU. AS: AB AF AK AR AT CH (NO NW) CY GG IN IQ IS JO KI LE RU (WS) SY TD TM UZ YE. EL: Congo?, Oriental Region, Senegal?, South Africa (introduced), USA (introduced), West Indies (introduced).

Ref.: Halászfy, 1958 (larva); Putshkova, 1959 (egg).

Note: *Cydnus brunnipennis* Fabricius, 1803 was erroneously synonymized with *Macroscytus brunneus* (Fabricius) by Fieber (1861: 362); then it was excluded from this synonymy by Signoret (1881d: 644). Reuter (1888a), who synonymized *C. niger sinipes* De Geer with *Sehirus luctuosus*, did examine De Geer's type(s): “sec. spec. typ.”. Also Dolling et al. (1999), in their work about species described in *Cimex*, placed the unavailable name *C. niger spinipes* in synonymy with *S. luctuosus*.

Genus *Parachilocoris* Horváth, 1919

Parachilocoris Horváth, 1919: 254. Type species by original designation: *Parachilocoris dispar* Horváth, 1919, Indonesia.

***Parachilocoris japonicus* J.A. Lis, 1994**

Parachilocoris minutus japonicus J.A. Lis, 1994b: 113 (upgraded by J.A. Lis, 1999a: 181). HT: ♂, JA, Chiuzenji; BMNH.

Distr. AS: JA.

***Parachilocoris semialbidus* (Walker, 1867)**

Aethus semialbidus Walker, 1867b: 160. LT (J.A. Lis, 1991a: 174): ♂, CH (SE), Fujian, Amoy [= Xiamen]; BMNH.

Chilocoris solenopsidis Breddin, 1904a: 408 (syn. J.A. Lis, 1991a: 174). LT (Gaedike, 1971: 99): ♀, India, Bombay; DEIC.

Distr. AS: CH (SE) TA. **EL:** Oriental Region.

Tribe GEOTOMINI Wagner, 1963

GEOTOMINI Wagner, 1963a: 113. Type genus: *Geotomus* Mulsant & Rey, 1866.

Genus *Adrisa* Amyot & Serville, 1843

Adrisa Amyot & Serville, 1843: 89. Type species by monotypy: *Adrisa nigra* Amyot & Serville, 1843, Indonesia (Java).

Acatalectus Dallas, 1851a: 110, 122 (syn. Stål, 1876: 20). Type species by subsequent designation (J.A. Lis, 1992a: 14): *Acatalectus rugosus* Dallas, 1851, Australia.

Geobia Montrouzier, 1858: 245 (syn. Stål, 1876: 20). Type species by subsequent designation (Horváth, 1919: 246): *Geobia numeensis* Montrouzier, 1858, Australian Region.

Note: Records of *Adrisa nigra* Amyot & Serville, 1843 from CH were based on misidentifications.

***Adrisa magna* (Uhler, 1860)**

Acatalectus magnus Uhler, 1860: 222. ST(S): ♀, CH (SE), Hong Kong; USNM.

Adrisa maxima Štusák, 1991: 117 (syn. J.A. Lis, 1994a: 125). HT: ♂, Vietnam, Tonkin, Vinh-Phu Prov., Tam Dao; coll. J.M. Štusák, Prague, CZ.

Adrisa nigra: auct. [records from CH].

Distr. AS: CH (CE NO SE SW) JA KO TA. **EL:** Oriental Region.

***Adrisa rawlini* J.A. Lis, 1994**

Adrisa rawlini J.A. Lis, 1994a: 128. HT: ♂, TA, Kaohsiung, Shanping; Carnegie Museum of Natural History, Pittsburgh, USA.

Distr. AS: TA.

Genus *Aethus* Dallas, 1851

Aethus Dallas, 1851a: 110, 112. Type species by subsequent designation (Van Duzee, 1914: 378): *Cydnus indicus* Westwood, 1837, India.

Trichosternus Mulsant & Rey, 1866: 24 (as subgenus of *Cydnus*; syn. Lethierry & Severin, 1893: 65). Type species by subsequent designation (China, 1943: 220): *Cydnus pilosus* Herrich-Schaeffer, 1834.

Stilbocydnus Wagner, 1951a: 63 (as subgenus of *Aethus*; syn. J.A. Lis, 1996b: 247). Type species by original designation: *Aethus laevis* Wagner, 1951 (= *Aethus laevioides* J.A. Lis, 1996).

***Aethus attar* (Kirkaldy, 1903)**

Geotomus attar Kirkaldy, 1903a: 390. LT (Linnavuori, 1993a: 72, as HT): ♂, YE, Socotra; BMNH.

Distr. AS: YE (Socotra).

***Aethus bergevini* (China, 1934)**

Cydnus bergevini China, 1934b: 166. HT: ♂, AG, Ahaggar Mts; BMNH.

Distr. NA: AG LB.

***Aethus eremophilus* Linnavuori, 1993**

Aethus eremophilus Linnavuori, 1989a: 5. Nomen nudum.

Aethus (Aethus) eremophilus Linnavuori, 1993a: 71. HT: ♂, YE, Aden; AMNH.

Distr. AS: YE. **EL:** Sudan.

***Aethus hispidulus* (Klug, 1845)**

Cydne hispidulus Klug, 1845: sign. c. STS: ♂, ♀, SA, Arabia deserta; ZMHB.

Aethus setosus Walker, 1867b: 154 (syn. Linnavuori, 1993a: 75). LT (Linnavuori,

1993: 75): ♂, AT or SY, Euphrates; BMNH.

Cydne sahlbergi Reuter, 1900c: 222 (syn. Linnavuori, 1993a: 75). LT (Linnavuori,

1993: 75): ♀, GR, Corfu; ZMAS.

Distr. EU: GR. **NA:** EG. **AS:** AB AF AR AT CY IN IQ IS JO SA SY TM UZ. **EL:** Somalia.

Note: Records from tropical Africa are errors.

***Aethus holothrix* Linnavuori, 1977**

Aethus holothrix Linnavuori, 1977: 37. HT: ♂, Sudan, Upper Nile, Malakal; AMNH.

Distr. AS: YE. **EL:** Ghana, Sudan.

***Aethus ifniensis* (Vidal, 1949)**

Microporus ifniensis Vidal, 1949: 23. STS: ♂, MO, Region d'Ifni; MZBS.

Distr. NA: MO.

***Aethus laevioides* J.A. Lis, 1996**

Aethus (Stilbocydnus) laevis Wagner, 1951a: 63 (junior primary homonym of *Aethus laevis* Douglas & Scott, 1868). HT (see Aukema & Kerzhner, 2005: 70): ♀, MO,

Spanish Sahara, Tuisgui Remtz; ZMUH.

Aethus laevioides J.A. Lis, 1996b: 248. New name for *laevis* Wagner, 1951.

Distr. NA: MO.

Note: Records from tropical Africa refer to *Paraethus sigwalti* J.A. Lis.

***Aethus lindbergi* Wagner, 1957**

Aethus lindbergi Wagner, 1957a: 1. HT: ♂, Cape Verde Is, São Nicolau; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Distr. AS: YE. **EL:** Cape Verde Is, tropical Africa.

***Aethus ostiolatus* Signoret, 1882**

Aethus ostiolatus Signoret, 1882c: 433. LT (Linnavuori, 1993a: 75, as HT): ♀, Sudan, Kordofan; ZMHB.

Aethus macrophthalmus Wagner, 1951b: 163 (syn. Linnavuori, 1993a: 75). HT (see Aukema & Kerzhner, 2005: 70): ♂, EG, Fayed; ZMUH.

Distr. NA: AG EG. **AS:** IN SA YE. **EL:** tropical Africa.

***Aethus perithrix* (Mancini, 1937)**

Geocnethus perithrix Mancini, 1937: 41. STS: ♂, ♀, Somalia, village Duca degli Abruzzi; MCSN.

Distr. AS: YE. **EL:** tropical Africa.

***Aethus pilosus* (Herrich-Schaeffer, 1834)**

Cydne pilosus Herrich-Schaeffer, 1834: pl. 22 and legend. STS: SP; lost.

Cydne zophosoides Rambur, 1839: 113 (syn. Puton, 1874b: 225). HT: ♀, SP, Andalusia, between Gibraltar and Saint-Roque; BMNH.

Distr. EU: CR ET FR GR IT MA PO SP. **NA:** AG LB TU. **AS:** AF IN IS JO SA SI SY. **EL:** Cameroon, Ethiopia, Senegal.

Note: Records from RU and UK were erroneous.

***Aethus pseudindicus* J.A. Lis, 1993**

Aethus pseudindicus J.A. Lis, 1993a: 108. HT: ♂, Vietnam, South Annam, Nha-Trang; UOCP.

Aethus indicus: auct. [records from CH].

Distr. AS: CH (CE SE SW) JA TA. **EL:** Oriental Region.

***Aethus solutus* Linnavuori, 1977**

Aethus solutus Linnavuori, 1977: 38. HT: ♂, Sudan, Kordofan, Lake Keilak; AMNH.

Distr. AS: YE. **EL:** tropical Africa.

***Aethus uageranus* Linnavuori, 1982**

Aethus uageranus Linnavuori, 1982a: 27. HT: ♂, Somalia, Ola Uager; Museo Zoologico, Università di Firenze, Florence, IT.

Distr. AS: YE. **EL:** Ethiopia, Kenya, Somalia.

***Aethus yunnanus* Hsiao, 1977**

Aethus yunnanus Hsiao, 1977b: 44, 296. HT: ♂, CH (SW), Yunnan, Jin-ping County, Mengla; IZAS.

Distr. AS: CH (SE SW).

Genus *Alonips* Signoret, 1881

Alonips Signoret, 1881d: 653. Type species by subsequent designation (China, 1943: 221): *Alonips obsoletus* Signoret, 1881, Australia.

***Alonips acrostictus* (Distant, 1918)**

Geotomus acrostictus Distant, 1918: 118. LT (J.A. Lis, 1991a: 180): ♀, India, Chikkaballapura [= Chikballapur]; BMNH.

Geotomus minor Hsiao, 1977b: 47, 296 (syn. J.A. Lis, 1994a: 156). HT: ♂, CH (SE), Hainan, Jian-feng-ling; TMNH.

Distr. AS: IN CH (SE). **EL:** Oriental Region.

***Alonips intrusus* (Wagner, 1953)**

Geotomus intrusus Wagner, 1953b: 467. HT: ♂, EG, Pyramids; ZMUH (see Aukema & Kerzhner, 2005: 69).

Distr. NA: AG CI EG TU. **AS:** IN IQ SA YE. **EL:** tropical Africa.

***Alonips orientalis* (Jeannel, 1913)**

Geotomus orientalis Jeannel, 1913: 17. HT: ♀, Kenya, Tiwi [south of Mombassa]; MNHN.

Distr. AS: SA. **EL:** tropical Africa.

***Alonips parallelus* (Mancini, 1939)**

Geotomus parallelus Mancini, 1939: 293. STS: ♂, ♀, Somalia, Belet Amin; MCSN.

Distr. NA: EG. **AS:** SA. **EL:** Somalia, Sudan.

***Alonips taiwanicus* J.A. Lis, 1994**

Alonips taiwanicus J.A. Lis, 1994a: 162. HT: ♂, TA, Takao [= Kaohsiung]; UOCP.

Distr. AS: CH (SE) TA.

Genus *Byrsinus* Fieber, 1860

Byrsinus Fieber, 1860: 83. Type species by subsequent designation (Oshanin, 1912: 1):

Cydnus (*Byrsinus*) *fossor* Mulsant & Rey, 1866 (= *Byrsinus scarabaeoides* sensu

- Fieber, 1861).
- Psammozetus* Mulsant & Rey, 1866: 18 (as subgenus of *Cydnus* Fabricius, 1803; syn. Puton, 1886a: 8). Type species by monotypy: *Cydnus albipennis* A. Costa, 1853.
- Byrsinocoris* Montandon, 1900a: 156 (syn. J.A. Lis, 2003: 40). Type species by monotypy: *Byrsinocoris nigroscutellatus* Montandon, 1900.
- Putonisca* Horváth, 1919: 235 (syn. J.A. Lis, 1993b: 81). Type species by original designation: *Cydnus pallidus* Puton, 1887.
- Dallonia* Bergevin, 1936: 64 (junior homonym of *Dallonia* Lambert, 1916, Echinodermata; syn. J.A. Lis, 1999a: 190, with *Byrsinocoris*). Type species by monotypy: *Dallonia pangaeoides* Bergevin, 1936 (= *Byrsinocoris nigroscutellatus* Montandon, 1900).
- Osmania* Kiyak, 1999: 21. New name for *Dallonia* Bergevin, 1936.
- Byrsinus albipennis* (A. Costa, 1853)**
Cydnus albipennis A. Costa, 1853: 56 [60]. LT (Carapezza et al., 1995: 283): ♂, IT, Naples; ZIUN.
Byrsinus sphaeridioides Fieber, 1861: 363 (syn. Signoret, 1882d: 165). STS: IT, Sicily.
Distr. EU: FR? IT MA PO SP. **NA:** AG CI EG LB MO.
Note: Records from Senegal and Sudan were based on misidentifications.
- Byrsinus balcanicus* (Josifov, 1986)**
Aethus balcanicus Josifov, 1986b: 127. HT: ♂, BU, Alepu Lake; ZISB.
Distr. EU: BU GR MC.
- Byrsinus brevicornis* Wagner, 1964**
Byrsinus brevicornis Wagner, 1964a: 79. HT (see Aukema & Kerzhner, 2005: 69): ♀, EG, Gebel Asfar; ZMUH.
Distr. NA: EG.
- Byrsinus comaroffii* (Jakovlev, 1879)**
Cydnus comaroffii Jakovlev, 1879: 21. LT (Kerzhner, 1972a: 362): ♀, RU (ST), Dagestan, Derbent; ZMAS.
Aethus ahngeri Wagner, 1952a: 37 (syn. Kerzhner, 1972a: 362). HT: ♂, TM (Transcaspia); MZHF.
Distr. EU: EK RU (ST). **AS:** AB AF AK AR CH (NW) IN KI MG TD TM UZ.
- Byrsinus discus* Jakovlev, 1906**
Byrsinus discus Jakovlev, 1906b: 52. LT (Derzhansky et al., 2002: 362): ♂, TM, Repetek; ZMAS.
Distr. AS: TM UZ.
Note: A record from RO was an error. The syntype labelled “Chinese Turkestan” [= CH, Xinjiang] belongs to *Byrsinus penicillatus* Wagner (J.A. Lis, 1999a).
- Byrsinus flavicornis* (Fabricius, 1794)**
Cimex flavicornis Fabricius, 1794: 124. ST(S): GE, Kiliae [=Kiel]; ZMUC.
Aethus dauricus Wagner, 1952a: 36 (syn. Kerzhner, 1972a: 363). HT: ♀, RU (ES), Dauria [= Transbaikalia]; UZMT.
Distr. EU: BE BU BY? CR CZ EK ET FR GB (vagrant) GE HU IT LA? LT? MA MC MD NL PL PO RO RU (CT ST) SK SP UK YU. **NA:** AG LB MO MR TU.
AS: AB? AF AK AR? CH (NO NW) CY IN MG RU (ES WS) SI TD TM.
- Byrsinus fossor* (Mulsant & Rey, 1866)**
Cydnus (Byrsinus) fossor Mulsant & Rey, 1866: 18. ST(S): European RU; not located.

Distr. EU: BU EK FR HU RO RU (ST) SP UK YU. **AS:** AB AK AR CH (NW).
Note: Records from EG, AF, MG, TD and TM pertained to other species of the genus.
Ref.: Gidayatov, 1982 (biol.); Halászfű, 1958 (larva).

***Byrsinus fuscipes* (Mulsant & Rey, 1866)**

Cydnius fuscipes Mulsant & Rey, 1866: 22. STS: FR, Montpellier; lost.
Distr. EU: FR MA PO SP.

***Byrsinus laeviceps* (Kerzhner, 1972)**

Aethus laeviceps Kerzhner, 1972a: 363. HT: ♂, EK, Gur'ev Prov., 22 km SE of Ushtagan; ZMAS.

Distr. EU: EK. **AS:** CH (NW) IN MG TM UZ.

Note: Termez was erroneously cited as TD in Kerzhner (1972a: 364), it is actually UZ (J.A. Lis, 1999a).

***Byrsinus laticollis* (Wagner, 1954)**

Aethus (*Cydnius*) *laticollis* Wagner, 1954a: 1. HT: ♂, CI, Fuerteventura, Jable; MZHF.

Aethus perisi Fuente, 1970: 158, 162 (syn. Ribes & Saulea, 1979: 154). HT: ♂, SP, Alicante; Cátedra de Artrópodos, Universidad Complutense, Madrid, SP.

Distr. EU: IT SP. **NA:** CI LB MO MR TU. **AS:** IN.

***Byrsinus minor* Wagner, 1964**

Byrsinus minor Wagner, 1964a: 83. HT: ♀, MG (north); NHMW.

Distr. AS: CH (NW) MG.

Note: A record from IN was an error.

***Byrsinus nigroscutellatus* (Montandon, 1900)**

Byrsinocoris nigroscutellatus Montandon, 1900a: 157. LT (Sienkiewicz, 1964: 136, as Type): ♂, AG, nr Biskra; MGAB.

Dallonia pangaeoides Bergevin, 1936: 65 (syn. J.A. Lis, 1999a: 190). HT: ♀, Chad, Tibesti, between Ehi Bou and Guezenti; MNHN.

Distr. NA: AG EG LB. **AS:** OM SI. **EL:** Chad, Mauretania.

Ref.: J.A. Lis, 2003 (distr.).

Note: The record from IQ (J.A. Lis, 1999a) was based on misinterpretation of a locality in OM.

***Byrsinus pallidus* (Puton, 1887)**

Cydnius pallidus Puton in Puton & Lethierry, 1887: 298. LT (J.A. Lis, 1993b: 89): ♂, AG, Biskra; MNHN.

Putonisca scutellaris Horváth, 1919: 236 (syn. Wagner, 1964a: 94). LT (J.A. Lis, 1997a: 4): ♀, YE, Aden; HNHN.

Aethus bipunctatum Ahmad, Moizuddin & Khan, 1979: 17, 21. Nomen nudum.

Aethus bipunctatus Moizuddin & Ahmad, 1990: 313 (syn. J.A. Lis, 1993b: 89). HT: ♀, Pakistan, Sind, Karachi; Natural History Museum, University of Karachi, Pakistan.

Distr. EU: IT? **NA:** AG CI EG LB MO TU. **AS:** IN IS SA SI YE. **EL:** Djibouti, Mauretania, Pakistan, Sudan, Western Sahara.

***Byrsinus penicillatus* Wagner, 1964**

Byrsinus penicillatus Wagner, 1964a: 81. HT (see Aukema & Kerzhner, 2005: 70): ♀, TM, Farab; ZMUH.

Distr. AS: AF AK CH (NW WP) MG TD TM UZ.

***Byrsinus pevtzovi* Jakovlev, 1903**

Byrsinus pevtzovi Jakovlev, 1903d: 377. LT (V.G. Putshkov, 1965: 41, as "single

type”; Lis, 1999a: 193): ♀, CH (NW), Xinjiang, Kashgaria, Hotan-Tag Mts; ZMAS.
Distr. AS: CH (NW).
Note: V.G. Putshkov (1965) stated that the species is possibly identical with *Byrsinus discus* Jakovlev. Contrary to Jakovlev (1903d) and V.G. Putshkov (1965), the type is a female (J.A. Lis, 1999a).

***Byrsinus pilosulus* (Klug, 1845)**

Cydnus pilosulus Klug, 1845: sign. c. STS: EG, Alexandria; ZMHB.
Cydnus lacconotus Fieber, 1861: 363 (syn. Horváth, 1917b: 370). STS: GE (Bavaria; in error) and IT (Sicily); NHMW.
Cydnus dilutus Ferrari, 1874: 122 (syn. Signoret, 1881d: 636). ST(S): IN.
Aethus karachiensis Ahmad, Moizuddin & Khan, 1979: 14, 17. Nomen nudum.
Aethus karachiensis Moizuddin & Ahmad, 1990: 315 (syn. J.A. Lis, 1993b: 90). HT: ♂, Pakistan, Sind, Karachi; Natural History Museum, University of Karachi, Pakistan.
Distr. EU: BU FR GR IT MA RO SP “YU”. **NA:** AG CI EG LB MO MR TU. **AS:** AF AT IN IQ IS JO SA SI SY TD TM UZ YE. **EL:** Cape Verde Is, India, Mauretania, Pakistan, Sudan.
Note: Records from AB AR GG EK KI RU (ST) and UK were misidentifications; records from tropical Africa (Burkina Faso, Madagascar, Sierra Leone, South Africa) were also erroneous (J.A. Lis, 1999a).

***Byrsinus rugosus* (Jakovlev, 1874)**

Cydnus rugosus Jakovlev, 1874b: 235. LT (Kerzhner, 1972a: 359): ♀, RU (ST), Astrakhan; ZMAS.
Cydnus ovatulus Jakovlev, 1877b: 272 [name only], 282 [description, as “*oratulus*”] (junior secondary homonym of *Aethus ovatulus* Dallas, 1851; syn. Kerzhner, 1964a: 365). LT (Kerzhner, 1972a: 360): ♀, RU (ST), Astrakhan; ZMAS.
Aethus flavicornis longispinis Wagner, 1952a: 41 (syn. Kerzhner, 1964a: 365). HT (see Aukema & Kerzhner, 2005: 70): ♂, Caucasus; ZMUH.
Distr. EU: EK RU (ST). **NA:** EG. **AS:** AB AF AK CH (NO NW) IN IQ MG SA TD TM UZ.

***Byrsinus syriacus* (Horváth, 1917)**

Microporus syriacus Horváth, 1917b: 369, 370. LT (J.A. Lis, 1997a: 3): ♂, IS, Haifa; HNHM.
Distr. EU: SP. **NA:** EG. **AS:** IS LE SY. **EL:** Cape Verde Is.
Note: Records from the Balkan Peninsula refer to *Byrsinus balcanicus* (Josifov).

***Byrsinus varians* (Fabricius, 1803)**

Cydnus varians Fabricius, 1803: 187. LT (J.A. Lis, 1993b: 92): ♂, India; ZMUC.
Aethus cyrtomenoides Dohrn, 1860a: 400 (syn. Signoret, 1882d: 155). LT (J.A. Lis, 1993b: 93): ♀, Ceylon [= Sri Lanka]; ZMPA.
Aethus discolor Walker, 1867b: 161 (syn. Distant, 1899a: 220). HT: Indonesia, Borneo; BMNH.
Aethus omicron Walker, 1868: 534 (syn. J.A. Lis, 1993b: 92). LT (J.A. Lis, 1993b: 93): ♀, Ceylon [= Sri Lanka]; BMNH.
Cydnus ater Distant, 1918: 117 (syn. J.A. Lis, 1991a: 179). LT (J.A. Lis, 1991a: 179): ♀, India, Chikkaballapura [= Chikballapur]; BMNH.
Aethus laticollis orientalis Ghauri, 1975a: 227 (syn. J.A. Lis, 1993b: 92). HT: ♂, India, Ludhiana; BMNH.
Aethus riedeli Josifov & Kerzhner, 1978: 186 (syn. J.A. Lis, 1999a: 194). HT: ♂, KO,

Hamhyng-si Prov., Hyngnam; ZMPA.
Distr. AS: CH (NO SE) JA KO. **EL:** Oriental Region.

Genus *Fromundiellus* J.A. Lis, 1994

Fromundiellus J.A. Lis, 1994a: 169. Type species by original designation: *Aethus maurus* Dallas, 1851.

***Fromundiellus latiusculus* (Horváth, 1882)**

Geotomus latiusculus Horváth, 1882: 217. LT (J.A. Lis, 1997a: 4): ♂, AB, Lenkoran [= Lankaran]; HNHM.

Geotomus jakowlefi Signoret, 1883b: 49 (syn. Signoret, 1884b: 121). STS: AB (Lenkoran [= Lankaran]) and Caucasus; NHMW.

Geotomus peshawarensis Ahmad, Moizuddin & Khan, 1979: 18, 21. Nomen nudum.

Geotomus peshawarensis Moizuddin & Ahmad, 1990: 322 (syn. J.A. Lis, 1997a: 6).

HT: ♂, Peshawar; Natural History Museum, University of Karachi, Pakistan.

Distr. AS: AB AF KI TD TM UZ. **EL:** N India, Pakistan.

***Fromundiellus maurus* (Dallas, 1851)**

Aethus maurus Dallas, 1851a: 118. LT (J.A. Lis, 1991a: 181): ♂, India; BMNH.

Geotomus yunnanus Hsiao, 1977b: 48, 296 (syn. J.A. Lis, 1994a: 170). HT: ♀, CH (SW), Yunnan, Jin-ping County, Chang-po-tou; IZAS.

Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Fromundus* Distant, 1901

Fromundus Distant, 1901e: 582. Type species by monotypy: *Fromundus opacus* Distant, 1901, Sri Lanka.

Alamprella Horváth, 1904a: 254 (syn. J.A. Lis, 1996c: 100). Type species by monotypy: *Alamprella singularis* Horváth, 1904, tropical Africa.

Brachysolen Horváth, 1919: 269 (syn. J.A. Lis, 1994a: 173). Type species by original designation: *Brachysolen opacus* Horváth, 1919 (= *Fromundus opacellus* J.A. Lis, 1994), Burma, India, Sri Lanka.

***Fromundus biimpressus* (Horváth, 1919)**

Geocnethus biimpressus Horváth, 1919: 251. LT (J.A. Lis, 1994a: 176): ♀, “Laos, Annam”; HNHM.

Geotomus oblongatus Hsiao, 1977b: 46, 296 (syn. J.A. Lis, 1994a: 175). HT: ♀, CH (SE), Guangdong, Gao-yao County, Mt Ding-hu-shan; NKUM.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Fromundus hirtipes* (Palisot de Beauvois, 1811)**

Pentatoma hirtipes Palisot de Beauvois, 1811: 114. ST(S): Nigeria, Oware [= Owerri Prov.]; lost. NT (Linnavuori, 1993a: 96): ♂, Nigeria, Mbiama; AMNH.

Cydnus senegalensis Erichson in Klug & Erichson, 1859: 86 (syn. Linnavuori, 1993a: 96). LT (Linnavuori, 1993a: 96): ♂, Senegal; ZMHB.

Distr. AS: YE. **EL:** tropical Africa.

***Fromundus pygmaeus* (Dallas, 1851)**

Aethus pygmaeus Dallas, 1851a: 120. LT (J.A. Lis, 1994a: 182): ♀, India; BMNH.

Geobia fallax Montrouzier, 1858: 247 (syn. J.A. Lis, 1997c: 595). STS: New Caledonia.

Cydnus rarociliatus Ellenrieder, 1862: 139 (syn. Signoret, 1881d: 650). ST(S):

Indonesia, Sumatra, Lahat; lost.

Aethus nanulus Walker, 1867b: 162 (syn. Distant, 1899a: 222). LT (J.A. Lis, 1994a: 182):

♂, Indonesia, Celebes [= Sulawesi]; BMNH.
Aethus pallidicornis Vollenhoven, 1868a: 177 (syn. Signoret, 1883b: 51). STS: Indonesia, Java (Bezoeki) and Ceram [= Seram]; RMNH.
Geotomus subtristis F.B. White, 1877: 110 (syn. Signoret, 1883b: 51). LT (J.A. Lis, 1994a: 182): ♀, Hawaii; BMNH.
Geotomus jucundus F.B. White, 1877: 111 (syn. Signoret, 1883b: 51). LT (J.A. Lis, 1994a: 182): ♀, Hawaii; BMNH.
Aethus palliditarsus Scott, 1880: 309 (syn. Signoret, 1881d: 650). HT: ♂, JA; BMNH.
Geotomus lethierryi Signoret, 1883b: 50 (syn. J.A. Lis, 1994a: 181). LT (J.A. Lis, 1994a: 182): ♂, Indonesia, Java; MNHN.
Aethus nitens W.F. Kirby, 1900: 127 (syn. Gibson-Hill, 1950: 208). LT (J.A. Lis, 1999a: 198): sex unknown, Australia, Christmas Is; BMNH.
Geotomus macroevaporatorium Ahmad, Moizuddin & Khan, 1979: 14, 18. Nomen nudum.
Geotomus macroevaporatorius Moizuddin & Ahmad, 1990: 318 (syn. J.A. Lis, 1994a: 181). HT: ♂, Sind, Karachi; Natural History Museum, University of Karachi, Pakistan.
Distr. AS: CH (CE SE SW) CY IN IQ IS JA JO KO SA TA YE. **EL:** Australian Region, Oriental Region.
Ref.: Kobayashi, 1964 (biol., egg, larva,); J.A. Lis, 1994a (*Fromundus*).

Genus *Geotomus* Mulsant & Rey, 1866

Geotomus Mulsant & Rey, 1866: 34. Type species by subsequent designation (Distant, 1902a: 98): *Cydnus punctulatus* A. Costa, 1847.
Moonta Distant, 1911b: 338 (syn. J.A. Lis, 1996a: 214). Type species by monotypy: *Moonta alexandria* Distant, 1911, Australia.
Barbaraethus J.A. Lis, 1994a: 191 (as subgenus of *Geotomus*). Type species by original designation: *Cydnus perpunctatus* Signoret, 1881, India.

***Geotomus algiricus* Vidal, 1949**

Geotomus algiricus Vidal, 1949: 30. STS: AG, Saint-Charles and Bonnier; not located.
Distr. NA: AG.

***Geotomus angustus* Wagner, 1953**

Geotomus elongatus angustus Wagner, 1953b: 471 (upgraded by Stichel, 1961: 692). HT: ♂, AG, St. Charles; SMFD.
Geotomus elongatus var. *angustatus*: Halászfy, 1959: 7. Lapsus calami.
Distr. EU: SP. **NA:** AG LB MO TU. **AS:** AT IN. **EL:** Cape Verde Is, Chad, Sudan.

***Geotomus antennatus* Signoret, 1883**

Geotomus antennatus Signoret, 1883b: 56. LT (J.A. Lis, 1997a: 4): ♀, IS, Haifa; HNHN.
Distr. AS: AF AT IS SY.

***Geotomus brunnipennis* Wagner, 1953**

Geotomus brunnipennis Wagner, 1953b: 466. HT (see Aukema & Kerzhner, 2005: 69): ♂, CR, Dalmatia; ZMUH.
Distr. EU: AL AU BU CR ET FR GR IT MC YU.

***Geotomus ciliatitylus* Signoret, 1881**

Geotomus ciliatitylus Signoret, 1881d: 652. ST(S): ♂, IN, Teheran; MCSN.
Distr. EU: AL BH BU CR GR MC RO YU. **AS:** AB AT GG IN IS SY TM UZ.

Note: synonymy with *Geotomus caucasicus* established by Horváth (1918: 323) is incorrect (Kerzhner, 2003b).

***Geotomus convexus* Hsiao, 1977**

Geotomus convexus Hsiao, 1977b: 47, 296. HT: ♀, CH (NO), Beijing; BNHM.

Distr. AS: CH (CE NE NO) JA KO RU (FE).

***Geotomus elongatus* (Herrich-Schaeffer, 1840)**

Cydnius oblongus Rambur, 1839: 115 (nomen oblitum; syn. Lis, 1999a: 203). HT: ♀, SP, Andalusia, Cadiz; BMNH.

Cydnius elongatus Herrich-Schaeffer, 1840a: 96. ST(S): HU; lost.

Cydnius caucasicus Kolenati, 1846b: 70 (syn. Kerzhner, 2003b: 95). LT (Kerzhner, 2003b: 95): ♀, GG, Kazbek Mt., Görgeti; NHMW.

Cydnius caucasicus var. *rufulus* Kolenati, 1846b: 70. ST(S): GG, Kazbek Mt.; NHMW (lost?).

Distr. EU: BE BH BU CR ET FR GE GR HU IT MC PO RO RU (CT ST) SP SZ UK YU. **NA:** AG CI MO TU. **AS:** AB AK AR AT CH (NO) GG IN IS IQ KI SY TD TM UZ.

***Geotomus laticollis* Reuter, 1900**

Geotomus laticollis Reuter, 1900c: 223. LT (Wagner, 1953b: 473, as HT): ♂, TU, in litore sinus El Bahira [= coast of El Bahira Gulf]; MZHF.

Distr. NA: AG TU.

***Geotomus longicornis* Wagner, 1953**

Geotomus longicornis Wagner, 1953b: 468. HT (see Aukema & Kerzhner, 2005: 71):

♂, SP, Andalusia, nr Carmona; NHMW.

Distr. EU: SP. **NA:** CI.

***Geotomus petiti* Wagner, 1954**

Geotomus petiti Wagner, 1954b: 197. HT (see Aukema & Kerzhner, 2005: 70): ♂, FR, Pyrénées, Banyuls; ZMUH.

Distr. EU: FR IT SP.

***Geotomus punctulatus* (A. Costa, 1847)**

Cydnius punctulatus A. Costa, 1847: 30. LT (Carapezza et al., 1995: 283): ♂, IT, Naples; ZIUN.

Cydnius laevicollis A. Costa, 1847: 31 (syn. Signoret, 1881d: 649). HT: ♂, IT, Naples; ZIUN.

Cydnius bifoveolatus Herrich-Schaeffer, 1851: 344 (syn. Mulsant & Rey, 1866: 36). ST(S): IT; lost.

Cydnius helferi Fieber, 1861: 364 (syn. Mulsant & Rey, 1866: 36). STS: IT, Sicily.

Cydnius aciculatus Fieber, 1864b: 233 (syn. Mulsant & Rey, 1866: 36). STS: GE, Crefeld (in error).

Cydnius episternalis Mulsant & Rey, 1866: 38 (syn. Signoret, 1881d: 649). HT: ♂, SP.

Aethus platysomoides Walker, 1867b: 163 (syn. J.A. Lis, 1999a: 204). HT: ♂, locality not given; BMNH.

Aethus laevis Douglas & Scott, 1868a: 238 (syn. Saunders, 1875a: 233). STS: GB, Whitsand Bay; BMNH.

Distr. EU: AL BE? BH BU ET FR GB? GR HU IT MA MC MD PO RO RU (ST) SP UK YU. **NA:** AG AZ CI LB MO TU. **AS:** AB AR AT CY GG IN IS SY TM.

Note: Records from NL and JA were erroneous.

***Geotomus regnieri* Vidal, 1937**

Geotomus regnieri Vidal, 1937: 186. HT: ♂, MO, Port-Lyautey.

Distr. EU: SP. **NA:** MO.

***Geotomus simillimus* Wagner, 1953**

Geotomus simillimus Wagner, 1953b: 470. HT: ♂, IS, Palestine, Jordan; MZHF.

Distr. AS: IS.

Genus *Lactistes* Schiødte, 1848

Lactistes Schiødte, 1848: 456. Type species by subsequent designation (Distant, 1902a: 86): *Lactistes vericulatus* Schiødte, 1848.

Eolactistes Linnavuori, 1993a: 13 (as subgenus of *Lactistes*). Type species by original designation: *Lactistes incertus* Signoret, 1881.

***Lactistes chinensis* J.A. Lis, 1994**

Lactistes (Lactistes) chinensis J.A. Lis, 1994a: 203. HT: ♀, CH (SE), Canton [= Guangdong]; UOCP.

Distr. AS: CH (SE).

***Lactistes falcolipes* Hsiao, 1977**

Lactistes falcolipes Hsiao, 1977b: 42, 295. HT: ♀, CH (CE), Hubei, Wu-chang, Mt Luo-jia-shan; NKUM.

Distr. AS: CH (CE NO SE) JA.

***Lactistes incertus* Signoret, 1881**

Lactistes incertus Signoret, 1881b: 52. ST(S): Abyssinia [= Ethiopia]; MNMS.

Distr. AS: SA YE. **EL:** Ethiopia, Zambia.

***Lactistes truncatoserratus* Signoret, 1879**

Lactistes truncatoserratus Signoret, 1879b: 234. LT (J.A. Lis, 1994a: 201): ♀, India, Kashmir; NHMW.

Macroscytus longirostris Bergroth, 1915a: 170 (syn. J.A. Lis, 1994a: 201). ST(S): ♀, India, Bombay Presidency.

Lactistes longirostris Hsiao 1977b: 42, 295 (syn. J.A. Lis, 1994a: 201). HT: ♀, CH (SW), Yunnan, Cheng-gong County; Beijing Agricultural University, Beijing, CH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Lactistes vericulatus* Schiødte, 1848**

Lactistes vericulatus Schiødte, 1848: 456. HT: ♀, Guinea; ZMUC.

Lactistes scitus Linnavuori, 1977: 36 (syn. Linnavuori, 1993a: 11). HT: ♂, Sudan, Bahr el Ghazal, Wau; AMNH.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Macroscytus* Fieber, 1860

Macroscytus Fieber, 1860: 83. Type species by subsequent monotypy (Fieber, 1861: 362): *Cydnus brunneus* Fabricius, 1803.

Hahn timer Ellenrieder, 1862: 139 (junior homonym of *Hahn timer* Koch, 1841, Aranea; syn. J.A. Lis, 1994a: 209). Type species by monotypy: *Hahn timer gibbula* Ellenrieder, 1862,

Philapodemus Kirkaldy, 1910a: 8 (syn. J.A. Lis, 1994a: 209). New name for *Hahn timer* Ellenrieder, 1862.

Ref.: J.A. Lis, 2000 (rev., key).

***Macroscytus aequalis* (Walker, 1867)**

Aethus aequalis Walker, 1867b: 159. LT (J.A. Lis, 1994a: 213): ♀, CH (SE), Hong Kong; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Macroscytus badius* (Walker, 1867)**

Aethus badius Walker, 1867b: 159. LT (J.A. Lis, 1991a: 184): ♂, India; BMNH.

Macroscytus expansus Signoret, 1883c: 479 (syn. J.A. Lis, 1994a: 236). ST(S): India, Bombay; BMNH (lost).

Distr. AS: CH? **EL:** Oriental Region.

Note: The occurrence of this species in CH is still not confirmed; records from JA refer to *Aethus pseudindicus* J.A. Lis.

***Macroscytus brunneus* (Fabricius, 1803)**

Cydnus brunneus Fabricius, 1803: 185. LT (J.A. Lis, 1994a: 239): ♂, MO, Tanger; ZMUC.

Cydnus proximus Rambur, 1839: 112 (syn. Amyot, 1845: 427). ST(S): SP, nr Cadiz; BMNH.

Aethus opacus Stål, 1854b: 214 (syn. Signoret, 1881d: 644). ST(S): South Africa, “Caffraria”; RMNH.

Macroscytus scutellaris Horváth, 1919: 238 (syn. Linnavuori, 1993a: 25). LT (Linnavuori, 1977: 41): ♂, Mozambique, Zambesi; HNHM.

Macroscytus exiguus Horváth, 1919: 238 (syn. Linnavuori, 1993a: 25). LT (Linnavuori, 1977: 41): ♂, South Africa, Natal; HNHM.

Distr. EU: AL BH CR FR GR IT MA MC PO SP SZ YU. **NA:** AG CI EG LB MO TU. **AS:** AB AF AT CY IN IQ IS JO LE OM SA SI SY TD TM UZ YE. **EL:** tropical Africa, Pakistan.

***Macroscytus dominiqueae* J.A. Lis, 1991**

Macroscytus dominiqueae J.A. Lis, 1991d: 209. HT: ♂, Vietnam, Cho-Ganh; MNHN.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Macroscytus fraterculus* Horváth, 1919**

Macroscytus fraterculus Horváth, 1919: 241 (syn. Josifov & Kerzhner, 1978: 189, with *M. japonensis*; restored by J.A. Lis, 2000: 412). LT (Josifov & Kerzhner, 1978: 189): ♂, CH (NO), Peking [= Beijing]; HNHM.

Macroscytus confusus J.A. Lis, 1995: 163 (syn. J.A. Lis, 2000: 412). HT: ♂, JA, Honshu, Kanagawa Pref., Hayama; ZMAN.

Distr. AS: CH (NO SE) JA.

***Macroscytus gibbulus* (Ellenrieder, 1862)**

Hahnia gibbula Ellenrieder, 1862: 140. ST(S): Indonesia, Sumatra, Lahat; lost. NT (J.A. Lis, 2000: 417): ♂, Indonesia, Sumatra, Bindjei-Medan; UOCP.

Macroscytus sumatranus J.A. Lis, 1994a: 228 (syn. J.A. Lis, 2000: 416). HT: ♂, Indonesia, Java, Banjoewangi; ZMAN.

Distr. AS: CH (SE). **EL:** Oriental Region.

***Macroscytus japonensis* Scott, 1874**

Macroscytus japonensis Scott, 1874: 289, 294. LT (J.A. Lis, 1994a: 222): ♀, JA; BMNH.

Macroscytus niponensis Signoret, 1883c: 475 (syn. Horváth, 1919: 241). LT (J.A. Lis, 1994a: 222): ♀, JA; RMNH.

Distr. AS: CH (CE NO SE SW) JA KO RU (FE) TA. **EL:** Burma (north), Vietnam

(north).

***Macroscytus popovi* J.A. Lis, 1991**

Macroscytus popovi J.A. Lis, 1991d: 213. HT: ♂, Vietnam, Kien Giang Prov., Tho Tu Is.; UOCP.

Distr. AS: CH (SE). **EL:** Laos, Vietnam.

***Macroscytus transversus* (Burmeister, 1834)**

Cydnus transversus Burmeister, 1834a: 291. LT (J.A. Lis, 1991a: 187): ♀, Philippines, Manila; ZMHB.

Acatalectus transversus Walker, 1867b: 164 (syn. Distant, 1899a: 222). LT (J.A. Lis, 1994a: 232): ♂, Indonesia, Aru; BMNH.

Distr. AS: CH? JA? **EL:** Australian Region, Oriental Region.

Note: Records from CH and JA are still not confirmed.

Genus *Mesocricus* Horváth, 1884

Mesocricus Horváth, 1884b: 315. Type species by monotypy: *Mesocricus cribripennis* Horváth, 1884.

***Mesocricus cribripennis* Horváth, 1884**

Mesocricus cribripennis Horváth, 1884b: 315. LT (J.A. Lis, 1997a: 4): ♀, IS, Haifa; HNHM.

Distr. AS: IS.

Note: Records for SY were misinterpretations of the type locality given by Horváth as “SY, Kaifa” (now Haifa in IS).

Genus *Microporus* Uhler, 1872

Microporus Uhler, 1872: 394. Type species by monotypy: *Microporus obliquus* Uhler, 1872, N America.

Ref.: J.A. Lis, 1993b (tax.).

***Microporus laticeps* (Signoret, 1882)**

Cydnus laticeps Signoret, 1882d: 162. LT (J.A. Lis, 1993b: 95): ♂, CH (SE), Hong Kong; NHMW.

Macroscytus electus Distant, 1908a: 427 (syn. J.A. Lis, 1993b: 95). LT (J.A. Lis, 1991a: 175): ♂, India, Purneah; BMNH.

Cydnus germanus Breddin, 1913: 96 (syn. J.A. Lis, 1994a: 245). ST(S): India, Madras.

Distr. AS: CH (SE) TA YE. **EL:** Oriental Region.

***Microporus nigrita* (Fabricius, 1794)**

?*Cimex fusconiger* Goeze, 1778: 250 (syn. Reuter, 1888a: 44, suspected). For *Cimex* no. 71 in Geoffroy, 1762: 470. ST(S): FR, Paris; lost.

?*Cimex fumosus* Geoffroy in Fourcroy, 1785: 217. Objective synonym of *fusconiger* Goeze, 1778.

?*Cimex pullus* Gmelin, 1790: 2160. Objective synonym of *fusconiger* Goeze, 1778.

?*Cimex ciliatus* Gmelin, 1790: 2161 (junior primary homonym of *Cimex ciliatus* Fabricius, 1775; syn. Reuter, 1888a: 51, suspected). For *Cimex* no. 105 in Zschach, 1788: 120). ST(S): EU; lost.

Cimex nigrita Fabricius, 1794: 123. ST(S): GE, Kiliae [= Kiel]; ZMUC (1ST).

Aethus nigropiceus Scott, 1874: 289, 294 (syn. Signoret, 1882d: 147). LT (J.A. Lis, 1999a: 212): ♀, JA; BMNH.

Cydnus flavicornis var. *subinermis* Rey, 1887b: 1 (syn. Horváth, 1917b: 370). LT (J.A.

Lis, 1999a: 212): ♀, FR, Lyon; HNHM.
Distr. EU: AL AU BE BH BU BY CR CZ DE? EK ET FR GE GR HU IT LA LT LU
 MC MD NL PL RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** CI TU. **AS:** AB
 AK AR AT CH (CE NO NW SE SW WP) GG IN JA KI KO MG RU (ES FE WS)
 TD TM UZ. **EL:** Ethiopia, India (Kashmir), Senegal?, USA (introduced).
Ref.: J.A. Lis et al., 2000 (biol.).

Genus *Paraethus* J.A. Lis, 1994

Paraethus J.A. Lis, 1994a: 248. Type species by original designation: *Paraethus ajmericus* J.A. Lis, 1994, India.

***Paraethus saprinoides* (Gerstaecker, 1873)**

Aethus saprinoides Gerstaecker, 1873: 403. LT (Linnavuori, 1993a: 63, as HT): ♂,
 Kenya, Mombasa; ZMHB.
Cydnus perplexus Lethierry, 1881: 277 (syn. Linnavuori, 1993a: 63). LT (Linnavuori,
 1993a: 63): ♂, Ethiopia, Let-Marefia; MCSN.
Aethus vicinus Signoret, 1882c: 434 (syn. Linnavuori, 1993a: 63). LT (Linnavuori,
 1977: 38): ♀, Sudan, Senaar; NHMW.
Distr. AS: YE. **EL:** tropical Africa.

Genus *Peribyssus* Puton, 1888

Peribyssus Puton, 1888b: 363. Type species by monotypy: *Peribyssus scutellaris* Puton,
 1888.

***Peribyssus scutellaris* Puton, 1888**

Peribyssus scutellaris Puton, 1888b: 364. STS: ♂, AG, Laghouat; MNHN, MZHF.
Distr. NA: AG MO! TU.

Genus *Scoparipes* Signoret, 1879

Scoparipes Signoret, 1879b: 235. Type species by original designation (see ICZN
 Opinion 1707, 1993: 74): *Cydnus latipes* Westwood, 1837, Indonesia.
Euscoparipes J.A. Lis, 1990a: 171 (as subgenus of *Scoparipes*). Type species by original
 designation: *Aethus insignis* Walker, 1867, Indonesia.

***Scoparipes salvazai* J.A. Lis, 1990**

Scoparipes (Euscoparipes) salvazai J.A. Lis, 1990a: 187. HT: ♀, Laos, Haut Mekong,
 Muong Sing; BMNH.
Distr. AS: CH (SE). **EL:** Laos, Vietnam.

Genus *Shansia* Esaki & Ishihara, 1951

Shansia Esaki & Ishihara, 1951: 31. Type species by original designation: *Shansia
 clavicornis* Esaki & Ishihara, 1951.

***Shansia clavicornis* Esaki & Ishihara, 1951**

Shansia clavicornis Esaki & Ishihara, 1951: 31. HT: ♀, CH (NO), Shansi [= Shanxi],
 Lingtungtsun, Lingchwan-hsien; not located.
Distr. AS: CH (NO).

Subfamily SEHIRINAE Amyot & Serville, 1843

SEHIRINAE Amyot & Serville, 1843: xxi, 96 (Séhirides). Type genus: *Sehirus*
 Amyot & Serville, 1843.

Tribe AMAUROCORINI Wagner, 1963

AMAUROCORINI Wagner, 1963a: 107. Type genus: *Amaurocoris* Stål, 1865.
SCUTELLOCORINI Ahmad, Moizuddin & Khan, 1979: 15, 19. Nomen nudum.
SCUTELLOCORINI Ahmad & Moizuddin, 1980: 1 (syn. J.A. Lis, 1991a: 172). Type
genus: *Scutellocoris* Ahmad & Moizuddin, 1980 (= *Amaurocoris* Stål, 1865).
Ref.: J.A. Lis, 1993c (rev., syst.).

Genus *Amaurocoris* Stål, 1865

Amaurocoris Stål, 1865c: 31. Type species by monotypy: *Amaurocoris laticeps* Stål, 1865 (= *Cydnus curtus* Brullé, 1839).
Eurycoris Signoret, 1865: 115 (syn. Stål, 1876: 22). Type species by monotypy:
Eurycoris niger Signoret, 1865 (= *Cydnus curtus* Brullé, 1839).
Scutellocoris Ahmad, Moizuddin & Khan, 1979: 15, 19. Nomen nudum.
Scutellocoris Ahmad & Moizuddin, 1980: 2 (syn. J.A. Lis, 1991a: 165). Type species by
original designation: *Scutellocoris nigra* Ahmad & Moizuddin, 1980 (= *Cydnus curtus*
Brullé, 1839).
Ref.: J.A. Lis, 1993c (tax.).

Amaurocoris curtus (Brullé, 1839)

Cydnus curtus Brullé, 1839: 81. LT (J.A. Lis, 1993c: 67): ♂, CI; MNHN.
Amaurocoris laticeps Stål, 1865c: 31 (syn. Puton, 1889: 309). ST(S): ♂, Sudan,
Chartum Nubiae [= Khartoum]; NHRS.
Eurycoris niger Signoret, 1865: 115 (syn. Stål, 1876: 22). LT (J.A. Lis, 1993c: 67): ♂,
SY; NHMW.
Amaurocoris subglaber Horváth, 1919: 267 (syn. Linnavuori, 1989: 6). LT
(Linnavuori, 1993a: 126): ♂, YE, Aden; HNHM.
Scutellocoris nigra Ahmad, Moizuddin & Khan, 1979: 19, 22. Nomen nudum.
Scutellocoris nigra Ahmad & Moizuddin, 1980: 4 (syn. Linnavuori, 1993a: 126). HT:
♂, Pakistan, Karachi; Natural History Museum, University of Karachi, Pakistan.
Distr. EU: GR. **NA:** AG CI EG LB MO TU. **AS:** AB AF AR AT CY IN IS JO SA SI
SY TD TM UZ YE. **EL:** tropical Africa, Cape Verde Is, India?, Pakistan.

Genus *Linospa* Signoret, 1881

Linospa Signoret, 1881b: 37. Type species by subsequent monotypy (Signoret, 1884a:
528): *Cydnus hirtus* Thunberg, 1783, South Africa.
Hispidocydnus Linnavuori, 1993a: 127 (as subgenus of *Amaurocoris*; syn. J.A. Lis, 1994a:
43). Type species by original designation: *Amaurocoris orbicularis* Jakovlev, 1885.
Ref.: J.A. Lis, 1993c (tax.).

Linospa candida (Horváth, 1889)

Amaurocoris candidus Horváth, 1889b: 170, 173. LT (J.A. Lis, 1997a: 4):
♀ TM, Tekkinzen region, Tekke-Oasis; HNHM.
Distr. AS: AF AK IN TM UZ.

Linospa orbicularis (Jakovlev, 1885)

Amaurocoris orbicularis Jakovlev, 1885a: 110. LT (Derzhansky et al., 2002: 363): ♂,
TM, Ashkhabad; ZMAS.
Amaurocoris aspericollis Puton, 1886c: 1, 15 (syn. Kerzhner, 1964a: 365). HT: ♀, TU,
Tozzer [= Tozeur]; HNHM.
Amaurocoris muelleri Mancini, 1954: 158 (syn. Linnavuori, 1986a: 45). HT: Eritrea,
Massawa; not located.

Scutellocoris fusca Ahmad, Moizuddin & Khan, 1979: 15, 19. Nomen nudum.
Scutellocoris fusca Ahmad & Moizuddin, 1980: 6 (syn. Linnavuori, 1993a: 127). HT: ♂, Pakistan, Allabad; Natural History Museum, University of Karachi, Pakistan.
Distr. NA: AG CI EG LB MO TU. **AS:** AF IN IQ IS SA TD TM UZ YE. **EL:** Eritrea, Pakistan, Sudan.

Tribe SEHIRINI Amyot & Serville, 1843

Genus *Adomerus* Mulsant & Rey, 1866

Adomerus Mulsant & Rey, 1866: 66 (as subgenus of *Canthophorus*, upgraded by Signoret, 1881d: 656). Type species by monotypy: *Cimex biguttatus* Linnaeus, 1758.

***Adomerus biguttatus* (Linnaeus, 1758)**

Cimex biguttatus Linnaeus, 1758: 446. ST(S): SV; LSUK?

Sehirus biguttatus var. *concolor* Nickerl, 1892: 62. STS: CZ, Breitenbach [= Potůčky] nr Platten [= Horní Blatná], Erzgebirge and Nischburg [= Nižbor]; NMPC.

Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GB GE HU IT LA LS LT LU NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG. **AS:** AB AK GG RU (ES WS).

Note: Records from MG and CH (NO) were based on misidentifications.

Ref.: Putshkova, 1959 (egg).

***Adomerus congener* (Jakovlev, 1879)**

Schirus [sic!] *congener* Jakovlev, 1879: 25. LT (Derzhansky et al., 2002: 362): ♀, RU (ST), Dagestan, Derbent; ZMAS.

Distr. EU: RU (ST: Caucasus). **AS:** AB AR AT GG IN LE.

Note: A record from FR was an error.

Ref.: Gidayatov, 1982 (biol.)

***Adomerus notatus* (Jakovlev, 1882)**

Gnathoconus notatus Jakovlev, 1882b: 141. LT (Derzhansky et al., 2002: 362): ♂, RU (FE), Blagoveshchensk; ZMAS.

Legnotus longiguttulus Hsiao, 1977b: 50, 296 (syn. Kanyukova, 1988: 918). HT: ♂, CH (NO), Hopeh [= Hebei], Mt Wu-ling-shan; NKUM.

Distr. AS: CH (NO WP) MG RU (ES FE WS).

***Adomerus rotundus* (Hsiao, 1977)**

Legnotus rotundus Hsiao, 1977b: 52, 297. HT: ♂, CH (NO), Hebei, Tianjin; NKUM.

Legnotus breviguttulus Hsiao, 1977b: 51, 297 (syn. Kanyukova, 1988: 918). HT: ♀, CH (NO), Beijing, Xi-shan Hill; NKUM.

Distr. AS: CH (CE NO SE SW) JA RU (FE).

***Adomerus triguttulus* (Motschulsky, 1866)**

Schirus [sic] *triguttulus* Motschulsky, 1866: 186. LT (Kerzhner & Jansson, 1985: 42): JA; ZMUM.

Sehirus triguttatus Scott, 1874: 289, 296 (syn. Signoret, 1884c: 60). HT: ♂, JA; BMNH.

Distr. AS: CH (CE NO SW) JA KO RU (FE).

***Adomerus variegatus* (Signoret, 1884)**

Canthophorus variegatus Signoret, 1884c: 59. ST(S): JA; BMNH.

Distr. AS: JA RU (FE).

Genus *Canthophorus* Mulsant & Rey, 1866

Canthophorus Mulsant & Rey, 1866: 54. Type species by subsequent designation (Reuter, 1888a: 404): *Cimex dubius* Scopoli, 1763.

Ref.: Asanova, 1964 (tax.)

Canthophorus coeruleus (Reuter, 1902)

Sehirus coeruleus Reuter, 1902: 144. STS: ♂, ♀, TM, Kopet Dag; MZHF.

Distr. AS: IN KI TM UZ.

Note: A record from Turkey was an error.

Ref.: Asanova, 1964 (genitalia).

Canthophorus dubius (Scopoli, 1763)

Cimex dubius Scopoli, 1763: 121. ST(S): IT, Tergestum [= Trieste]; lost.

Cimex albomarginatus Schrank, 1776: 80 (syn. Schrank, 1781: 275). ST(S): AU, Vienna; lost.

Cimex histriolus Goeze, 1778: 276 (syn. Schrank, 1801: 76, with *albomarginatus*; Reuter, 1888a: 101). For pl. 57, fig. 11 in Schaeffer, 1766. ST(S): GE, Ratisbona [= Regensburg]; lost.

Cimex viennensis Gmelin, 1790: 2159. New name for *albomarginatus* Schrank, 1776.

Cimex melanoleucos Gmelin, 1790: 2161 (syn. Zschach, 1788: 119). For *Cimex* no. 104 in Zschach, 1788: 119. ST(S): EU; lost.

Cimex albomarginellus Fabricius, 1794: 123 (syn. Rambur, 1839: 111). ST(S): GE, Kiliae [= Kiel]; ZMUC (1 ST).

Distr. EU: AL AU BH BU CR CZ ET FI FR GE GR HU IT LS LT? MC MD PL RO RU (ST: Caucasus) SK SL SP SZ UK YU. **NA:** AG? EG? MR. **AS:** AT CY? IN IS LE SY?

Ref.: Rieger, 1997 (♀ genitalia).

Note: Records from AB AK AR BE CH (NO) EN GB GG KI LA TU UZ are erroneous.

Canthophorus fuscipennis (Horváth, 1899)

Sehirus fuscipennis Horváth, 1899d: 83. LT (J.A. Lis, 1997a: 5): ♂, FR, Beaune; HNHM.

Distr. EU: FR IT PO SP.

Ref.: Carapezza, 1993 (biol., genitalia); Fuente, 1972a (descr.).

Canthophorus hissaricus Asanova, 1964

Canthophorus hissaricus Kiritshenko, 1951a: 189; 1964: 61. Nomen nudum.

Canthophorus hissaricus Asanova, 1964: 139, 140, 141 [as *hisaricus* on p. 141]. HT: ♂, TD, S slope of Hissar Range, Ruidasht; ZMAS.

Distr. AS: TD.

Canthophorus impressus (Horváth, 1880)

Sehirus impressus Horváth, 1880: 184. LT (J.A. Lis, 1997a: 5): ♀, AU, Carinthia, Heiligenblut; NHMW.

?*Canthophorus dubius* var. *brevipennis* Signoret, 1884c: 56. HT: ♀, RU, Ural Mts; lost.

Distr. EU: AL AU BE BH BU CR CZ FR GB GE IT LS MC MD PL RO RU (CT ST) SK SL SV SZ UK YU. **AS:** AK AR MG RU (ES WS).

Ref.: Rieger, 1997 (♀ genitalia).

Note: *Canthophorus dubius* var. *brevipennis* Signoret was described from Ural Mts, where true *C. dubius* does not occur; since its holotype specimen was lost, it was not

possible to verify whether it represented *C. impressus* or *C. mixtus* (J.A. Lis, 1999a).

***Canthophorus maculipes* (Mulsant & Rey, 1852)**

Cydnus maculipes Mulsant & Rey, 1852: 78. ST(S): FR; MNHN, lost.

Distr. EU: CR FR GR IT PO SP. **NA:** AG MO. **AS:** AT.

***Canthophorus melanopterus melanopterus* (Herrich-Schaeffer, 1835)**

Cydnus melanopterus Herrich-Schaeffer, 1835a: 55. ST(S): SP; lost.

Distr. EU: AL AU BH BU CR CZ EK ET GR HU IT MA MC MD PO RO RU (ST) SK SL SP UK YU. **NA:** AG CI EG LB MO TU. **AS:** AB AR AT CH? (NO?) CY? GG IN IQ IS JO SY TD.

Ref.: Asanova, 1964 (genitalia); Halászfy, 1958 (larva).

***Canthophorus melanopterus contrarius* (Wagner, 1956)**

Sehirus melanopterus contrarius Wagner, 1956a: 195. HT: ♂, CY, Troodos; MZHF.

Distr. AS: CY.

***Canthophorus melanopterus niger* (Vidal, 1949)**

Sehirus dubius var. *nigra* Vidal, 1949: 43 (upgraded to ssp. by Stichel, 1961: 675).

STS: ♂, ♀, MO, Tizi Mesguita.

Distr. NA: LB MO TU.

***Canthophorus mixtus* Asanova, 1964**

Canthophorus mixtus Asanova, 1964: 139, 140. HT: ♂, AK, Karaganda Prov. [now in Dzhezkazgan Prov.], 40 km S of Zhan-Ark, Koksengir Hills; ZMAS (not found).

Distr. EU: AU EK HU RU (CT ST) SK UK. **AS:** AB AK AR KI RU (ES WS) UZ.

***Canthophorus niveimarginatus* Scott, 1874**

Canthophorus niveimarginatus Scott, 1874: 295. ST(S): JA; BMNH.

Distr. EU: FI? **AS:** AK CH (CE NO SW) JA KO MG RU (ES FE WS). **EL:** India (east), Vietnam (north).

Ref.: Kobayashi, 1964 (biol., egg, larva).

***Canthophorus wagneri* Asanova, 1964**

Canthophorus wagneri Asanova, 1964: 139, 140, 142. HT: ♂, RU (ST), Krasnodar Terr., Anapa; ZMAS.

Distr. EU: RU (ST: Caucasus). **AS:** AB AR AT GG TM.

Genus *Crocistethus* Fieber, 1860

Crocistethus Fieber, 1860: 84. Type species by subsequent designation (Oshanin, 1912: 3, as “*Waltli Fieb.*”): *Cydnus waltlianus* Fieber, 1837.

***Crocistethus aeneus* (Brullé, 1839)**

Cydnus aeneus Brullé, 1839: 81. LT (J.A. Lis, 1996d: 106): ♂, CI; MNHN.

Distr. NA: AG CI MO TU.

Note: The species was given in many papers as known also from SY, but there exist no original data for this species from the country. The record from Eastern Pyrenees (Sienkiewicz, 1964) was an error.

***Crocistethus basalis* (Fieber, 1861)**

Ochetostethus basalis Fieber, 1861: 366. ST(S): IT, Sicily.

Distr. EU: GR IT (Sicily) SP. **NA:** AG MO TU. **AS:** IS SY.

***Crocistethus major* Hsiao, 1977**

Crocistethus major Hsiao, 1977b: 50, 296. HT: ♀, CH (SW), Sichuan, Bao-xing County, Qiao-qi; NKUM.

Distr. AS: CH (SW).

***Crocistethus waltlianus* (Fieber, 1837)**

Cydnus waltlianus Fieber, 1837: 352. ST(S): ♀, SP.

Crocistethus waltli: Fieber, 1861: 365. Incorrect subsequent spelling.

Crocistethus aereus Fieber, 1861: 365 (syn. Puton, 1873: 23). ST(S): ♂, YU, Serbia.

Distr. EU: FR GR IT MA PO SP YU. **NA:** AG MO TU. **AS:** AT CY IQ IS JO SI SY.

Genus *Exosehirus* Wagner, 1963

Exosehirus Wagner, 1963a: 106. Type species by original designation: *Adomerus marginatus* Signoret, 1881.

***Exosehirus marginatus* (Signoret, 1881)**

Adomerus marginatus Signoret, 1881d: 656. ST(S): AT, Taurus Mts; NHMW.

Distr. AS: AT SY.

***Exosehirus sargon* Linnavuori, 1984**

Exosehirus sargon Linnavuori, 1984: 2. HT: ♂, IQ, Irbil, nr Salahuddin; AMNH.

Distr. AS: IQ.

***Exosehirus steini* (Signoret, 1884)**

Canthophorus steini Signoret, 1884c: 58. HT: ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMHB.

Distr. EU: RU (ST).

***Exosehirus validus* (Jakovlev, 1877)**

Gnathoconus validus Jakovlev, 1877a: 76. HT: ♀, IN, Shahkuh, nr Shahrud; ZMAS.

Distr. AS: AF AK IN IQ KI TD TM UZ.

Ref.: Hoberlandt, 1961 (redescr.).

Note: The record from MG was erroneous.

Genus *Lalervis* Signoret, 1881

Lalervis Signoret, 1881d: 656. Type species by monotypy: *Adomerus expansa* Signoret, 1881, Ethiopia.

Note: Froeschner (1960) regarded this genus as a synonym of *Sehirus*, Linnavuori (1993) as its subgenus, and J.A. Lis (1999a) as a separate genus.

***Lalervis tibialis* (Stål, 1854)**

Strachia tibialis Stål, 1854b: 221. STS: South Africa ("Caffraria") and Sudan (Nubia); NHRS.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Legnotus* Schiødte, 1848

Legnotus Schiødte, 1848: 464. Type species by subsequent designation (Stichel, 1935: 362): *Cimex limbosus* Geoffroy, 1785 (= *Cimex albomarginatus* Goeze, 1778).

Gnathoconus Fieber, 1860: 84 (syn. Stål, 1865c: 29). Type species by subsequent designation (Reuter, 1888a: 407): *Cimex albomarginatus* Goeze, 1778 (= *Cimex limbosus* Geoffroy, 1785).

Ref.: Magnien, 1999 (rev.).

***Legnotus fumigatus* (A. Costa, 1853)**

Cydnus fumigatus A. Costa, 1853: 55 [59]. LT (Carapezza et al., 1995: 283):

♂, IT, Caserta nr Naples; ZIUN.

Gnathoconus concolor Mulsant & Rey, 1866: 73 (syn. Puton, 1886a: 9). LT (J.A. Lis, 1996d: 105): ♂, FR, Saint-Raphaël; MNHN.

Legnotus similis Wagner, 1960a: 127 (syn. Magnien, 1999: 468). HT (see Aukema & Kerzhner, 2005: 70): ♂, FR, Pyrénées, Vallée de la Massané; ZMUH.

Distr. EU: AL AN BH BU CR FR GR IT MC PO? RO SP YU. NA: AG MO TU? AS: AB AT.

Ref.: Magnien, 2005 (distr.).

Note: Records from AU, CZ, KI, SK and RU (ST) were erroneous, but the record from AB proved to be correct (Magnien, 2005).

***Legnotus limbosus* (Geoffroy, 1785)**

Cimex albomarginatus Goeze, 1778: 250 (junior primary homonym of *Cimex albomarginatus* Schrank, 1776). For *Cimex* no. 72 in Geoffroy, 1762: 470. ST(S):

FR,

Paris; lost.

Cimex limbosus Geoffroy in Fourcroy, 1785: 217. Objective synonym of *albomarginatus* Goeze, 1778.

Cimex leucomelas Gmelin, 1790: 2160. Objective synonym of *albomarginatus* Goeze, 1778.

Cimex minimus Schrank, 1801: 77 (syn. Reuter, 1888a: 104). ST(S): GE, Gern; lost.

Pentatoma (Cydnus) notatum Schilling, 1844: 184 (syn. Reuter, 1888a: 104). HT: PL, Silesia, Landeck [= Ladek Zdrój]; lost.

Distr. EU: AL AU BE BH BU CR CZ DE ET FR GB GE GR HU IT LS LT LU MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG MO TU. AS: AB AK AR AT IN IS SY UZ.

Note: Schiødte (1848: 464) and Fieber (1861: 366) erroneously credited the authorship of *Cimex albomarginatus* to Fabricius.

***Legnotus pericarti* Magnien, 1999**

Legnotus pericarti Magnien, 1999: 470. HT: ♂, AT, Tatvan; MHNG.

Distr. AS: AR! AT.

***Legnotus picipes* (Fallén, 1807)**

Cydnus picipes Fallén, 1807: 54. HT: ♀, SV; MZLU.

Gnathoconus costalis Fieber, 1861: 366 (syn. Mulsant & Rey, 1866: 71). STS: AU, CZ (Bohemia) and IT.

Gnathoconus concolor var. *cyaneonitens* Ferrari, 1874: 124 (syn. Signoret, 1881d: 656). ST(S): IT, Liguria.

Distr. EU: AL AU BE BH BU? BY CR CZ DE EK EN FI FR GB GE HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: MO. AS: AB AK CH (NO NW) IN KI MG RU (ESWS) TD UZ.

Ref.: Halászfy, 1958 (larva); Putshkova, 1959 (egg).

Genus *Ochetostethus* Fieber, 1860

Ochetostethus Fieber, 1860: 84. Type species by subsequent designation (Oshanin, 1912: 3): *Cydnus nanus* Herrich-Schaeffer, 1834.

Ref.: Kerzhner, 1976 (tax., distr.).

***Ochetostethus balcanicus* Wagner, 1940**

Ochetostethus balcanicus Wagner, 1940a: 1. HT (see Aukema & Kerzhner, 2005: 71): GR, Kefallinia Is., Aenos [= Enos]; NHMW.

Distr. EU: AL BU CR ET FR GR IT MC RO? YU. **AS:** AT.

***Ochetostethus brachyscytus* Reuter, 1891**

Ochetostethus brachyscytus Reuter, 1891b: 138. HT: ♀, SI, Musa spring nr Suez; MZHF.

Distr. NA: AG EG MO. **AS:** SI.

***Ochetostethus corniger* Kerzhner, 1976**

Ochetostethus corniger Kerzhner, 1976: 39. HT: ♂, AK, Dzhezkazgan Prov., Koksengir Hills, 40 km S of Zhan-Ark station [= Atasu settlement]; ZMAS.

Distr. AS: AK.

***Ochetostethus kiritshenkoi* Medvedeva, 1972**

Ochetostethus kiritshenkoi Medvedeva, 1972: 380. HT: ♂, MG, Bayan-Khongor [= Bayanhongor] Aimak, western slope of Ikh-Bogdo-Ul range; ZMAS.

Distr. AS: MG.

***Ochetostethus melonii* Rizzotti Vlach, 2000**

Ochetostethus melonii Rizzotti Vlach, 2000: 71. HT: ♂, IT, Sardinia, Mt Gennargentu, Rif. Bruncu Spina; MRSN.

Distr. EU: IT (Sardinia).

***Ochetostethus nanus* (Herrich-Schaeffer, 1834)**

Cydnus nanus Herrich-Schaeffer, 1834: pl. 24 and legend. HT: SP; lost. NT (Kerzhner, 1976: 36): ♂, SP, Cordoba; ZMAS.

Distr. EU: BE FR PO SP.

Note: Species distributed in the south-western parts of the Mediterranean subregion; records from other European regions pertain to *O. opacus* (Scholtz). Records from AG EG MO most probably pertain to *O. perepelovi* Kerzhner and *O. tarsalis* Mulsant & Rey, as the records from TU do (Carapezza, 1997; Magnien, 2005).

***Ochetostethus opacus* (Scholtz, 1847)**

Cydnus opacus Scholtz, 1847: 158. ST(S): PL, Silesia, Karlowitz [= Wrocław-Karlowice]; lost.

Distr. EU: AL AU BH BU CR CZ EK FI GE GR HU IT LA LS LT MC MD NR PL RO RU (CT NT ST) SK SL SZ UK YU. **AS:** AB AF AK AR AT CH (NW) CY GG IN IQ IS KI LE RU (ES WS) SY TD UZ.

***Ochetostethus perepelovi* Kerzhner, 1976**

Ochetostethus perepelovi Kerzhner, 1976: 42. HT: ♂, MG, Bayan-Khongor Aimak, N slope of Tsagan-Bogdo-Ula Mt.; ZMAS.

Distr. NA: AG TU. **AS:** AK MG.

Ref.: Carapezza, 1997 (distr., tax.).

***Ochetostethus pygmaeus* (Rambur, 1839)**

Cydnus pygmaeus Rambur, 1839: 116. ST(S): ♀, SP, Andalusia, Saint-Roque; BMNH. *Ochetostethus insularis* Horváth, 1911c: 573 (syn. Horváth, 1919: 271). ST(S): ♀, CI, Tenerife; HNHM.

Distr. EU: FR IT PO SP. **NA:** AG CI LB MO TU.

Note: Records from RU (ST) were erroneous.

Ref.: Carapezza, 1997 (diagn. char.).

***Ochetostethus sahlbergi* Wagner, 1952**

Ochetostethus sahlbergi Wagner, 1952a: 42. HT: ♂, IS, Haifa; MZHF.

Distr. NA: EG. **AS:** AF? AT IN IS JO LE SY.

Note: Records from AF may represent *O. opacus*. Records from FR and SP are erroneous; records from IT and LB pertained to *O. nanus* and *O. tarsalis*; records from KI pertained to *O. opacus* (Kerzhner, 1976).

***Ochetostethus tarsalis* (Mulsant & Rey, 1852)**

Cydnus tarsalis Mulsant & Rey, 1852: 79. ST(S): FR; lost?

Cydnus cinnamomeus Garbiglietti, 1869: 46, 324 (syn. Kerzhner, 1976: 36). ST(S): IT, Sardinia; lost?

Distr. EU: FR IT SP. **NA:** AG CI LB MO TU. **AS:** IN SA.

Note: The name “*cinnamomeus*” published by Garbiglietti in the original description was an evident printing error, corrected in the index of the journal on page 324 (Kerzhner, 1976: 38).

Ref.: Carapezza, 1997 (distr., tax.).

Genus *Sehirus* Amyot & Serville, 1843

Sehirus Amyot & Serville, 1843: 96. Type species by subsequent designation (Reuter, 1888a: 414): *Cimex morio* Linnaeus, 1761.

***Sehirus aeneus* Walker, 1867**

Sehirus aeneus Walker, 1867b: 169. HT: MR; BMNH.

Distr. NA: MR.

***Sehirus cypriacus* Dohrn, 1860**

Sehirus cypriacus Dohrn, 1860b: 101. STS: CY; ZMPA (1ST, ♀).

Distr. AS: AT CY IS JO SY.

Ref.: J.A. Lis, 2001 (type).

***Sehirus dissimilis* Horváth, 1919**

Sehirus dissimilis Horváth, 1919: 267. LT (J.A. Lis, 1997a: 5): ♂, AT, Eibes; HNHN.

Distr. AS: AT.

***Sehirus horvathi* Reuter, 1900**

Sehirus horvathi Reuter, 1900c: 221. ST(S): ♀, TU, “ad flumen Medjerbah” [= Medjerdah]; MZHF.

Distr. NA: TU.

***Sehirus luctuosus* Mulsant & Rey, 1866**

Cydnus affinis var. *ibericus* Kolenati, 1846b: 69 (nomen oblitum; syn Kerzhner, 2003b: 95). ST(S): ♀, Iberia [= GG]; NHMW? (see Kerzhner, 2003b: 95).

Sehirus luctuosus Mulsant & Rey, 1866: 52. LT (J.A. Lis, 1996d: 105): ♂, FR; MNHN.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN FI FR GB GE GR HU IR IT LA LT LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU.

NA: AG. **AS:** AB AK AR AT GG KI MG RU (WS) TD.

Ref.: Putshkova, 1959 (egg).

***Sehirus morio* (Linnaeus, 1761)**

Cimex morio Linnaeus, 1761: 250. ST(S): SV; LSUK?

Cydnus affinis Herrich-Schaeffer, 1830a: pl. 8 and legend (syn. Mulsant & Rey, 1866: 49). ST(S): GE; lost.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK FR GE GR HU IT LA? LT LU MA

MC MD NL PL PO RO RU (CT ST) SK SP SV SZ UK YU. **NA:** AG CI LB MO
TU. **AS:** AB AK AR AT CY GG IN KI RU (ES WS) TD TM UZ.

Note: Data from GB refer to *S. luctuosus*.

***Sehirus ovatus* (Herrich-Schaeffer, 1840)**

Cydnus ovatus Herrich-Schaeffer, 1840a: 96. STS: Turkey and CR (Dalmatia); lost.

Distr. EU: AU BU CR CZ ET GR HU IT MD RO RU (ST) SK UK. **AS:** AB AK? AR
AT GG IS SY.

***Sehirus parens* Mulsant & Rey, 1866**

Sehirus parens Mulsant & Rey, 1866: 52. HT: ♂, RU (ST), Sarepta [= Krasnoarmeysk
nr Volgograd]; lost?

Distr. EU: CZ EK HU RO RU (ST) SK UK. **AS:** AB AF AK! CH (NW) KI RU (ES
WS) SY TD.

***Sehirus planiceps* Horváth, 1895**

Sehirus planiceps Horváth, 1895b: 128, 129. HT: ♀, Caucasus; HNHM.

Distr. EU: RU (ST: Caucasus). **AS:** GG.

***Sehirus robustus* Horváth, 1895**

Sehirus robustus Horváth, 1895b: 129, 130. LT (J.A. Lis, 1997a: 6): ♂, Caucasus;
HNHM.

Distr. AS: AB AR AT GG! IN IQ.

***Sehirus tibialis* Puton, 1892**

Sehirus biguttatus var. *tibialis* Puton, 1892b: 25 (upgraded by Horváth, 1907a: 293).
STS: ♂, ♀, AG, Edough; MNHN.

Sehirus biguttatus var. *fallax* Puton, 1894: 114 (syn. Horváth, 1907a: 293). ST(S): ♀,
AG, Edough; MNHN.

Distr. NA: AG.

***Sehirus xinjiangensis* Jorigtoo & Nonnaizab, 1995**

Sehirus xinjiangensis Jorigtoo & Nonnaizab, 1995: 219, 221. HT: ♂, CH (NW),
Xinjiang, Urumuqi; IMTU.

Distr. AS: CH (NW).

Genus *Singeria* Wagner, 1955

Singeria Wagner, 1955b: 58. Type species by original designation: *Singeria brevipennis*
Wagner, 1955.

***Singeria brevipennis* Wagner, 1955**

Singeria brevipennis Wagner, 1955b: 59. LT (Aukema & Kerzhner, 2005: 70): ♂, GR,
Kephallenia; ZMUH.

Distr. EU: GR.

Genus *Tritomegas* Amyot & Serville, 1843

Tritomegas Amyot & Serville, 1843: 98. Type species by subsequent designation (Reuter,
1888a: 415): *Cimex bicolor* Linnaeus, 1758.

Ref.: Kammerschen, 1986 (biol., distr, key, tax.).

***Tritomegas bicolor* (Linnaeus, 1758)**

Cimex bicolor Linnaeus, 1758: 446. ST(S): SV; LSUK?

Cimex nubilosa Harris, 1780: 90 (syn. Stephens, 1829: 338). ST(S): GB; lost.

Sehirus bicolor var. *immaculatus* Royer, 1922a: 66. HT: ♀, FR, Champagne-sur-Seine.

Canthophorus bicolor var. *kormilevi* Halászfy, 1954a: 127. HT (as Allotype): ♀, HU, Retyezát; HNHN.

Distr. EU: AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU.

NA: AG MO. **AS:** AB AK AR AT CH (NE NW) GG IS KI MG RU (ES FE WS) SY UZ.

Ref.: Halászfy, 1958 (larva); Leston & Southwood, 1954 (egg); Southwood, 1949 (biol., larva); Southwood & Hine, 1950 (biol., egg).

***Tritomegas delagrangei* (Puton, 1888)**

Sehirus bicolor var. *delagrangei* Puton, 1888a: 256 (upgraded by Horváth, 1901a: 471). STS: AT, Smyrne [= Izmir]; MNHN (not found).

Distr. AS: AB AT IS LE! SY.

***Tritomegas micans* (Horváth, 1899)**

Sehirus micans Horváth, 1899d: 83, 84. LT (J.A. Lis, 1997a: 5): ♀, IT, Sicily; HNHN.

Distr. EU: IT.

***Tritomegas rotundipennis* (Dohrn, 1862)**

Schirus [sic!] *rotundipennis* Dohrn, 1862: 211. LT (J.A. Lis, 1999a: 229): ♀, IT, Sicily; ZMPA.

Distr. EU: AU FR GE IT SL SP.

***Tritomegas sexmaculatus* (Rambur, 1839)**

Cydneus sexmaculatus Rambur, 1839: 110. STS: ♂, ♀, SP, Andalusia, Grenade [= Granada]; BMNH.

Distr. EU: AL AU BH BU CR CZ ET FR GE GR HU IT LS MC MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. **AS:** AB AR AT GG IN.

Ref.: Halászfy, 1958 (larva); Putshkova, 1959 (egg).

***Tritomegas theryi* (Lindberg, 1932)**

Sehirus theryi Lindberg, 1932: 3. HT: ♂, SP, Villalba, Madrid; MZHF.

Sehirus mutuus K. Schmidt, 1936: 47 (syn. Vidal, 1949: 41). STS: ♂, ♀, MO, Atlas Mts, Agrou.

Distr. EU: SP. **NA:** AG LB MO SP.

Family THYREOCORIDAE Amyot & Serville, 1843 – negro-bugs

J.A. Lis

The family for a long time has been treated as a subfamily within the Cydnidae. At present it has a family rank and it includes two subfamilies, namely Thyreocorinae (Old World) and Corimelaeninae (New World). The subfamily Thyreocorinae comprises only three genera (*Thyreocoris* Schrank, *Strombosoma* Amyot & Serville, and *Carrabas* Distant) with eight species, whereas Corimelaeninae includes approximately nine genera with 200 species.

World revision: McAtte & Malloch, 1933. Systematic position: Ahmad & Moizuddin, 1982.

Family THYREOCORIDAE Amyot & Serville, 1843

THYREOCORIDAE Amyot & Serville, 1843: 60 (Thyréocorides). Type genus:

Thyreocoris Schrank, 1801.

Extralimital subfamily: Corimelaeninae Uhler, 1872, New World.

Note: The type genus of the family was misidentified by Amyot & Serville (1843). The case has to be referred to the International Commission on Zoological Nomenclature for a ruling. *Eucoria marginipennis* Mulsant & Rey, 1865, described from FR (Marseille, 1♂) proved to be a junior synonym of the Nearctic *Corimelaena pulicaria* (Germar, 1839) (see Sailer, 1945: 131). It was accidentally introduced into FR. Records of this species from PO and SP (Vidal, 1949) were erroneous.

Subfamily THYREOCORINAE Amyot & Serville, 1843

Genus *Thyreocoris* Schrank, 1801

Thyreocoris Schrank, 1801: 46. Type species by subsequent designation (Reuter, 1888a: 415): *Cimex scarabaeoides* Linnaeus, 1758.

Coreomelas (non Amyot & Serville, 1843): McAtte & Malloch, 1933: 355.

Misidentification (see China, 1943: 219).

Ref.: Štys & Davidová, 1979 (key, tax.).

Thyreocoris balcanicus Schumacher, 1918

Thyreocoris balcanicus Schumacher, 1918b: 86. ST(S): MC, Neresi [= Nerezi] nr Üsküb [= Skopje]; lost?

Distr. EU: MC YU.

Ref.: Štys & Davidová, 1979 (as species dubia).

Thyreocoris fulvipennis (Dallas, 1851)

Corimelaena fulvipennis Dallas, 1851a: 58. LT (Štys & Davidová, 1979: 29, as HT): ♂, Demerara? [Georgetown in Guiana - erroneous]; BMNH.

Corimelaena fulvinervis Scott, 1870: 98 (syn. Štys & Davidová, 1979: 29). LT (Štys & Davidová, 1979: 29, as HT): ♀, SP; BMNH.

Distr. EU: AU BU CZ FR HU IT MC PO RO? SK SP YU. **NA:** AG MO.

Ref.: Štys & Davidová, 1979 (syst. pos.).

Thyreocoris ohridanus Kormilev, 1936

Thyreocoris balcanicus f. *ohridanus* Kormilev, 1936: 33 (upgraded by Štys & Davidová, 1979: 30). STS: MC, Ohrid; Museum of Natural History, Belgrade, YU.

Distr. EU: BU MC.

Ref.: Protić, 1981 (type mat.); Štys & Davidová, 1979 (biol., tax.).

[*Thyreocoris pakistanensis* Ahmad & Moizuddin, 1982

Thyreocoris pakistanensis Ahmad & Moizuddin, 1982: 2. HT: ♂, Pakistan, Sind, Karachi; Natural History Museum, University of Karachi, Pakistan.

Distr.: Pakistan]

***Thyreocoris scarabaeoides* (Linnaeus, 1758)**

Cimex scarabaeoides Linnaeus, 1758: 441. ST(S): no locality; LSUK?

Cimex sphaericus Goeze, 1778: 276 (syn. Harrer, 1784: 291). For *Cimex* sp. in

Schaeffer, 1776: pl. 210, fig. 3a, b. ST(S): GE, Ratisbona [= Regensburg]; lost.

Cimex tuberculatus (non Fabricius, 1781): Rossi, 1790: 229. Misidentification (see Illiger in Rossi, 1807: 365).

Corimelaena puncticollis Dallas, 1851a: 58 (syn. Fieber, 1861: 365). LT (Štys & Davidová, 1979: 28, as HT): ♂, EU?; BMNH.

Coreomelas nigratarsis Garbiglietti, 1869: 43 (syn. Puton, 1874b: 225). STS: IT, collibus Taurinensibus [= Turin]; lost.

Distr. EU: BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG MO. **AS:** AB AT IN RU (ES WS).

Ref.: Putshkova, 1959 (egg).

Family PLATASPIDAE Dallas, 1851

J. Davidová-Vilímová

The family includes 59 genera and at least 530 species described. The genera are classified in two subfamilies, Plataspinæ and Coptosomatinae, however, the systematic position of most of them is uncertain. The most abundant is genus *Coptosoma* with 280 species. Only three other genera include more than 10 species (*Brachyplatys*, *Libyaspis* and *Megacopta*), many genera are monotypic.

The Plataspidæ are distributed in the Eastern Hemisphere only (about erroneous records from America, see Froeschner, 1984); most of the species inhabit the tropics and subtropics, only the genus *Coptosoma* occurs in the temperate Palaearctics.

The representatives of Plataspidæ closely resemble beetles in their general body shape. They are mostly strongly convex, widely oval to ovoid, from 2 to 20 mm long, and the width can even exceed the length. The head shape is sexually dimorphic in some species, male mandibular plates protruding to form horns; the scutellum of all the Plataspidæ is conspicuously hypertrophied, covering the entire dorsum of the abdomen; the fore wings, which are longer than the abdomen, are folded under the scutellum through transverse constrictions.

Several tropical species are known to develop a true ootheca to cover the egg batches. *Coptosoma scutellatum*, common in the Western Palaearctics, is used as a model species to study the intestine bacterial endosymbiosis and the mode of endosymbiont transmission to the larvae (Carayon, 1949; H.J. Müller, 1956).

All the Plataspidæ are phytophagous, mostly oligophagous or polyphagous, sucking from the phloem of plants, shrubs and trees. Some species are known to be gregarious. The family includes many important pests of tropical cultivated plants, damaging mostly legumes in the Oriental and Australian Regions.

The suprageneric classification is still not established for all genera. Formerly, the African genera were classified in three "generic groups", *Brachyplatys*, *Coptosoma* and *Libyaspis* (Jessop, 1983). Ahmad (1990) and Ahmad & Moizuddin (1992) assigned in details the two subfamilies mentioned above (these authors erroneously used the name Brachyplatydinae for Plataspinæ and Plataspinæ for Coptosomatinae). However, the subfamilial classification has not yet been proposed for most of the genera.

The family Plataspidæ is characterized by combination of plesiomorphic and apomorphic characters. Its relationships and phylogeny still are not fully clear. The family was often classified close to the families Aphylidae, Canopidae, Lestoniidae, Megarididae and sometimes Scutelleridae, based particularly on enlarged scutellum (Schaefer, 1988). The Plataspidæ, together with the Cydnidae, are thought to be very probably a very early offshoot of the superfamily Pentatomoidea (Davidová-Vilímová & Štys, 1980).

World catalogues (all outdated): Lethierry & Severin, 1893; Bergroth, 1908d; Kirkaldy, 1909b. Palaearctic catalogues (all outdated): Oshanin, 1906-1910, 1912; Stichel, 1962b. Monographs: Vidal, 1949 (Western Palaearctics, outdated); Hsiao & Ren, 1977 (China); Davidová-Vilímová & Štys, 1980 (Western Palaearctics). Checklists: Hoffmann, 1935a (CH, outdated). Classification: Jessop, 1983; Ahmad, 1990; Ahmad & Moizuddin, 1992. Biology: Miller, 1971.

Family PLATASPIDAE Dallas, 1851

PLATASPIDAE Dallas, 1851a: 61. Type genus: *Plataspis* Westwood, 1837
(= *Brachyplatys* Boisduval, 1835).

BRACHYPLATIDAE Leston, 1952: 512. Type genus: *Brachyplatys* Boisduval, 1835.
Ref.: Ahmad, 1990 (tax.); Ahmad & Moizuddin, 1992 (tax.).
Note: The spelling Plataspidae (not Plataspididae), as being in prevailing usage, is accepted here in accordance with Art. 29.3.1.1 of the Code.

Subfamily PLATASPINAE Dallas, 1851

Genus *Brachyplatys* Boisduval, 1835

Platycephala Laporte, 1833: 73 (as subgenus of *Coptosoma*; junior homonym of *Platycephala* Fallén, 1820, Diptera; syn. A. White, 1839: 539). Type species by subsequent designation (Kuhlgatz, 1901: 205): *Platycephala metallica* Laporte, 1833, patria ignota.

Brachyplatys Boisduval, 1835: 627. Type species by monotypy: *Brachyplatys vanikorensis* Boisduval, 1835, Australian Region.

Plataspis Westwood, 1837: 16. New name for *Platycephala* Laporte, 1833.

Ref.: Ahmad, 1990 (tax.).

***Brachyplatys carolinae* Atkinson, 1889**

Brachyplatys silphoides (non Fabricius, 1794): Dallas, 1851a: 71; Walker, 1867b: 100. Misidentification (see Distant, 1899a: 214).

Brachyplatys carolinae Atkinson, 1889a: 341. ST(S): India, Sikkim, Mungphu; BMNH.

Distr. AS: CH (SE) TA. **EL:** India (Sikkim).

Ref.: Ahmad & Moizuddin, 1992 (key).

***Brachyplatys cyclops* Yang, 1934**

Brachyplatys cyclops Yang, 1934a: 153. HT: ♀, CH (CE), Kiangsi [= Jiangxi]; MNHN.

Distr. AS: CH (CE).

***Brachyplatys deplanatus* (Eschscholtz, 1822)**

Scutellera deplanata Eschscholtz, 1822: 102. ST(S): Philippines, Manila; coll. Eschscholtz (not located).

Thyreocoris complanata Burmeister, 1834a: 289 (syn. Stål, 1876: 6). STS: Philippines, Manila; ZMHB.

Plataspis scipio A. White, 1842b: 80 (syn. Dallas, 1851a: 70, with *complanatus*). ST(S): Philippines; BMNH? (not found).

Brachyplatys paucifera Walker, 1867b: 105 (syn. Distant, 1899a: 213). STS: Indonesia, (Aru) and New Guinea; BMNH.

Distr. AS: CH (SE). **EL:** Indonesia (Aru Is, Maluku Is), New Guinea, Philippines.

***Brachyplatys funebris* Distant, 1901**

Brachyplatys funebris Distant, 1901f: 235. STS: India, Assam, Sadia [= Sadiya]; BMNH.

Distr. AS: CH (CE SE SW WP). **EL:** India (Assam).

Ref.: Ahmad & Moizuddin, 1992 (key).

***Brachyplatys liturifrons* Walker, 1867**

Cimex silphoides Fabricius, 1794: 86 (junior primary homonym of *Cimex silphoides* Thunberg, 1783; syn. Distant, 1899a: 214). STS: India orientalis; ZMUC.

Cimex silpha Turton, 1802: 618 (nomen oblitum). New name for *silphoides* Fabricius, 1794.

Brachyplatys liturifrons Walker, 1867b: 102. HT: ♀, Malaysia, Sarawak; BMNH.

Distr. AS: CH (SE SW) TA. **EL:** Oriental Region.
Ref.: Ahmad & Moizuddin, 1992 (key).

***Brachyplatys punctipes* Montandon, 1894**

Brachyplatys punctipes Montandon, 1894a: 122. STS: ♂, ♀, Burma (Carin Mts, Carin Cheba [= Karennee]), India and Indonesia (Java); ISNB, MCSN, MNHN, MZHF.

Distr. AS: CH (SE SW). **EL:** Burma, India, Indonesia (Java)?

***Brachyplatys sexpunctatus* Lin & Zhang, 1993**

Brachyplatys sexpunctatus Lin & Zhang, 1993a: 107, 139. HT: ♀, CH (SE), Fujian, Jiangxi; IZAS.

Distr. AS: CH (SE).

***Brachyplatys subaeneus* (Westwood, 1837)**

Plataspis subaenea Westwood, 1837: 17. ST(S): India, Bengal; OXUM.

Thyreocoris septus Germar, 1839: 32 (syn. Dallas, 1851a: 70). ST(S): Indonesia, Java; ZMUL? (not found).

Brachyplatys crux Vollenhoven, 1863: 54 (syn. Breddin, 1900c: 275). HT: ♀, Indonesia, Sumatra; RMNH.

Brachyplatys pauper Vollenhoven, 1863: 54 (syn. Stål, 1876: 8, suspected; Breddin, 1900c: 275). STS: ♂, ♀, Indonesia (Java, Ternate and Celebes [= Sulawesi]); RMNH.

Brachyplatys adjuncta Walker, 1867b: 101 (syn. Distant, 1899a: 213). HT: ♂, Burma; BMNH.

Brachyplatys bistriga Walker, 1867b: 100 (syn. Distant, 1899a: 213). HT: ♀, India, Bangalore; BMNH.

Brachyplatys cambodica Walker, 1867b: 101 (syn. Distant, 1899a: 213). STS: Cambodia and Thailand; BMNH.

Brachyplatys cognata Walker, 1867b: 101 (syn. Distant, 1899a: 213). STS: Burma; BMNH.

Brachyplatys contigua Walker, 1867b: 103 (syn. Distant, 1899a: 213). STS: Indonesia, Celebes [= Sulawesi]; BMNH.

Brachyplatys quinquepunctata Walker, 1867b: 103 (syn. Distant, 1899a: 214, with *pauper*). HT: Indonesia, Sumatra; BMNH.

Brachyplatys subaeneus var. *intermedia* Breddin, 1900c: 275. STS: Indonesia (Sumatra (Soekaranda), Java), Malaysia (Borneo, Mt Kina Balu and Banguey [= Banggi Is.]) and Philippines (Balabac); DEIC? (not found).

Distr. AS: CH (SE SW) JA (Ryukyus) TA. **EL:** Oriental Region.

Ref.: Ahmad & Moizuddin, 1992 (descr., key).

***Brachyplatys vahlü vahlü* (Fabricius, 1787)**

Cimex vahlü Fabricius, 1787: 283. STS: India orientalis; ZMUC.

Brachyplatys radians Vollenhoven, 1863: 53 (syn. Vollenhoven, 1863: 53, suspected; Kirkaldy, 1909b: 326). STS: ♀, Indonesia, Celebes [= Sulawesi], Gorontalo; RMNH.

Brachyplatys continua Walker, 1867b: 104 (syn. Distant, 1899a: 214). HT: ♂, Indonesia, Seram; BMNH.

Brachyplatys frontalis Walker, 1867b: 106 (syn. Distant, 1899a: 214). HT: ♀, Indonesia, Banda Is; BMNH.

Distr. AS: CH (CE SE) JA (Ryukyus). **EL:** Oriental Region.

***Brachyplatys vahlii similis* Hsiao & Ren, 1977**

Brachyplatys vahlii similis Hsiao & Ren, 1977: 17, 292. HT: ♂, CH (SE), Fujian, Fuzhou; NKUM.

Distr. AS: CH (SE).

Genus *Neotiarocoris* Lin & Zhang, 1993

Neotiarocoris Lin & Zhang, 1993b: 183, 185. Type species by original designation: *Neotiarocoris leishanensis* Lin & Zhang, 1993.

***Neotiarocoris leishanensis* Lin & Zhang, 1993**

Neotiarocoris leishanensis Lin & Zhang, 1993b: 184, 185. HT: ♂, CH (SW), Guizhou, Leigong, Mt Leishan; IZAS.

Distr. AS: CH (SW).

Genus *Ponsilasia* Heinze, 1934

Ponsilasia Heinze, 1934: 283. Type species by original designation: *Ponsilasia formosana* Heinze, 1934.

Aponsila Hsiao & Ren, 1977: 15, 19, 292 (syn. Xue & G.Q. Liu, 2002a: 96, 99). Type species by original designation: *Aponsila cycloceps* Hsiao & Ren, 1977.

***Ponsilasia cycloceps* (Hsiao & Ren, 1977)**

Aponsila cycloceps Hsiao & Ren, 1977: 19, 293. HT: ♂, CH (SE), Guangxi, Longsheng County; NKUM.

Distr. AS: CH (CE SE SW WP).

***Ponsilasia formosana* Heinze, 1934**

Ponsilasia formosana Heinze, 1934: 285. HT: ♂, TA, Hoozan; ZMHB.

Distr. AS: TA.

Ref.: Xue & G.Q. Liu, 2002a (figs).

***Ponsilasia montana* (Distant, 1901)**

Ponsila montana Distant, 1901f: 234. ST(S): India, Assam, Naga Hills; BMNH (1 ST without abdomen).

Coptosoma maculiceps Yang, 1934b: 112 (syn. Hsiao & Ren, 1977: 293). HT: ♀, Vietnam, Hoa-Binh; MNHN.

Distr. AS: CH (CE SE SW WP). **EL:** India (Assam), Vietnam.

Ref.: Heinze, 1934 (*Ponsilasia*); Hsiao & Ren, 1977 (*Aponsila*); Xue & G.Q. Liu, 2002a (*Ponsilasia*).

***Ponsilasia yunnanensis* Xue & G.Q. Liu, 2002**

Ponsilasia yunnanensis Xue & G.Q. Liu, 2002a: 97, 98, 100. HT: ♂, CH (SW), Yunnan, Simao; IZAS.

Distr. AS: CH (SE SW).

Genus *Tiarocoris* Vollenhoven, 1863

Tiarocoris Vollenhoven, 1863: 51. Type species by monotypy: *Tiarocoris sumatranus* Vollenhoven, 1863, Oriental Region.

Ref.: Ahmad, 1990 (tax.).

***Tiarocoris consertus* Distant, 1901**

Tiarocoris consertus Distant, 1901f: 235. ST(S): ♀, Burma, Ruby Mines; BMNH.

Distr. AS: TA. **EL:** Burma.

Subfamily COPTOSOMATINAE Kirkaldy, 1909

COPTOSOMATINAE Kirkaldy, 1909b: 1, 316 (Coptosominae) Type genus: *Coptosoma* Laporte, 1833.

Genus *Calacta* Stål, 1865

Calacta Stål, 1865b: 163. Type species by subsequent designation (Kirkaldy, 1909b: xxxvi): *Calacta lugubris* Stål, 1865.

Calacta lugubris Stål, 1865

Calacta lugubris Stål, 1865b: 163. ST(S): ♂, CH (SE), Hong Kong; BMNH.

Distr. AS: CH (SE).

Genus *Coptosoma* Laporte, 1833

Coptosoma Laporte, 1833: 67, 73. Type species by monotypy: *Cimex scutellatus* Geoffroy, 1785.

Globocoris Hahn, 1834: 40 (syn. Herrich-Schaeffer, 1835a: 88). Type species by monotypy: *Cimex globus* Fabricius, 1794 (= *Cimex scutellatus* Geoffroy, 1785).

Ref.: Davidová-Vilimová & Štys, 1980 (rev. West Palaearctic spp.).

Note: Cachan (1952) divided the genus *Coptosoma* into four subgenera, *Coptosoma*, *Neocoptosoma*, *Paracoptosoma* and *Procoptosoma*. However, he only classified the species from Madagascar and later authors did not follow his classification. Stichel (1962a: 777) based on Hoffmann (1932) erroneously cited from CH *C. aciculatum* Montandon, 1896 and *C. amplexum* Montandon, 1896 described from North Vietnam.

Coptosoma arabicum Linnavuori, 1977

Coptosoma arabicum Linnavuori, 1977: 78. HT: ♂, YE, Dhala; AMNH.

Distr. AS: YE.

Coptosoma belmonti Piton, 1940

Coptosoma belmonti Piton, 1940: 44. STS: ♂, ♀, CH (SW), Yunnan, Siao-Pou-Tsi [= Siao-Lou-Tsi]; coll. Piton (not located).

Distr. AS: CH (SW).

Coptosoma bicuspis Hsiao & Ren, 1977

Coptosoma bicuspis Hsiao & Ren, 1977: 30, 295. HT: ♂, CH (SE), Fujian, Shao-wu County; NKUM.

Distr. AS: CH (CE SE).

Coptosoma bifarium Montandon, 1897

Coptosoma bifarium Montandon, 1897b: 450. STS: ♂, ♀, CH (CE), Ngan Hoei [= Anhui] and CH (SW), Thibet, Moupin [= Sichuan, Bao-xing]; MNHN.

Distr. AS: CH (CE NO SE SW WP) KO.

Ref.: Kim & Lee, 1993 (spermatheca).

Coptosoma biguttulum Motschulsky, 1860

Coptosoma biguttula Motschulsky, 1860a: 501. LT (Kerzhner & Jansson, 1985: 41): ♂, RU (FE), Amur; ZMUM.

Distr. AS: CH (NE NO) JA KO RU (FE).

Ref.: Josifov & Kerzhner, 1978 (figs); Kerzhner & Jansson, 1985 (nomencl.); Xue & G.Q. Liu, 2002b (male genitalia).

Note: Montandon (1896a: 130) suggested *Coptosoma chinense* Signoret, 1881 as a junior synonym of *C. biguttulum*, but Josifov & Kerzhner (1978) validated the species *C. chinense*. Part of the type material of *C. biguttulum* belongs to *C.*

capitatum Jakovlev, 1880 (Kerzhner & Jansson, 1985), both valid species.
Most records of *C. biguttulum* from CH probably concern *C. chinense* (Kerzhner, 2003a: 104).

***Coptosoma binota* Yang, 1934**

Coptosoma binota Yang, 1934a: 160, 197. STS: ♂, ♀, CH (SW), Sé-Tchouen [= Sichuan], Siao-Lou [between Ya'an and Kangding]; MNHN.

Distr. AS: CH (SW).

***Coptosoma bipunctatum* Ahmad & Moizuddin, 1992**

Coptosoma bipunctatum Ahmad & Moizuddin, 1992: 21. HT: ♂, Bangladesh, Srimangal; Department of Zoology, University of Karachi, Karachi, Pakistan.

Distr. AS: CH (NO SW).

***Coptosoma breviceps* Horváth, 1879**

Coptosoma breviceps Horváth, 1879: 142. ST(S): ♀, CH (CE), Zhejiang, Ningpo [= Ningbo]; HNHM.

Distr. AS: CH (CE).

***Coptosoma breviculum* Montandon, 1897**

Coptosoma breviculum Montandon, 1897b: 461. LT (Yang, 1934a: 206, as “typical specimen”): ♀, CH (SW), Sé-Tchouen [= Sichuan]; MNHN.

Distr. AS: CH (SW).

***Coptosoma capitatum* Jakovlev, 1880**

Coptosoma capitatum Jakovlev, 1880a: 200. LT (Derzhansky et al., 2002: 363): ♂, RU (FE), Amur; ZMAS.

Distr. AS: CH (CE NE NO) JA KO RU (FE).

Ref.: Josifov & Kerzhner, 1978 (morph.).

Note: Miyamoto (1972) transferred *Coptosoma capitatum* to *Tiarocoris*, but Josifov & Kerzhner (1978) returned it to *Coptosoma*. Kerzhner & Jansson (1985) distinguished in the type material, originally labelled as *Coptosoma biguttula* Motschulsky, 1860, the paralectotypes of *Coptosoma capitatum*. Both the species, *Coptosoma biguttulum* and *Coptosoma capitatum*, are accepted as valid (Kerzhner & Jansson, 1985).

***Coptosoma chekianum* Yang, 1934**

Coptosoma chekiana Yang, 1934a: 158, 202. STS: ♂, ♀, CH (CE), Chekiang [= Zhejiang], Hangchow [= Hangzhou]; MNHN.

Distr. AS: CH (CE NO SE SW).

***Coptosoma chinense* Signoret, 1881**

Coptosoma chinense Signoret, 1881a: 46. STS: ♂, CH; NHMW.

Distr. AS: CH (NE NO SW) JA KO RU (FE).

Ref.: Josifov & Kerzhner, 1978 (figs); Kerzhner, 2003a (distr.); Xue & G.Q. Liu, 2002b (male genitalia).

Note: Montandon (1896a: 130) synonymized *Coptosoma chinense* with *C. biguttulum* Motschulsky, 1860, but Josifov & Kerzhner (1978) restored the species.

***Coptosoma cinctum* (Eschscholtz, 1822)**

Scutellera cincta Eschscholtz, 1822: 105. STS: ♂, ♀, Philippines, Manila; coll. Eschscholtz (not located).

Thyreocoris seminulum Burmeister, 1834a: 290 (syn. Germar, 1839: 27). HT: ♂, Philippines, Manila; ZMHB.

Distr. AS: CH (CE). **EL:** Oriental Region.

Note: Herrich-Schaeffer (1839a: 108) considered *Coptosoma variegata* Herrich-Schaeffer, 1838 a junior synonym of *C. cinctum*.

***Coptosoma cornutum* Xue & G.Q. Liu, 2002**

Coptosoma cornutum Xue & G.Q. Liu, 2002b: 750. HT: ♂, CH (WP), Xizang, Hongweicun, Chayu; NKUM.

Distr. AS: CH (WP).

***Coptosoma costale* Stål, 1854**

Coptosoma costale Stål, 1854b: 212. LT (Davidová-Vilímová & Štys, 1980: 63, as HT): ♂, South Africa, “Caffraria” (probably mislabelled); NHRS.

Distr. AS: AT CY LE SY.

Ref.: Davidová-Vilímová & Štys, 1980 (descr., key).

***Coptosoma davidi* Montandon, 1897**

Coptosoma davidi Montandon, 1897b: 460. HT: ♀, CH (SW), Sé-Tchouen [= Sichuan]; MNHN.

Distr. AS: CH (CE NO SE SW WP).

Ref.: Lin & Zhang, 1992, 1993b (descr.).

***Coptosoma dianqianum* Xue & G.Q. Liu, 2002**

Coptosoma dianqianum Xue & G.Q. Liu, 2002b: 751. HT: ♂, CH (SW), Guizhou, Qiannanzhou; NKUM.

Distr. AS: CH (SW).

***Coptosoma distigma* Montandon, 1896**

Coptosoma distigma Montandon, 1896b: 441. STS: ♀, India; BMNH, MNHN.

Distr. AS: TA. **EL:** India.

***Coptosoma excoffieri* Montandon, 1899**

Coptosoma excoffieri Montandon, 1899: 79. STS: ♂, ♀, CH (SW), Yunnan; MNHN.

Distr. AS: CH (SW).

***Coptosoma fidiceps* Hsiao & Ren, 1977**

Coptosoma fidiceps Hsiao & Ren, 1977: 30, 295. HT: ♂, CH (SW), Sichuan, Dan-ba County; NKUM.

Distr. AS: CH (NO SW).

***Coptosoma flavidum* Hsiao & Ren, 1977**

Coptosoma flavida Hsiao & Ren, 1977: 33, 295. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Mengah; TMNH.

Distr. AS: CH (SE SW).

***Coptosoma gyirongna* Zhang & Lin, 1981**

Coptosoma gyirongna Zhang & Lin, 1981: 134, 142. HT: ♂, CH (WP), Xizang, Gyirong; IZAS.

Distr. AS: CH (WP).

***Coptosoma intermedium* Yang, 1934**

Coptosoma intermedia Yang, 1934a: 160, 179. STS: ♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou], Pin-Fa [= Pinba]; MNHN.

Coptosoma intermedia var. *yunnanensis* Yang, 1934a: 182. HT: ♀, Vietnam, Tonkin, Hoa-Binh; MNHN.

Distr. AS: CH (CE NO SE SW WP). **EL:** Vietnam.

***Coptosoma japonicum* Matsumura, 1913**

Coptosoma japonicum Matsumura, 1913: 104. STS: ♀, JA, Honshu and Kyushu; EIHU.

Distr. AS: CH (SE) JA.

Ref.: Kim & Lee, 1993 (spermatheca); Miyamoto & Hidaka, 1965 (descr., fig.).

***Coptosoma josuae* Horváth, 1903**

Coptosoma josuae Horváth, 1903b: 400. LT (Davidová-Vilímová & Štys, 1980: 70): ♀, IS, Jericho; HNHN.

Distr. AS: IS.

Ref.: Davidová-Vilímová & Štys, 1980 (descr., key).

***Coptosoma lascivum* Bergroth, 1892**

Coptosoma lascivum Bergroth, 1892a: 173. ST(S): ♂, CH, “Hyen-hang-li”; MZHF.

Coptosoma lunata Ren, 1984d: 93, 95 (syn. Ren, 2000: 32, 38). HT: ♂, CH (SW), Yunnan, Mengla; NKUM.

Distr. AS: CH (CE NO SE SW). **EL:** Burma, Indonesia (Engano Pulan Is., Sumatra), Vietnam.

***Coptosoma limbatellum* Stål, 1854**

Coptosoma limbatellum Stål, 1854b: 212. LT (Linnavuori, 1977: 78, as “type”): ♀, South Africa, “Caffraria”; NHRS.

Distr. AS: YE. **EL:** tropical Africa.

***Coptosoma maura maura* Vidal, 1938**

Coptosoma maura Vidal, 1938: 516. LT (Davidová-Vilímová & Štys, 1980: 81): ♀, MO, Ifrane; MNHN.

Distr. NA: MO.

Ref.: Davidová-Vilímová & Štys, 1980 (descr., key, tax.).

***Coptosoma maura seidenstueckeri* Davidová-Vilímová & Štys, 1980**

Coptosoma maurum seidenstueckeri Davidová-Vilímová & Štys, 1980: 75. HT: ♂, AT, Belen nr Amanus; ZSMC.

Distr. AS: AT.

***Coptosoma minutum* Ren, 1984**

Coptosoma minuta Ren, 1984a: 93, 95. HT: ♂, CH (SE), Guangdong, Guangzhou; NKUM.

Distr. AS: CH (SE).

***Coptosoma montanum* Hsiao & Ren, 1977**

Coptosoma montana Hsiao & Ren, 1977: 34, 295. HT: ♂, CH (CE), Jiangxi, Mt Lushan, Gulin; TMNH.

Distr. AS: CH (CE NO).

***Coptosoma mucronatum* Seidenstücker, 1963**

Coptosoma mucronatum Seidenstücker, 1963: 157. HT: ♂, AT, Cubukbaraji nr Ankara; ZSMC.

Distr. EU: BU HU RO SK RU (ST). **AS:** AK AT.

Ref.: Čapek & Davidová-Vilímová, 1978 (parasitation); Davidová-Vilímová & Štys, 1980 (descr., key).

***Coptosoma mundum* Bergroth, 1892**

Coptosoma mundum Bergroth, 1892a: 172. STS: ♂, ♀, CH, Hyen-hang-li; MZHF.

Distr. AS: CH (CE NO SE SW).

***Coptosoma nigrellum* Hsiao & Ren, 1977**

Coptosoma nigrella Hsiao & Ren, 1977: 29, 295. HT: ♂, CH (SE), Fujian, Chun-an County, San-gang; NKUM.

Distr. AS: CH (CE NO SE SW).

***Coptosoma nigricolor* Montandon, 1896**

Coptosoma nigricolor Montandon, 1896b: 437. STS: ♀, Indonesia, Java; MNHN.

Distr. AS: CH (CE SE SW). **EL:** Indonesia (Java).

***Coptosoma notabile* Montandon, 1894**

Coptosoma notabile Montandon, 1894b: 278. HT: ♀, CH; HNHN.

Distr. AS: CH (CE NO SE SW WP)

***Coptosoma noualhieri* Montandon, 1896**

Coptosoma noualhieri Montandon, 1896b: 439. STS: ♂, ♀, India, Pulney Hills; BMNH, ISNB, MNHN.

Coptosoma noualhieri var. *obscuratum* Montandon, 1896b: 441. STS: ♂, ♀, India, Barway; ISNB.

Distr. AS: CH (SE). **EL:** Oriental Region.

***Coptosoma parvipictum* Montandon, 1892**

Coptosoma parvipictum Montandon, 1892: 281. STS: ♂, ♀, CH (CE), Ngan-Hoei [= Anhui], Ho-Chan [= Hejiang]; BMNH, ISNB, MGAB.

Distr. AS: CH (CE SE SW) JA KO.

***Coptosoma pervulgatum* Xue & G.Q. Liu, 2002**

Coptosoma pervulgatum Xue & G.Q. Liu, 2002b: 752. HT: ♂, CH (SE), Fujian, Huangkeng, Jianyang; NKUM.

Distr. AS: CH (CE SE SW).

***Coptosoma pinfa* Yang, 1934**

Coptosoma pinfa Yang, 1934a: 159, 203. HT: ♀, CH (SW), Kouy-Tchéou [= Guizhou], Pin-fa [= Pinba]; MNHN.

Distr. AS: CH (SE SW).

***Coptosoma prolaticeps* Montandon, 1896**

Coptosoma prolaticeps Montandon, 1896b: 435. STS: ♂, ♀, CH (CE), Ngan-Hoei [= Anhui], Ho-chan [= Hejiang]; MNHN.

Distr. AS: CH (CE SE)

***Coptosoma pulchellum* Montandon, 1894**

Coptosoma pulchellum Montandon, 1894a: 136. STS: ♂, ♀, Burma, Carin Mts, Carin Cheba [= Karennee]; MCSN.

Coptosoma pulchellum var. *discinctum* Montandon, 1896a: 118. HT: ♂, CH; MNHN?

Coptosoma pulchellum var. *omnimodum* Montandon, 1896a: 118. STS: India, Pulney Hills; MNHN.

Coptosoma pulchellum var. *impeditum* Montandon, 1896a: 119. STS: ♂, ♀, Indonesia, Java; MNHN?

Coptosoma pulchella var. *flavomarginata* Yang, 1934a: 187 (188 as *flavomargiata*). HT: ♂, CH (SW), Sé-Tchouen [= Sichuan], Ta-Siao-lao [= Kangding]; MNHN.

Distr. AS: CH (CE NO SE SW WP). **EL:** Burma, India, Indonesia (Java).

***Coptosoma putoni* Montandon, 1898**

Coptosoma putoni Montandon, 1898: 206. STS: ♀, AT, Akbès [= Maidan Ikbiz];

MNHN.

Distr. AS: AT.

Ref.: Davidová-Vilímová & Štys, 1980 (descr., key).

[*Coptosoma rabieri* Montandon, 1897

Coptosoma rabieri Montandon, 1897b: 458. LT (Yang, 1934a: 206, as “type”): ♀, Vietnam, Song-Chai Mts; MNHN.

Distr.: Indonesia (Sumatra)?, Vietnam.

Note: The species was described from an area near the Chinese border, but there are no confirmed records from CH.]

***Coptosoma raunoi* Davidová-Vilímová & Štys, 1980**

Coptosoma raunoi Davidová-Vilímová & Štys, 1980: 97. HT: ♂, IS, Jaffa; ZMHB.

Distr. AS: IS.

***Coptosoma sandahli* Reuter, 1881**

Coptosoma sandahli Reuter, 1881c: 155. LT (Davidová-Vilímová & Štys, 1980: 101):

♂, EG; NHRS.

Coptosoma timbaktuensis Jensen-Haarup, 1931a: 333 (syn. Davidová-Vilímová & Štys, 1980: 101). LT (Davidová-Vilímová & Štys, 1980: 102): ♂, Mali, Timbuktu; ZMUC.

Distr. EU: IT (Sicily). **NA:** EG. **AS:** SA. **EL:** Mali, Sudan.

Ref.: Davidová-Vilímová & Štys, 1980 (descr., key).

***Coptosoma scutellatum* (Geoffroy, 1785)**

Cimex scarabaeoides (non Linnaeus, 1758): Sulzer, 1761: 26. Misidentification (see Reuter, 1888a: 75).

Cimex scutellatus Geoffroy in Fourcroy, 1785: 195. For *Cimex* no. 2 in Geoffroy, 1762: 435. STS: FR, Fontainebleau; lost.

Cimex globus Fabricius, 1794: 88 (syn. Latreille, 1804: 183; Reuter, 1884b: 23). STS: EU (south); ZMUC (see Zimsen, 1964).

Coptosoma dilatata Motschulsky, 1860a: 501 (syn. Jakovlev, 1880: 202, with *globus*). LT (Kerzhner & Jansson, 1985: 42): ♀, RU (FE), Amur; ZMUM.

Coptosoma anatolica Horváth, 1883a: 21 (syn. Montandon, 1896a: 131). LT (Štys in Davidová-Vilímová & Štys, 1980: 110): ♂, AT, Anatolia, Brussa [= Bursa]; HNHN.

Coptosoma scutellatum f. *violacea* Davidová-Vilímová & Štys, 1980: 117 (unavailable name). STS: ♂, GE, Württemberg, Schurwald nr Schorndorf; KUPC, ZMHB.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK ET FR GE GR HU IT LA LS LT LU MC MD NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AR AT CH (NE NO NW) GG JA KI KO MG RU (ES FE WS). **NA:** AG.

Ref.: Čapek & Davidová-Vilímová, 1978 (parasitism); Davidová-Vilímová, 1992 (key to larvae, ontogeny); Davidová-Vilímová & Štys, 1982 (bionomy, host plants); V.G. Putshkov, 1961 (descr., ecol., larvae); V.G. Putshkov & Putshkova, 1956 (egg, larvae); Schneider, 1940 (egg, endosymbiosis, larvae); Schumacher, 1915 (bionomy, host plants, egg); Seidenstücker, 1963 (descr., host plants).

***Coptosoma seguyi* Yang, 1934**

Coptosoma seguyi Yang, 1934a: 160, 198. HT: ♂, CH (NO), Peking [= Beijing]; MNHN.

Distr. AS: CH (NO).

***Coptosoma semiflavum* Jakovlev, 1890**

Coptosoma semiflavum Jakovlev, 1890: 541. LT (Derzhansky et al. 2002: 363): ♀, CH

- (SW), Sichuan, between I-tan and Shui-dzhin-pu; ZMAS.
Distr. AS: CH (CE SE SW) JA KO.
- Coptosoma simillimum* Hsiao & Ren, 1977**
Coptosoma simillima Hsiao & Ren, 1977: 38, 295. HT: ♂, CH (SE), Fujian, Fuzhou, Gu-shan; NKUM.
Distr. AS: CH (CE NO SE SW WP).
- Coptosoma sordidulum* Montandon, 1892**
Coptosoma sordidulum Montandon, 1892: 283. STS: ♀, CH (CE), Ngan-Hoei [= Anhui], Ho-Chan [= Hejiang]; BMNH.
Distr. AS: CH (CE NO SE SW).
- Coptosoma sphaerula* (Germar, 1839)**
Thyreocoris sphaerula Germar, 1839: 25. ST(S): Indonesia, Java; ZMUL.
Coptosoma sphaerulum var. *illuminatum* Montandon, 1896b: 450. STS: ♂, India, Barway; BMNH, ISNB.
Distr. AS: CH (SE) JA (Ryukyus). **EL:** Australia, Burma, India, Indonesia (Java).
Note: Distant (1899a) synonymized *Coptosoma bellulum* Walker, 1867, *C. concinnulum* Walker, 1867, *C. inclusum* Walker, 1867, *C. pygmaeum* Montandon, 1896, *C. saundersi* Lethierry & Severin, 1893, and *C. siamicum* Walker, 1867 with *C. sphaerula*. Later, Distant (1901f) concluded that all the names are synonyms, with the oldest one, *Coptosoma siamicum*, valid. The latter, however, is not identical with *C. sphaerula*. Yang (1934a) synonymized *C. siamicum* with *C. variegatum* Herrich-Schaeffer, 1838. *Coptosoma microstigma* was synonymized with *C. sphaerula* by Distant (1899a), but later not cited by him (Distant, 1901f, 1902a) in synonymy of neither *C. sphaerula* nor *C. siamicum*.
- Coptosoma stali stali* Montandon, 1896**
Coptosoma stali Montandon, 1896a: 127. LT (Linnavuori, 1977: 76, as “type”): ♂, Nigeria (“Vieux Calabar”); NHRS.
Coptosoma puncticeps Montandon, 1896a: 129 (syn. Synave, 1969: 10; Linnavuori, 1977: 75). LT (Synave, 1969: 10): ♀, Zaire, waterfall Samlia on river N. Gamie; ISNB.
Distr. AS: YE. **EL:** tropical Africa.
 Extralimital subspecies: *Coptosoma stali mixtum* Schouteden, 1917, Zaire; *Coptosoma stali geminum* Linnavuori, 1977, Ethiopia; *Coptosoma stali interruptum* Linnavuori, 1977, Sudan.
- Coptosoma triangulum* Yang, 1934**
Coptosoma triangula Yang, 1934a: 159, 194. HT: ♀, CH (SW), Guizhou, Ganchouen Fou, Anshunfu [= Anshun]; MNHN.
Distr. AS: CH (SW).
- Coptosoma tripolitanum* Bergroth, 1890**
Coptosoma tripolitanum Bergroth, 1890a: 355. LT (Davidová-Vilímová & Štys, 1980: 119, as HT): ♂, LB, Tripoli; MZHF.
Distr. NA: LB.
Ref.: Davidová-Vilímová & Štys, 1980 (descr., key).
- Coptosoma tuberculatum* Ren, 1984**
Coptosoma tuberculata Ren, 1984d: 92, 95. HT: ♂, CH (SW), Yunnan, Mengla County; NKUM.
Distr. AS: CH (SW).

***Coptosoma variegatum* (Herrich-Schaeffer, 1838)**

Thyreocoris variegatus Herrich-Schaeffer, 1838: 83. ST(S): ♂, locality not given; lost? (see Kerzhner & Jansson, 1985: 41, but probably 1 ST in ZMHB).

Coptosoma siamica Walker, 1867b: 89 (syn. Yang, 1934a: 217). HT: ♂, Siam [= Thailand]; BMNH.

Coptosoma bellula Walker, 1867b: 94 (syn. Distant, 1901f: 240, with *siamica*). HT: ♀, Indonesia, Celebes [= Sulawesi]; BMNH.

Coptosoma concinnula Walker, 1867b: 94 (syn. Distant, 1901f: 240, with *siamica*). STS: Indonesia (Ternate) and New Guinea; BMNH.

Coptosoma blandula Walker, 1867b: 96 (syn. Distant, 1903a: 225, with *siamica*). HT: ♀, Indonesia, Sula Is; BMNH.

Coptosoma inclusa Walker, 1867b: 95 (junior primary homonym of *Coptosoma inclusum* Stål, 1865; syn. Distant, 1901f: 240, with *siamicum*). HT: ♀, Indonesia, Celebes [= Sulawesi]; BMNH.

Coptosoma orbicula Walker, 1867b: 91 (syn. Distant, 1903a: 225, with *siamica*). HT: ♀, Indonesia, Borneo; BMNH.

Coptosoma microstigma Walker, 1868: 525 (syn. Kuhlitz, 1901: 221, with *pygmaeum*). HT: ♀, Indonesia, Kaisaa [= Kai Is]; BMNH.

Coptosoma saundersi Lethierry & Severin, 1893: 9. New name for *inclusa* Walker, 1867.

Coptosoma bilineatum Montandon, 1894b: 274 (syn. Yang, 1934a: 217). HT: ♀, CH; NHMW.

Coptosoma pygmaeum Montandon, 1896a: 120 (syn. Distant, 1901f: 240, with *siamica*). STS: ♂, ♀, Ceylon [= Sri Lanka], Malaysia (Penang Is.), India (Calcutta) and Indonesia (Java); BMNH, MCSN, NHRS.

Coptosoma perplexum Montandon, 1896a: 123 (syn. Yang, 1934a: 217). STS: ♀, Indonesia, Java and Sumatra (Pea Ragia); MCSN, MNHN.

Coptosoma vollenhoveni Montandon, 1896c: 123 (syn. Yang, 1934a: 217). STS: ♂, ♀, Indonesia (Sumatra), Malaysia (Perak) and Vietnam (Hué and Ho-Lang); ISNB, MCSN.

Coptosoma perplexum var. *suspiciosum* Montandon, 1896b: 446. STS: ♂, ♀, Indonesia, Java, Buitenzorg; MCSN, NHRS.

Coptosoma pygmaeum var. *accensitum* Montandon, 1896b: 447 (as sp. by Montandon, 1900b: 535; syn. Kuhlitz, 1901: 224) STS: ♂, ♀, Indonesia, Sumatra, Siboga; MCSN.

Coptosoma accensitum var. *notaticeps* Montandon, 1900b: 536. STS: Indonesia, Sumatra; MCSN.

Coptosoma formosanum Shiraki, 1913a: 219 (syn. Esaki, 1926a: 143, with *siamica*). ST(S): TA, Taihoku.

Distr. AS: CH (CE NO SE SW WP) JA (Ryukyus) TA. **EL:** Australian and Oriental Regions.

Note: The identity and synonymy of *Coptosoma variegatum* are a matter of debate (Herrich-Schaeffer, 1839: 108; Montandon, 1894a: 134, 1897b: 443; Kuhlitz, 1901: 226, 242; Kerzhner & Jansson, 1985: 41). Currently, several Oriental species are mixed under this name. They have a similar variable colour pattern, but differ in the structure of the male genital segment. Kerzhner & Jansson (1985) removed *C. ellia* Walker, 1867 (= *C. ceylonica* Motschulsky, 1863, nom. praeocc., *C. minima* Atkinson, 1889) from synonymy with *C. variegatum*.

***Coptosoma yunnanum* Ren, 1984**

Coptosoma yunnana Ren, 1984d: 91, 94. HT: ♂, CH (SW), Yunnan, Bao-shan County; NKUM.

Distr. AS: CH (SE SW).

***Coptosoma zhamua* Zhang & Lin, 1981**

Coptosoma zhamua Zhang & Lin, 1981: 133, 142. HT: ♂, CH (WP), Xizang, Zham; IZAS.

Distr. AS: CH (WP).

Genus *Megacopta* Hsiao & Ren, 1977

Megacopta Hsiao & Ren, 1977: 15, 21, 293. Type species by original designation: *Cimex cribrarius* Fabricius, 1798.

***Megacopta bicolor* Hsiao & Ren, 1977**

Megacopta bicolor Hsiao & Ren, 1977: 23, 294. HT: ♀, CH (SE), Guangxi, Ling-gui County; CNHP.

Distr. AS: CH (CE SE SW).

***Megacopta bituminata* (Montandon, 1897)**

Coptosoma bituminatum Montandon, 1897b: 452. LT (Yang, 1934a: 185, as “typical Specimen”): ♀, CH (CE), Kiang-Si [= Jiangxi]; MNHN.

Distr. AS: CH (CE NO SE SW).

***Megacopta caliginosa* (Montandon, 1893)**

Coptosoma caliginosum Montandon, 1893a: 562. STS: ♂, ♀, Indonesia, Celebes [= Sulawesi], Bankala [= Bancalar Is.]; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Indonesia (Sulawesi).

***Megacopta callosa* (Yang, 1934)**

Coptosoma callosa Yang, 1934a: 157, 173. HT: ♀, CH (SW), Yunnan, Yunnan-Fou [= Kunming]; MNHN.

Distr. AS: CH (SW).

***Megacopta centronubila* (Yang, 1934)**

Coptosoma centronubila Yang, 1934a: 157, 169. HT: ♂, CH (SW), Sé Tchouen [= Sichuan], Ta-Ts'en-Lou, Mo-Sy-Mien [= Kangding County]; MNHN.

Distr. AS: CH (SW).

***Megacopta centrosignata* (Yang, 1934)**

Coptosoma centrosignatum Yang, 1934b: 114. HT: ♀, Vietnam, Annam, Guang-Tsi; MNHN.

Distr. AS: CH (SE (Hainan) SW). **EL:** Vietnam.

***Megacopta cribraria* (Fabricius, 1798)**

Cimex cribrarius Fabricius, 1798: 531. ST(S): India orientalis; ZMUC (1 ST).

Coptosoma atomaria (partim): Vollenhoven, 1863: 50. Misidentification (see Distant, 1902a: 22).

Coptosoma xanthochlora Walker, 1867b: 87 (syn. Distant, 1899a: 215). HT: ♀, India, Hindostan; BMNH.

Coptosoma punctatissimum Montandon, 1896a: 105 (syn. Yang, 1934a: 163). STS: ♂, ♀, CH (CE: Shanghai), JA, Indonesia (Java) and New Caledonia; ISNB, MNHN.

Distr. AS: CH (CE NO SE SW WP) JA (Ryukyus) KO TA. **EL:** Oriental Region.

Ref.: Hibino, 1985 (biol.; *punctatissimum*); Ren, 1984e (egg).

***Megacopta cribriella* Hsiao & Ren, 1977**

Megacopta cribriella Hsiao & Ren, 1977: 22, 294. HT: ♂, CH (SE), Guangdong, Guangzhou; TMNH.

Distr. AS: CH (CE SE WP).

***Megacopta cycloceps* Hsiao & Ren, 1977**

Megacopta cycloceps Hsiao & Ren, 1977: 25, 294. HT: ♀, CH (SE), Guangxi, Shangling County; TMNH.

Distr. AS: CH (SE SW).

***Megacopta dinghushana* Z.Y. Chen, 1989**

Megacopta dinghushana Z.Y. Chen, 1989a: 105. HT: ♂, CH (SE), Guangdong, Gaoyao, Mt Dinghu; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE SW).

***Megacopta distanti* (Montandon, 1893)**

Coptosoma distanti Montandon, 1893a: 564. STS: ♀, India, Naga Hills; BMNH.

Distr. AS: CH (CE NO SE SW WP). **EL:** India (incl. Assam).

***Megacopta fimbriata* (Distant, 1887)**

Coptosoma fimbriatum Distant, 1887: 342. STS: India, Sikkim; BMNH, NZSI.

Coptosoma fimbriatum var. *cingulatum* Montandon, 1896b: 435. STS: CH.

Distr. AS: CH (CE NO SW). **EL:** India (Sikkim).

***Megacopta fimbrilla* J.J. Li, 1981**

Megacopta fimbrilla J.J. Li, 1981a: 191, 196. HT: ♂, CH (WP), Xizang, Chayu Xian; Biological Institute of North-western Plateau, Academia Sinica, Xining, Qinghai, CH.

Distr. AS: CH (WP).

***Megacopta horvathi* (Montandon, 1894)**

Coptosoma horvathi Montandon, 1894b: 260 (*howathi*), 337 (correction). HT: ♂, CH; HNHN (not found).

Coptosoma parviceps Montandon, 1894b: 258 (syn. Yang, 1934a: 166). HT: ♀, CH.

Distr. AS: CH (CE NO SE SW) TA.

Ref.: Ren, 1984e (egg).

***Megacopta hui* (Yang, 1934)**

Coptosoma hui Yang, 1934a: 157, 171. HT: ♀, CH (SW), Kouy-Tchéou [= Guizhou], Pin-Fa [= Pinba]; MNHN.

Distr. AS: CH (CE SW).

***Megacopta laeviventris* Hsiao & Ren 1977**

Megacopta laeviventris Hsiao & Ren, 1977: 24, 294. HT: ♂, CH (SE), Guangxi, Nanning; NKUM.

Distr. AS: CH (SE SW).

***Megacopta liniola* Hsiao & Ren, 1977**

Megacopta liniola Hsiao & Ren, 1977: 22, 294. HT: ♀, CH (SE), Guangdong, Gaoyao County, Mt Dinghu; NKUM.

Distr. AS: CH (SE).

***Megacopta lobata* (Walker, 1867)**

Coptosoma lobata Walker, 1867b: 88. STS: CH (north and SE: Hong Kong); BMNH.

Distr. AS: CH (CE SE SW).

Ref.: Ren, 1984e (egg).

***Megacopta longruiana* Ren, 2000**

Megacopta longruiana Ren, 2000b: 37, 39. HT: ♀, CH (SE), Guangxi, Longrui County, Ningming Nature Reserve; NKUM.

Distr. AS: CH (SE).

***Megacopta rotunda* Hsiao et Ren, 1977**

Megacopta rotunda Hsiao et Ren, 1977: 26, 294. HT: ♀, CH (SE), Fujian, Shaowu County, Yanshan; NKUM.

Distr. AS: CH (SE).

***Megacopta subsolitaris* (Yang, 1934)**

Coptosoma subsolitare Yang, 1934b: 118. STS: ♂, ♀, Vietnam, Tonkin, Hoa-Binh; MNHN.

Distr. AS: CH (SE SW). **EL:** Vietnam.

***Megacopta tubercula* Hsiao et Ren, 1977**

Megacopta tubercula Hsiao et Ren, 1977: 23, 294. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong, Mengsong; TMNH.

Distr. AS: CH (SW).

***Megacopta verrucosa* (Montandon, 1897)**

Coptosoma verrucosum Montandon, 1897b: 456. HT: ♀, CH (SW), Thibet, Mou-Pin [= Sichuan, Baoxing]; MNHN.

Distr. AS: CH (SE SW WP).

***Megacopta w-nigrum* (Varshney, 1965)**

Coptosoma w Montandon, 1893b: 237 (unavailable name). STS: ♀, India (Bengale [= Barway]) and Birmanie [= Burma] (Bhamo); BMNH, ISNB, MCSN.

Coptosoma w-nigrum Varshney, 1965: 415. Available name for *w* Montandon, 1893.

Coptosoma montandoni Ahmad & Moizuddin, 1992: 28. Unnecessary new name for *w* Montandon, 1893.

Distr. AS: CH (WP). **EL:** Bangladesh, Burma, India (incl. Assam).

Genus *Paracopta* Hsiao & Ren, 1977

Paracopta Hsiao & Ren, 1977: 20, 293. Type species by original designation: *Paracopta marginata* Hsiao & Ren, 1977.

***Paracopta duodecimpunctata* (Germar, 1839)**

Thyreocoris duodecimpunctatus Germar, 1839: 30. ST(S): India; ZMHB.

Distr. AS: CH (CE SE SW). **EL:** Bangladesh, Burma, India, Malaysia.

Ref.: Dallas, 1851a (*Coptosoma*); Hsiao & Ren, 1977 (*Paracopta*).

***Paracopta maculata* Hsiao & Ren, 1977**

Paracopta maculata Hsiao & Ren, 1977: 20, 293. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Mengah; TMNH.

Distr. AS: CH (SW).

***Paracopta marginata* Hsiao & Ren, 1977**

Paracopta marginata Hsiao & Ren, 1977: 20, 293. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Mengah; TMNH.

Distr. AS: CH (SW).

***Paracopta rufiscuta* Hsiao & Ren, 1977**

Paracopta rufiscuta Hsiao & Ren, 1977: 21, 293. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Mengah; TMNH.

Distr. AS: CH (SW).

Genus *Phyllomegacopta* Ren, 2000

Phyllomegacopta Ren, 2000b: 32, 38. Type species by original designation: *Megacopta majuscula* Hsiao & Ren, 1977.

***Phyllomegacopta cobbeni* Ren, 2000**

Phyllomegacopta cobbeni Ren, 2000b: 33, 38. HT: ♂, CH (SE), Hainan, Haikou County; NKUM.

Distr. AS: CH (SE: Hainan).

***Phyllomegacopta fujianensis* Ren, 2000**

Phyllomegacopta fujianensis Ren, 2000b: 34, 39. HT: ♂, CH (SE), Fujian, Mt Wuyi; NKUM.

Distr. AS: CH (SE).

***Phyllomegacopta majuscula* (Hsiao & Ren, 1977)**

Megacopta majuscula Hsiao & Ren, 1977: 28, 295. HT: ♀, CH (SE), Fujian, Fuzhou; TMNH.

Distr. AS: CH (CE SE).

Genus *Tarichea* Stål, 1865

Tarichea Stål, 1865b: 163. Type species by subsequent designation (Distant, 1902a: 6): *Plataspis chinensis* Dallas, 1851.

Ref.: Ahmad & Moizuddin, 1992 (class.).

***Tarichea chinensis* (Dallas, 1851)**

Plataspis chinensis Dallas, 1851a: 74. STS: ♂, ♀, CH (SE), Fujian, Fow-choo-foo [= Fuzhou]; BMNH.

Distr. AS: CH (NO SE SW). **EL:** India.

Family ACANTHOSOMATIDAE Signoret, 1864

U. Göllner-Scheiding

Acanthosomatidae are subdivided into three subfamilies with 49 genera and about 180 species. The subfamilies Bladusinae with 22 and Ditomotarsinae with 15 genera do not occur in the Palaearctic. The subfamily Acanthosomatinae with 15 genera, most of them comprising many species, is distributed worldwide. Acanthosomatinae are phytophagous; they live on different trees and shrubs, often sucking berries or seeds. Some species show parental care. They hibernate as imagines. The body is usually more or less elongate, 5 to 18 mm long, with 5-segmented antennae and 2-segmented tarsi. The dorsal side is flat, scutellum elongate triangular, not covering the hemelytra and reaching to about the middle of abdomen. Mesosternum with median carina; abdominal sternite 3 with spine-like process directed forwards. Male abdominal segment 8 visible; sternite 7 with concave hind margin in both sexes.

Family ACANTHOSOMATIDAE Signoret, 1864

ACANTHOSOMATIDAE Signoret, 1864: 549 (Acanthosomites). Type genus:

Acanthosoma Curtis, 1824.

SASTRAGALIDAE Mulsant & Rey, 1866: 308, 311 (Sastragalates). Type genus:

Sastragala Amyot & Serville, 1843 (misidentified by Mulsant & Rey).

Extralimital subfamilies: Ditomotarsinae Signoret, 1864, tropical Africa, S America, Australia; Bladusinae Kumar, 1974, S Africa, S America, Australia, Madagascar.

Ref.: Fischer, 1994a, 1994b (biol., morph., phyl.); Kumar, 1974 (rev.); Leston, 1953a (morph., syst.), 1957 (authorship of family name); Schaefer & Ahmad, 1987a (biol.).

Subfamily ACANTHOSOMATINAE Signoret, 1864

Genus *Acanthosoma* Curtis, 1824

Acanthosoma Curtis, 1824: legend to pl. 20. Type species by subsequent designation (Curtis, 1824: legend to pl. 28): *Cimex haemorrhoidalis* Linnaeus, 1758.

Note. Kumar (1974: 53) placed *Anaxandra* and *Sastragala* in synonymy with *Acanthosoma*, but this synonymy was not accepted by other authors.

Ref.: Kobayashi, 1959b (larvae of Japanese species).

Acanthosoma acutangulata S.L. Liu, 1979

Acanthosoma acutangulata S.L. Liu, 1979: 58, 59. HT: ♂, CH (CE), Hubei, Mt Shennongjia; TMNH.

Distr. AS: CH (CE NO SW).

Acanthosoma asahinai Ishihara, 1943

Acanthosoma asahinai Ishihara, 1943: 495. HT: ♂, TA, Mareffa-Oiwake, Taityu-syu; KUEC.

Distr. AS: TA.

Acanthosoma chinanum Kiritshenko, 1931

Acanthosoma chinanum Kiritshenko, 1931a: 368. HT: ♀, CH (WP), Xizang, Chumbi; BMNH.

Distr. AS: CH (WP).

***Acanthosoma crassicaudum* Jakovlev, 1880**

Acanthosoma crassicaudum Jakovlev, 1880b: 386, 390. LT (Derzhansky et al., 2002: 362): ♂, RU (FE), Vladivostok; ZMAS.

Acanthosoma glaucum Esaki, 1916: 125 (syn. Esaki, 1926b: 200). STS: ♂, ♀, JA, Honshu (Minomo and Kyoto); KUEC.

Distr. AS: CH (NE SE) JA KO RU (FE).

***Acanthosoma denticaudum* Jakovlev, 1880**

Acanthosoma denticaudum Jakovlev, 1880b: 387, 394. HT: ♂, RU (FE), Nikolsk at Amur R.; ZMAS.

Acanthosoma serratula Reuter, 1881b: 74 (syn. Autran & Reuter, 1888: 199). STS: ♀, RU (ES: “Sibiria orientali”; FE: “Amuria”); NHRS.

Acanthosoma denticauda japonica Jensen-Haarup, 1931b: 218 (upgraded by Kumar, 1974: 54; syn. Kerzhner, 2003a: 104). LT (Kumar, 1974: 54): ♂, JA, Honshu, former Setsu Prov., Minosan; ZMUH.

Distr. AS: CH (NE NO SE) JA KO RU (ES FE WS).

***Acanthosoma distinctum* Dallas, 1851**

Acanthosoma distinctum Dallas, 1851a: 304. ST(S): ♂, N India; BMNH.

Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

Note: Old records from JA are erroneous (Esaki, 1926b).

***Acanthosoma emeiense* S.L. Liu, 1980**

Acanthosoma emeiensis S.L. Liu, 1980: 234, 236. HT: ♂, CH (SW), Sichuan, Mt Emei; TMNH.

Distr. AS: CH (SW).

***Acanthosoma expansum* Horváth, 1905**

Acanthosoma expansum Horváth, 1905: 413. STS: ♂, ♀, JA, Sapporo; HNHM.

Distr. AS: CH (CE SW WP) JA RU (FE: Kuril Is).

***Acanthosoma forcipatum* Reuter, 1881**

Acanthosoma forcipatum Reuter, 1881b: 76. STS: ♂, ♀, AK, Tarbagatai; MZHF, NHRS.

Acanthosoma kiritschenkoi Lindberg, 1934a: 11 (syn. Kerzhner, 1964a: 364). HT: ♀, CH (NW), Xinjiang, Tien Shan, Haitze Lake [E of Fukang]; NHRS.

Distr. AS: AK CH (NW) KI TD UZ.

Note: Record from TM (V.G. Putshkov, 1965: 317) is apparently based on mislabelled specimens in ZMAS collection. Records from CH (CE SE SW) are based on misidentification (see Kerzhner, 2003a).

***Acanthosoma forficula* Jakovlev, 1880**

Acanthosoma forficula Jakovlev, 1880b: 387, 392. HT: ♂, RU (FE), Vladivostok; ZMAS.

Acanthosoma virens Reuter, 1881b: 74 (syn. Josifov & Kerzhner, 1978: 164). LT (Josifov & Kerzhner, 1978: 164): ♀, RU (FE), Amur; NHRS.

Acanthosoma kyotoanum Esaki, 1916: 126 (syn. Esaki, 1926b: 200). STS: ♂, ♀, JA, Honshu (Kyoto, Minomo, Shinano); KUEC.

Distr. AS: CH (CE SE SW) JA KO RU (FE).

***Acanthosoma haemorrhoidale haemorrhoidale* (Linnaeus, 1758)**

Cimex haemorrhoidalis Linnaeus, 1758: 444. LT (Kumar, 1974: 54): ♂, EU; LSUK.

Cimex bidens (non Linnaeus, 1758): Sulzer, 1761: 27. Misidentification (see Harrer, 1784: 294).

Cimex sanguineotuberculatus Goeze, 1778: 275 (syn. Harrer, 1784: 294). For *Cimex* sp. in Schaeffer, 1776: pl. 244, figs 3, 4. ST(S): GE, Ratisbona [= Regensburg]; lost.

Cimex pabulinus Harris, 1780: 88 (junior primary homonym or misidentification of *Cimex pabulinus* Linnaeus, 1761; syn. Stephens, 1829: 340). ST(S): GB, England; lost.

Cimex pungens Geoffroy in Fourcroy, 1785: 215 (junior primary homonym of *Cimex pungens* Thunberg, 1783; syn. Harrer, 1784: 294, implied; Amyot & Serville, 1843: 154). For *Cimex* no. 63 in Geoffroy, 1762: 465. STS: FR, Paris; lost.

Cimex carunculatus Gmelin, 1790: 2135. Objective synonym of *sanguineotuberculatus* Goeze, 1778.

Cimex retusus Thunberg, 1822b: 5 (syn. Stål, 1855b: 346). ST(S): ♂, South Africa, Cape Prov. (error); UZIU.

Acanthosoma haemorrhoidale var. *inhabilis* Schumacher in Schirmer, 1911: 673. STS: GE, Berlin, Buckow, Grunewald; ZMHB?

Acanthosoma stadleri Stichel, 1946: 3 (syn. Stichel, 1961: 662). HT: ♀, GE, Hammelburg; ZMHB?

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AR CH (CE SW) GG IN RU (ES WS).

***Acanthosoma haemorrhoidale angulatum* Jakovlev, 1880**

Acanthosoma angulatum Jakovlev, 1880b: 387, 397 (downgraded by Kerzhner, 1964a: 363). HT: ♂, RU (ES), Chita Prov., Sretensk; ZMAS.

Acanthosoma ziozankeanum Matsumura, 1911: 34 (syn. Esaki, 1926b: 198). STS: ♂, ♀, RU (FE), Sakhalin Is. (“Shashi”) and JA, Hokkaido, Sapporo; EIHU.

Acanthosoma rubicorne Matsumura, 1913: 126 (syn. Esaki, 1926b: 198). STS: ♂, ♀, JA, Hokkaido, Sapporo; EIHU?

Distr. AS: CH (NE) JA KO RU (ES FE).

***Acanthosoma haemorrhoidale ouchii* Ishihara, 1950**

Acanthosoma ouchii Ishihara, 1950a: 83 (downgraded by Kerzhner, 1964a: 363). HT: ♂, CH (CE), Zhejiang, Tienmushan; KUEC.

Distr. AS: CH (CE).

***Acanthosoma labiduroides* Jakovlev, 1880**

Acanthosoma labiduroides Jakovlev, 1880b: 386, 387 (misprinted as *labiduroides* on p. 387). LT (Derzhansky et al., 2002: 362): ♂, RU (FE), Vladivostok; ZMAS.

Distr. AS: CH (CE NE NO SW) JA KO RU (ES FE).

***Acanthosoma nigrodorsum* Hsiao & S.L. Liu, 1977**

Acanthosoma nigrodorsum Hsiao & S.L. Liu, 1977: 178, 302. HT: ♂, CH (NO), Shanxi, Taiyuan; TMNH.

Distr. AS: CH (NO SW WP).

***Acanthosoma nigrospina* Hsiao & S.L. Liu, 1977**

Acanthosoma nigrospina Hsiao & S.L. Liu, 1977: 180, 362. HT: ♂, CH (NO), Gansu, Tianshui; TMNH.

Distr. AS: CH (NO SE).

***Acanthosoma shensiense* Hsiao & S.L. Liu, 1977**

Acanthosoma shensiensis Hsiao & S.L. Liu, 1977: 179, 302. HT: ♀, CH (NO), Shaanxi, Mt Huashan; NKUM.

Distr. AS: CH (CE NO).

***Acanthosoma sinense* S.L. Liu, 1980**

Acanthosoma sinensis S.L. Liu, 1980: 235, 236. HT: ♀, CH (NO), Shaanxi, Xian; TMNH.

Distr. AS: CH (NO).

***Acanthosoma spinicolle* Jakovlev, 1880**

Acanthosoma spinicollis Jakovlev, 1880b: 387, 396. HT: ♀, RU (FE), Jewish Autonom. Prov., Raddevka [= Radde]; ZMAS.

Acanthosoma frater Reuter, 1881b: 73 (syn. Kerzhner, 1964a: 364). STS: ♂, ♀, RU (FE), Amur; MZHF, NHRS.

Acanthosoma axillaris Jakovlev, 1889c: 52 (syn. Ishihara, 1950a: 82, suspected; Kerzhner, 1964a: 364). LT (Derzhansky et al., 2002: 362): ♂, RU (ES), Irkutsk; ZMAS.

Acanthosoma vicina Reuter, 1902: 146 (junior primary homonym of *Acanthosoma vicinum* Uhler, 1861; syn. Kerzhner, 1964a: 364). HT: ♂, MG or CH (NE: Heilongjiang), “Mandschuria (Ourga ad Tsitsikhar)” [= between Ulan-Bator and Qiqihar]; MNHN.

Acanthosoma korolkovi Jakovlev, 1904b: 292 (syn. Kerzhner, 1964a: 364). LT (Derzhansky et al., 2002: 362): ♂, CH (NE), Heilongjiang, Mu-da-Dzian [= Mutan-jiang R.]; ZMAS.

Acanthosoma manchuriana Kirkaldy, 1909b: 172. New name for *vicina* Reuter, 1902.

Acanthosoma potanini Lindberg, 1934a: 10 (syn. Ishihara, 1950a: 82). HT: ♀, CH (NO), Gansu (south); NHRS.

Acanthosoma archangeliskii Kiritschenko, 1952: 165 (syn. Kerzhner, 1964a: 364). Nomen nudum.

Distr. AS: AK CH (NE NO NW SW WP) JA KI KO MG RU (ES FE WS).

***Acanthosoma zanthoxylum* Hsiao & S.L. Liu, 1977**

Acanthosoma zanthoxylum Hsiao & S.L. Liu, 1977: 177, 302. HT: ♀, CH (SW), Sichuan, Guang-xian County; NKUM.

Distr. AS: CH (SW).

Genus *Anaxandra* Stål, 1876

Anaxandra Stål, 1876: 110, 113. Type species by subsequent designation (Distant, 1902a: 321): *Acanthosoma rufescens* Dallas, 1851, India.

Note: see Note under *Acanthosoma*.

***Anaxandra cornuta* (Dallas, 1849)**

Acanthosoma (*Sastragala*) *cornutum* Dallas, 1849: 193. STS: ♂, ♀, Bhutan; BMNH.

Distr. AS: CH (SW WP). **EL:** Australia, Oriental Region.

***Anaxandra gigantea* (Matsumura, 1913)**

Acanthosoma giganteum Matsumura, 1913: 128. HT: ♀, JA, Honshu, Kyoto; EIHU?

Distr. AS: CH (SE SW WP) JA KO TA. **EL:** Vietnam, Laos.

***Anaxandra laevicornis* (Dallas, 1851)**

Acanthosoma laevicorne Dallas, 1851a: 311. STS: ♂, ♀, locality unknown; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Anaxandra laticollis* Hsiao & S.L. Liu, 1977**

Anaxandra laticollis Hsiao & S.L. Liu, 1977: 170, 301. HT: ♀, CH (SW), Sichuan, Mt Emei; TMNH.

Distr. AS: CH (CE SW WP).

***Anaxandra longispina* S.L. Liu, 1987**

Anaxandra longispina S.L. Liu, 1987: 152. ST(S): CH (SW), Yunnan, Yuanyuang; IZAS.

Distr. AS: CH (SW).

Note: This and four other species have been diagnosed by S.L. Liu (1987) in a key. The male genital segment was figured for each species. Whether females were present in the type series remained unclear.

***Anaxandra montana* S.L. Liu, 1987**

Anaxandra montana S.L. Liu, 1987: 152. STS: CH (SW), Yunnan, Heqing and Tengchong; IZAS.

Distr. AS: CH (SW).

Note: See the Note under *Anaxandra longispina* S.L. Liu.

***Anaxandra nigricornis* (Walker, 1868)**

Acanthosoma nigricornis Walker, 1868: 574. HT: India, "Hindustan"; BMNH.

Anaxandra nigrocornuta Reuter, 1881b: 77 (syn. Distant, 1900b: 229). ST(S): ♀, India, Darjeeling; NHRS.

Distr. AS: CH (WP). **EL:** Oriental Region (India).

***Anaxandra pteridis* Hsiao & S.L. Liu, 1977**

Anaxandra pteridis Hsiao & S.L. Liu, 1977: 171, 301. HT: ♀, CH (SW), Sichuan, Kangding; NKUM.

Distr. AS: CH (SW).

***Anaxandra sichuanensis* S.L. Liu, 1980**

Anaxandra sichuanensis S.L. Liu, 1980: 234, 236. HT: ♂, CH (SW), Sichuan, Mt Emei; TMNH.

Distr. AS: CH (CE SW).

***Anaxandra sigillata* Stål, 1876**

Anaxandra sigillata Stål, 1876: 114. ST(S): ♀, India; NHRS.

Distr. AS: CH (SW). **EL:** Oriental Region (Burma, India).

***Anaxandra taurina* Kirkaldy, 1910**

Anaxandra taurina Kirkaldy, 1910b: 108. ST(S): CH (SW), Yunnan, Tali; AMNH?

Distr. AS: CH (CE SE SW WP).

***Anaxandra yunnana* Hsiao & S.L. Liu, 1977**

Anaxandra yunnana Hsiao & S.L. Liu, 1977: 170, 301. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong; TMNH.

Distr. AS: CH (SE SW).

Genus *Cyphostethus* Fieber, 1860

Cyphostethus Fieber, 1860: 78. Type species by subsequent monotypy (Fieber, 1861: 328): *Cimex lituratus* sensu Panzer, 1797 (= *Cimex tristriatus* Fabricius, 1787).

Note: Synonymized with *Elasmotethus* by Kumar (1974: 51), restored by Ahmad & Önder (1993: 55); see also Yamamoto (2003: 53).

***Cyphostethus japonicus* Hasegawa, 1959**

Cyphostethus japonicus Hasegawa, 1959: 88. HT: ♂, JA, Nagano Prefecture, Hatamura, Higashichikuma-gun; National Institute of Agricultural Sciences, Tokyo, JA.

Distr. AS: JA.

***Cyphostethus sinensis* Schumacher, 1912**

Cyphostethus sinensis Schumacher, 1912a: 40. HT: ♂, CH (NO), “Kiautschou Gebiet, Tsingtau” [= Shandong, Qingdao]; ZMHB.

Distr. AS: CH (NO).

***Cyphostethus tristriatus* (Fabricius, 1787)**

Cimex tristriatus Fabricius, 1787: 293. LT (Kumar, 1974: 52): ♀, IT, agro Paedomontano [= Piemont]; ZMUC.

Cimex lituratus (non Fabricius, 1794): Panzer, 1797: pl. 19 and legend. Misidentification (see Mulsant & Rey, 1866: 323; Stål, 1868a: 39).

Acanthosoma picta Samouelle, 1832: sign. 2-5; Newman, 1833: 287 (syn. Dallas, 1851b: 112, with *lituratus* sensu Panzer, 1797; Puton, 1875: 14). HT: GB, England, Birchwood.

Acanthosoma clypeata Burmeister, 1835: 361 (syn. Amyot, 1845: 459, with *lituratus* sensu Panzer, 1797; Puton, 1875: 14). STS: GE; ZMHB.

Acanthosoma picta Curtis, 1840: legend to pl. 28 (junior primary homonym of *Acanthosoma picta* Samouelle, 1832; syn. Dallas, 1851b: 112, with *lituratus* sensu Panzer, 1797; Puton, 1875: 14). STS: GB, England.

Acanthosoma pictipenne Curtis, 1852: 271. New name for *picta* Samouelle, 1832.

Cyphostethus minitristriatus Ahmad & Önder, 1993: 57 (syn. Kerzhner, 2003a: 103). HT: ♂, AT, Namrun; EUIT.

Cyphostethus pallidus Ahmad & Önder, 1993: 58 (syn. Kerzhner, 2003a: 103). HT: ♂, GE (east), Birkenwerder; EUIT.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IT LA LS LT LU MC NL NR PL PO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG CI MO TU. **AS:** AB AF AK AR AT GG TD UZ.

***Cyphostethus yunnanensis* S.L. Liu, 1981**

Cyphostethus yunnanensis S.L. Liu, 1981: 322. HT: ♂, CH (SW), Yunnan, Kunming; TMNH.

Distr. AS: CH (SW).

Genus *Elasmostethus* Fieber, 1860

Elasmostethus Fieber, 1860: 78, 1861: 328. Type species by subsequent designation (Stål, 1864: 54): *Cimex dentatus* De Geer, 1773 (= *Cimex interstinctus* Linnaeus, 1758).

Oxydalis Mulsant & Rey, 1866: 324 (syn. Stål, 1868a: 39). Type species by monotypy:

Cimex dentatus De Geer, 1773 (= *Cimex interstinctus* Linnaeus, 1758).

Elasmatostethus Marshall, 1868: 281. Unjustified emendation.

Stictocarenum Stål, 1871: 638 (syn. Kumar, 1974: 51). Type species by monotypy:

Cuspicona? taeniola Dallas, 1851 (= *Rhynchocoris ligatus* Erichson, 1842), Australia.

Dichobothrium Breddin, 1903a: 207 (syn. Kumar, 1974: 51). Type species by subsequent designation (Kirkaldy, 1909b: xxxii): *Dichobothrium sastragaloides* Breddin, 1903, Indonesia.

Ditaenius Bergroth, 1912b: 361 (syn. Kumar, 1974: 51). Type species by original designation: *Cimex emeritus* Fabricius, 1775, Australia.

Ref.: Yamamoto, 2003 (key, rev. Japanese spp.).

***Elasmostethus amabilis* Yamamoto, 2003**

Elasmostethus amabilis Yamamoto, 2003: 55. HT: ♂, JA, Hokkaido, Kamikawa, Kogen-onsen; EIHU.

Distr. AS: JA (Hokkaido, Honshu).

***Elasmotethus brevis* Lindberg, 1934**

Elasmotethus brevis Lindberg, 1934b: 5. STS: ♂, RU (FE), Primorsk Terr., Suchan [= Partizansk] and Tigrovaja [= Tigrovyi]; MZHF, NHRS.

Distr. EU: BY CZ DE EN FI NR RU (CT NT ST) SV. **AS:** AK CH (NE NO) JA KO MG RU (ES FE WS).

Ref.: Kerzhner, 1964b (distr.); Ossiannilsson, 1969 (host plant in SV).

***Elasmotethus hasegawai* Yamamoto, 2003**

Elasmotethus hasegawai Yamamoto, 2003: 58. HT: ♂, JA, Honshu, Nagano Pref., Azumi, Kamikochi; National Institute of Agro-Environmental Sciences, Tsukuba, Ibaraki, JA.

Distr. AS: JA (Honshu).

***Elasmotethus humeralis* Jakovlev, 1883**

Elasmotethus humeralis Jakovlev, 1883b: 15; 1883c: 426. LT (Derzhansky et al., 2002: 362): ♂, RU (FE), Vladivostok; ZMAS.

Elasmotethus matsumurae Horváth, 1899a: 366 (syn. Horváth, 1907a: 299). STS: ♂, JA, Yesso [= Hokkaido], env. of Sapporo; HNHM.

Distr. AS: CH (NE NO NW SW) JA KO RU (FE).

***Elasmotethus interstinctus* (Linnaeus, 1758)**

Cimex interstinctus Linnaeus, 1758: 445. ST(S): EU; LSUK.

Cimex dentatus De Geer, 1773: 260 (syn. Horváth, 1899b: 276). STS: SV; UZIU.

Cimex haemagaster Schrank, 1781: 270 (syn. Amyot, 1845: 457, with *dentatus*). STS: AU; lost.

Cimex bidens Gmelin, 1790: 2149 (junior primary homonym of *Cimex bidens* Linnaeus, 1758; syn. Reuter, 1888a: 140, with *dentatus*). For *Cimex* no. 81 in Zschach, 1788: 118. ST(S): EU; lost.

Cimex arboreus Gmelin, 1790: 2160. Unnecessary new name for *dentatus* De Geer, 1773.

Cimex lituratus (non Fabricius, 1794): Wolff, 1800: 14. Misidentification (see Flor, 1860: 102).

Cimex collaris Fabricius, 1803: 170 (syn. Fallén, 1807: 19, with *dentatus*). ST(S): DE, Hafniae [= Copenhagen]; ZMUC? (was examined by Stål, 1868a: 39, but not listed by Zimsen, 1964).

Cimex bidentatus O'Reilly, 1813: 91 (junior primary homonym of *Cimex bidentatus* Goeze, 1778). New name for *bidens* Gmelin, 1790.

Pentatoma stollii Lepeletier & Serville, 1825: 53 (syn. Amyot & Serville, 1843: 154, with *lituratus* sensu Wolff, 1800; Amyot, 1845: 457, with *dentatus*). STS: ♂, ♀, EU.

Elasmotethus interstinctus f. *picea* Polentz, 1954: 107. HT: ♀, GE, Gernrode.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK.
NA: AS: AB AK AR CH (NE NO NW SE SW) GG JA KO MG RU (ES FE WS).
EL: N America.

***Elasmotethus kansuensis* Hsiao & S.L. Liu, 1977**

Elasmotethus kansuensis Hsiao & S.L. Liu, 1977: 162, 301. HT: ♂, CH (NO), Gansu, Tianshui; TMNH.

Distr. AS: CH (CE NO SW) KO.

***Elasmotethus kerzhneri* Yamamoto, 2003**

Elasmotethus kerzhneri Yamamoto, 2003: 55. HT: ♂, JA, Honshu, Aomori Pref., Towadako, Yabitsu-yachi; EIHU.

Distr. AS: JA (Honshu).

***Elasmotethus membranaceus* Shiraki, 1913**

Elasmotethus membranaceus Shiraki, 1913a: 205, 206. STS: TA, Shinchiku [= Xinzhu], Giran [= Ilan], Inrin, Sansei.

Distr. AS: TA.

***Elasmotethus minor* Horváth, 1899**

Elasmotethus minor Horváth, 1899b: 445. STS: ♂, ♀, AU (Innsbruck), BH (Travnik), CR (Magna-Capella [= Velika Kapela Mts]), SK (Szadellö [= Zádiel]); HNHM.

Distr. EU: AL AU BE BH BU BY CR CZ EN FR GE HU LA LS LT LU NL PL RO RU (CT NT ST) SK SL SP SV SZ YU. **AS:** GG.

Note: Records from JA and KO are erroneous (Lee et al., 1994: 29).

***Elasmotethus nubilus* (Dallas, 1851)**

Acanthosoma nubilum Dallas, 1851a: 305. ST(S): ♀, CH (SE), Hong Kong; BMNH.

Elasmotethus nilgirensis Distant, 1900b: 231 (syn. Horváth, 1912: 608). STS: India, Nilgiri Hills and Utakamand; BMNH.

Elasmotethus scotti (non Reuter, 1881): Hsiao & S.L. Liu, 1977: 162.

Misidentification (see Kerzhner, 2003a: 104).

Distr. AS: CH (CE SE) JA KO TA. **EL:** Oriental Region (India).

***Elasmotethus rotundus* Yamamoto, 2003**

Elasmotethus rotundus Yamamoto, 2003: 55. HT: ♂, JA, Hokkaido, Otaru, Nagabashi-naebo; EIHU.

Distr. AS: JA.

***Elasmotethus yunnanus* Hsiao & S.L. Liu, 1977**

Elasmotethus yunnanus Hsiao & S.L. Liu, 1977: 161, 300. HT: ♂, CH (SW), Yunnan, Anning County, Wenquan; TMNH.

Distr. AS: CH (CE SW).

Genus *Elasmucha* Stål, 1864

Tropidocoris Schummel, 1828: 65 (syn. Schummel, 1835: 91, with *Clinocoris*). Nomen nudum.

Clinocoris Hahn, 1834: 70 (junior homonym of *Clinocoris* Fallén, 1829, Cimicidae; syn. Stål, 1876: 114). Type species by subsequent designation (Kirkaldy, 1909b: xxxii):

Cimex ferrugator Fabricius, 1794 (= *Cimex ferrugatus* Fabricius, 1787).

Sastragala (non Amyot & Serville, 1843): Fieber, 1860: 78; 1861: 327. Misidentification (see Stål, 1864: 54).

Elasmucha Stål, 1864: 54. Type species by subsequent designation (Kirkaldy, 1909b: xxxii): *Cimex ferrugatus* Fabricius, 1787.

Meadorus Mulsant & Rey, 1866: 315 (syn. Stål, 1868a: 39). Type species by subsequent designation (Kirkaldy, 1909b: xxxii): *Meadorus interstinctus* sensu Mulsant & Rey, 1866 (= *Cimex griseus* Linnaeus, 1758).

Elasmotethus (non Fieber, 1860): Lethierry & Severin, 1893: 255. Misidentification (see Oshanin, 1906: 168).

Pseudostollia Breddin, 1901b: 65 (syn. Kumar, 1974: 48). Type species by original designation: *Acanthosoma delicatula* Walker, 1867, Indonesia.

Galasastra Breddin, 1903a: 205 (syn. Kumar, 1974: 48). Type species by monotypy:
Galasastra salebrosa Breddin, 1903, New Guinea.
Ref.: Kerzhner, 1972b (species from the former USSR).

***Elasmucha albicincta* Distant, 1918**

Elasmucha albicincta Distant, 1918: 149. ST(S): India, E Himalayas, Kurseong; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Elasmucha amurensis* Kerzhner, 1972**

Elasmucha amurensis Kerzhner, 1972b: 217. HT: ♂, RU (FE), Amur Prov., Simonovo; ZMAS.

Distr. AS: JA KO RU (FE).

***Elasmucha angularis* Hsiao & S.L. Liu, 1977**

Elasmucha angulare Hsiao & S.L. Liu, 1977: 165, 301. HT: ♀, CH (SE), Fujian, Chongan County, Sangang; TMNH.

Distr. AS: CH (CE SE).

***Elasmucha aspera* (Walker, 1867)**

Acanthosoma aspera Walker, 1867a: 395. HT: India, N Hindostan; BMNH.

Distr. AS: CH (CE NO SW). **EL:** India.

Ref.: Ahmad & Moizzudin, 1990 (descr., figs).

***Elasmucha brevis* S.L. Liu, 1987**

Elasmucha brevis S.L. Liu, 1987: 151. ST(S): CH (SW), Yunnan, Lijiang; IZAS.

Distr. AS: CH (SW).

Note: See the Note under *Anaxandra longispina* S.L. Liu.

***Elasmucha broussonetiae* C.R. Li & Zheng, 2000**

Elasmucha broussonetiae C.R. Li & Zheng, 2000: 98, 101. HT: ♂, CH (NO), Henan, Neixiang County, Baotianman; NKUM.

Distr. AS: CH (NO).

***Elasmucha choui* C.R. Li & Zheng, 2000**

Elasmucha signoreti (non Scott, 1874): Hsiao & S.L. Liu, 1977: 169. Misidentification (see C.R. Li & Zheng, 2000: 96).

Elasmucha choui C.R. Li & Zheng, 2000: 96, 101. HT: ♂, CH (SW), Yunnan, Lijiang County, Mt Yulong, Heshui; NKUM.

Distr. AS: CH (SW).

***Elasmucha decorata* Hsiao & S.L. Liu, 1977**

Elasmucha decorata Hsiao & S.L. Liu, 1977: 168, 301. HT: ♂, CH (SW), Sichuan, Baoxing County, Qiaoqi; NKUM.

Distr. AS: CH (CE SW WP).

***Elasmucha dorsalis* (Jakovlev, 1876)**

Elasmotethus dorsalis Jakovlev, 1876b: 106. LT (Kerzhner, 1972b: 219): ♂, RU (FE), Ussuri R.; ZMAS.

Clinocoris stali J. Sahlberg, 1878a: 16 (syn. Jakovlev, 1883d: 110). HT: ♀, RU (ES), Mt Takmak nr Krasnoyarsk; NHRS.

Elasmotethus davidi Fallou, 1891: 7 (syn. Bergroth, 1892b: 262). ST(S): CH (NO), Pékin [= Beijing]; MNHN.

Distr. AS: CH (CE NO SE SW) JA KO MG RU (ES FE WS).

***Elasmucha fasciator* (Fabricius, 1803)**

Cimex fasciator Fabricius, 1803: 166. ST(S): CH; ZMUC (1 ST).

Elasmucha fasciatrix: Stichel, 1962a: 771. Incorrect subsequent spelling.

Distr. AS: CH (CE SE).

***Elasmucha fengkainica* Z.Y. Chen, 1989**

Elasmucha fengkainica Z.Y. Chen, 1989b: 80, 81. HT: ♂, CH (SE), Guangdong, Fengkai County, Mt Heishiding; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE).

***Elasmucha ferrugata* (Fabricius, 1787)**

Cimex ferrugatus Fabricius, 1787: 382. ST(S): SV; ZMUC (1 ST).

Cimex ictericus (non Linnaeus, 1763): Petagna, 1787: 41. Misidentification (see Reuter, 1885b: 37).

Cimex adustus Gmelin, 1790: 2148 (syn. Reuter, 1885b: 39). For *Cimex* no. 80 in Zschach, 1788: 118. ST(S): EU; lost.

Cimex ferrugator: Fabricius, 1794: 101. Incorrect spelling of *ferrugatus* Fabricius, 1787.

Cimex bispinus Panzer, 1795: pl. 23 and legend (syn. Fallén, 1807: 19, 43). ST(S): GE; lost.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GB GE HU IT LA LT LU NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK. **AS:** AK CH (NE SW) KO MG RU (ES FE WS).

***Elasmucha fieberi* (Jakovlev, 1865)**

Cimex? scansor Gistel, 1857: 66 (nomen oblitum; syn. Kerzhner, 1993: 103). ST(S): ♂, GE; lost.

Elasmotethus fieberi Jakovlev, 1865: 125. STS: RU (CT), Kazan' and Nizhniy Novgorod; not found (Derzhansky et al., 2002: 362).

Elasmucha grisea (non Linnaeus, 1758): Reuter, 1884a: 131. Misidentification (see Horváth, 1899b: 276).

Elasmucha jakovlevi Kiritschenko, 1911b: 83 (syn. Kerzhner, 1964a: 364, with *griseus* auct.; 1972b: 217). HT: ♀, RU (ES), Transbaikalia; ZMAS.

Elasmucha picicolor (non Westwood, 1837): Horváth, 1899b: 278. Misidentification (see Horváth, 1912: 608).

Distr. EU: AU BE BY CZ DE EN FI FR GE HU IT LA LS LT LU NL NR PL RU (CT NT) SK SL SP SV SZ YU. **AS:** CH (NO SW WP) JA KO MG RU (ES FE WS).

Ref.: Melber & G.H. Schmidt, 1975a, 1975b, 1984 (parental care).

***Elasmucha fujianensis* S.L. Liu, 1980**

Elasmucha fujianensis S.L. Liu, 1980: 233, 236. HT: ♂, CH (SE), Fujian, Jianyang; TMNH.

Distr. AS: CH (SE).

***Elasmucha glabra* Hsiao & S.L. Liu, 1977**

Elasmucha glaber Hsiao & S.L. Liu, 1977: 167, 378. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Mengsong; TMNH.

Distr. AS: CH (SE SW).

***Elasmucha grisea grisea* (Linnaeus, 1758)**

Cimex griseus Linnaeus, 1758: 445. ST(S): EU; LSUK.

Cimex betulae De Geer, 1773: 261 (junior primary homonym of *Cimex betulae* Linnaeus, 1758). Unnecessary new name for *griseus* Linnaeus, 1758.

Cimex alni Ström, 1783: 69 (syn. Reuter, 1884a: 131, with *interstinctus* sensu Reuter). ST(S): NR; lost.

Cimex agathinus Fabricius, 1794: 114 (syn. Fallén, 1807: 19). STS: GE; ZMUC.

Meadorus interstinctus (non Linnaeus, 1758): Mulsant & Rey, 1866: 316.

Misidentification (see Horváth, 1899b: 276).

Clinocoris interstinctus (non Linnaeus, 1758): Reuter, 1884a: 131. Misidentification (see Horváth, 1899b: 276).

Clinocoris antennatus Reuter, 1885b: 38 (downgraded to ssp. by Josifov, 1971: 239; syn. Ribes, 1990: 141). STS: ♂, GR, Attica; MZHF.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IR IT LA LT LU NL NR PL PO RO RU (CT NT ST) SK SL SP SZ UK YU. **AS:** AB AK AR AT CH (CE NE) GG MG RU (ES FE WS).

Ref: Jordan, 1958a (biol.); Melber & G.H. Schmidt, 1975a, 1975b, 1984 (parental care); Pini, 1947 (biol.).

***Elasmucha grisea cypria* Josifov, 1971**

Elasmucha eckerleini cypria Josifov, 1971: 240. HT: ♂, CY, Kalohorio; MHNG.

Distr. AS: CY.

***Elasmucha grisea eckerleini* Josifov, 1971**

Elasmucha eckerleini Josifov, 1971: 240 (downgraded by P.V. Putshkov, 1981: 111).

HT: ♂, IN, Naharkhoran, S of Gorgan; MHNG.

Distr. AS: AB (Talysh Mts) IN.

Note: Populations from AB, AR, GG, RU (ST: Caucasus) and UK (Crimea) are intermediate between this and the nominotypical subspecies.

***Elasmucha guangxiensis* S.L. Liu, 1980**

Elasmucha guangxiensis S.L. Liu, 1980: 233, 236. HT: ♂, CH (SE), Guangxi, Longsheng County; TMNH.

Distr. AS: CH (CE SE).

***Elasmucha hsiaoi* S.L. Liu, 1989**

Elasmucha hsiaoi S.L. Liu, 1989: 9. HT: ♂, CH (SE), Guangxi, Jingxiu County; TMNH.

Distr. AS: CH (SE).

***Elasmucha laeviventris* S.L. Liu, 1979**

Elasmucha laeviventris S.L. Liu, 1979: 56, 59. HT: ♂, CH (CE), Hubei, Mt Shennongjia; TMNH.

Distr. AS: CH (CE SW).

***Elasmucha lineata* (Dallas, 1849)**

Acanthosoma (Sastragala) lineatum Dallas, 1849: 194. ST(S): ♀, Bhutan; BMNH.

Acanthosoma binotata Walker, 1867a: 395 (syn. Distant, 1900b: 230). HT: India, "Hindustan"; BMNH.

Clinocoris maculata Distant, 1887: 355 (syn. Distant, 1902a: 329). HT: NE India; BMNH.

Distr. AS: CH (SE WP). **EL:** Oriental Region.

***Elasmucha minor* Hsiao & S.L. Liu, 1977**

Elasmucha minor Hsiao & S.L. Liu, 1977: 166, 301. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong; TMNH.

Distr. AS: CH (CE SE SW).

***Elasmucha necopinata* Kirkaldy, 1909**

Elasmotethus nebulosus Distant, 1900b: 231 (junior secondary homonym of *Edessa nebulosa* W. Kirby, 1837). ST(S): N India, Naga Hills; BMNH.

Elasmucha necopinata Kirkaldy, 1909b: 177. New name for *nebulosus* Distant, 1900.

Distr. AS: CH (SE WP). **EL:** Oriental Region.

Note: Kumar (1974: 52) listed this species in *Elasmotethus*.

***Elasmucha nipponica* (Esaki & Ishihara, 1950)**

Sastragala nipponica Esaki & Ishihara, 1950: 57. HT: ♂, JA, Kyushu, Kirishima Mts, Mt Takachiho; KUEC.

Distr. AS: CH (CE SE WP) JA.

***Elasmucha pilosa* S.L. Liu, 1989**

Elasmucha pilosa S.L. Liu, 1989: 9. HT: ♂, CH (SW), Yunnan, Yanshan County; TMNH.

Distr. AS: CH (SW).

***Elasmucha potanini* Lindberg, 1939**

Elasmucha potanini Lindberg, 1939b: 122. HT: CH (NO), Shanxi, Chiao Cheng Distr. [= Jiaocheng County]; NHRS.

Distr. AS: CH (NO).

***Elasmucha punctata* (Dallas, 1851)**

Acanthosoma punctatum Dallas, 1851a: 306. ST(S): ♀, N India; BMNH.

Distr. AS: AF CH (CE SE). **EL:** Oriental Region.

Ref.: Ahmad & Moizzudin, 1990 (descr., figs).

***Elasmucha putoni* Scott, 1874**

Elasmucha putoni Scott, 1874: 302. LT (Kerzhner, 1972b: 216): ♂, JA; BMNH.

Clinocoris scotti Reuter, 1881b: 82 (syn. Kerzhner, 1972b: 216). LT (Kerzhner, 1972b: 216, as HT): ♂, JA; NHRS.

Distr. AS: JA KO RU (FE).

Ref.: Kobayashi, 1954 (larvae).

***Elasmucha recurva* (Dallas, 1851)**

Acanthosoma recurvum Dallas, 1851a: 310. ST(S): ♀, N India; BMNH.

Distr. AS: CH (NO SW WP). **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.).

***Elasmucha rubra* S.L. Liu, 1987**

Elasmucha rubra S.L. Liu, 1987: 149. STS: CH (SW), Yunnan (Kunming, Jinning, Heqing); IZAS.

Distr. AS: CH (SW).

Note: See the Note under *Anaxandra longispina* S.L. Liu.

***Elasmucha rufescens* (Jakovlev, 1890)**

Elasmotethus rufescens Jakovlev, 1890: 548. HT: CH (SW), Sichuan, “Syao-pu” [= nr Shuijing]; not found (Derzhansky et al., 2002: 362).

Distr. AS: CH (SW).

***Elasmucha scutellata* (Distant, 1887)**

Clinocoris scutellata Distant, 1887: 355. ST(S): India, Assam, Naga Hills; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region (India).

***Elasmucha signoreti* Scott, 1874**

Elasmucha signoreti Scott, 1874: 303. STS: JA; BMNH.

Elasmucha ferrugata (non Fabricius, 1787): Esaki, 1950: 206. Misidentification (see Hasegawa, 1954a: 748).

Distr. AS: CH (CE NO SE WP) JA KO RU (FE: Sakhalin and Kuril Is).

***Elasmucha tauricornis* Jensen-Haarup, 1931**

Elasmucha (Clinocoris) tauricornis Jensen-Haarup, 1931b: 220. STS: ♂, ♀, India, Sikkim; ZMUH.

Distr.: AS: CH (CE SW). **EL:** Oriental Region (N India).

***Elasmucha truncatula* (Walker, 1867)**

Acanthosoma truncatula Walker, 1867a: 396. HT: India, “Hindustan”; BMNH.

Clinocoris cruciger Reuter, 1881b: 80 (syn. Distant, 1902a: 329). ST(S): ♀, India, Darjeeling; NHRS.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

***Elasmucha xizangensis* J.J. Li, 1981**

Elasmucha xizangensis J.J. Li, 1981a: 192, 197. HT: ♂, CH (WP), Xizang, Bomi County; Biological Institute of North-western Plateau, Academia Sinica, Xining, Qinghai, CH.

Distr. AS: CH (WP).

***Elasmucha yangi* S.L. Liu, 1989**

Elasmucha yangi S.L. Liu, 1989: 9. HT: ♂, CH (SW), Yunnan, Lushui County; IZAS.

Distr. AS: CH (SW).

***Elasmucha yunnana* S.L. Liu, 1980**

Elasmucha yunnana S.L. Liu, 1980: 234, 236. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong; TMNH.

Distr. AS: CH (SW WP).

Genus *Grossaria* Kumar, 1974

Grossaria Kumar, 1974: 42, 47. Type species by original designation: *Acanthosoma vicinum* Uhler, 1861.

***Grossaria vicina* (Uhler, 1861)**

Acanthosoma vicinum Uhler, 1861a: 286. LT (Kumar, 1974: 47): ♂, CH (SE), Hong Kong; USNM.

Distr. AS: CH (SE).

Genus *Lindbergicoris* Leston, 1953

Platacantha Lindberg, 1934a: 12 (junior homonym of *Platacantha* Herrich-Schaeffer, 1844, Pentatomidae). Type species by monotypy: *Platacantha armifer* Lindberg, 1934.

Lindbergicoris Leston, 1953b: 157. New name for *Platacantha* Lindberg, 1934.

Ref.: L.Y. Zheng & H.J. Wang, 1995 (rev.).

***Lindbergicoris armifer* (Lindberg, 1934)**

Platacantha armifer Lindberg, 1934a: 13. HT: ♂, CH (NO), Gansu (south); NHRS.

Distr. AS: CH (NO SW).

***Lindbergicoris difficilis* (S.L. Liu, 1988)**

Platacantha difficilis S.L. Liu, 1988: 11, 15. HT: ♂, CH (SW), Yunnan, Deqin County, Meilixueshan; IZAS.

Distr. AS: CH (SW).

***Lindbergicoris discolor* (S.L. Liu, 1988)**

Platacantha discolor S.L. Liu, 1988: 10, 14. HT: ♂, CH (SW), Yunnan, Deqin County, Meilixueshan; IZAS.

Distr. AS: CH (SW).

***Lindbergicoris distinctus* (S.L. Liu, 1988)**

Platacantha distincta S.L. Liu, 1988: 11, 15. HT: ♂, CH (NO), Gansu, Mahaoshan nr Lanzhou; TMNH.

Distr. AS: CH (NO).

***Lindbergicoris elegans* L.Y. Zheng & H.J. Wang, 1995**

Lindbergicoris elegans L.Y. Zheng & H.J. Wang, 1995: 17, 20. HT: ♂, CH (NO), Gansu, Wenxian County; NKUM.

Distr. AS: CH (NO SW).

***Lindbergicoris elegantulus* L.Y. Zheng & H.J. Wang, 1995**

Lindbergicoris elegantulus L.Y. Zheng & H.J. Wang, 1995: 17, 19. HT: ♂, CH (NO), Gansu, Wenxian County; NKUM.

Distr. AS: CH (NO).

***Lindbergicoris forfex* (Dallas, 1851)**

Acanthosoma forfex Dallas, 1851a: 308. ST(S): ♂, N India; BMNH.

Distr. AS: CH (SW WP) TA. **EL:** Oriental Region (India).

Ref.: Ahmad & Moizzudin, 1990 (descr., figs; *Acanthosoma*).

***Lindbergicoris gramineus* (Distant, 1883)**

Clinocoris gramineus Distant, 1883: 426. ST(S): JA, Honshu, Chuzenji (nr Nikko); BMNH.

Distr. AS: JA KO.

***Lindbergicoris hochii* (Yang, 1933)**

Elasmucha hochii Yang, 1933a: 12. HT: ♀, CH (NO), Peiping [= Beijing] or Eastern Tomb [E of Beijing]; lost?

Distr. AS: CH (NO WP).

***Lindbergicoris pulchellus* L.Y. Zheng & H.J. Wang, 1995**

Lindbergicoris pulchellus L.Y. Zheng & H.J. Wang, 1995: 17, 21. HT: ♀, CH (NO), Gansu, Wenxian County; NKUM.

Distr. AS: CH (NO).

***Lindbergicoris robustus* (S.L. Liu, 1988)**

Platacantha robusta S.L. Liu, 1988: 10, 14. HT: ♀, CH (SW), Yunnan, Zhongdian County; IZAS.

Distr. AS: CH (SW).

***Lindbergicoris sanguinehumeralis* (S.L. Liu, 1988)**

Platacantha sanguinehumeralis S.L. Liu, 1988: 9, 14. HT: ♂, CH (SW), Yunnan, Yunlong County, Mt Zhiben; IZAS.

Distr. AS: CH (SW).

***Lindbergicoris similis* (Hsiao & S.L. Liu, 1977)**

Platacantha similis Hsiao & S.L. Liu, 1977: 173, 302. HT: ♂, CH (SW), Sichuan, Mt Emei; TMNH.

Distr. AS: CH (SW WP).

Genus *Microdeuterus* Dallas, 1851

Microdeuterus Dallas, 1851a: 299. Type species by monotypy: *Microdeuterus megacephalus* sensu Dallas, 1851 (= *Microdeuterus dallasi* Atkinson, 1888), N India.

***Microdeuterus hainanensis* S.L. Liu, 1989**

Microdeuterus hainanensis S.L. Liu, 1989: 8. HT: ♀, CH (SE), Hainan, Jianfenglin; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE).

***Microdeuterus megacephalus* (Herrich-Schaeffer, 1845)**

Acanthosoma megacephalum Herrich-Schaeffer, 1845: 5. HT: ♀, India or Bangladesh ("Bengalia"); lost.

Distr. AS: CH (SE SW). **EL:** Oriental Region (Burma, India).

Genus *Sastragala* Amyot & Serville, 1843

Sastragala Amyot & Serville, 1843: 155. Type species by monotypy: *Cimex uniguttatus* Donovan, 1804, India.

Note: see Note under *Acanthosoma*.

***Sastragala edessoides* Distant, 1900**

Sastragala edessoides Distant, 1900b: 228. STS: India (Sikkim and Naga Hills); BMNH.

Distr. AS: CH (NO SW). **EL:** Oriental Region (India).

***Sastragala esakii* Hasegawa, 1959**

Sastragala esakii Hasegawa, 1959: 86. HT: ♂, JA, Nagano Pref., Kaidamura, Kiso; National Institute of Agricultural Sciences, Tokyo, JA.

Distr. AS: CH (CE NO SE SW) JA KO TA.

***Sastragala firmata* (Walker, 1868)**

Cuspicona firmata Walker, 1868: 569. HT: CH; BMNH.

Distr. AS: CH (CE SE).

***Sastragala heterospila* (Walker, 1867)**

Acanthosoma heterospila Walker, 1867a: 394. HT: India, Punjab; BMNH.

Sastragala affinis Atkinson, 1889a: 344 (syn. Distant, 1900b: 228). ST(S): India, Utakamand, Kotagiri; BMNH?

Distr. AS: CH (SW). **EL:** Oriental Region (India).

***Sastragala javanensis* Distant, 1887**

Sastragala javanensis Distant, 1887: 353. ST(S): Indonesia, Java, Kederi; BMNH.

Sastragala lunifera Breddin, 1902: 97 (syn. Breddin, 1903a: 201). LT (Gaedike, 1971: 91): Indonesia, Java, Tengger Mts; DEIC.

Sastragala javanica: Breddin, 1903a: 201. Incorrect spelling.

Distr. AS: CH (SE SW). **EL:** Oriental Region (Burma, Indonesia (Java)).

***Sastragala kunmingensis* S.L. Liu, 1987**

Sastragala kunmingensis S.L. Liu, 1987: 153. ST(S): CH (SW), Yunnan, Chenggong; IZAS.

Distr. AS: CH (SW).

Note: See the Note under *Anaxandra longispina* S.L. Liu.

***Sastragala parmata* Distant, 1887**

Sastragala parmata Distant, 1887: 353. ST(S): N India; BMNH.

Distr. AS: CH (SW WP). **EL:** Oriental Region (India).

***Sastragala scutellata* (Scott, 1874)**

Acanthosoma scutellata Scott, 1874: 301. STS: ♂, ♀, JA; BMNH.

Distr. AS: JA KO TA.

Family TESSARATOMIDAE Stål, 1865

D.A. Rider

The family Tessaratomidae is divided into three subfamilies (Natalicolinae, Oncomerinae, and Tessaratominae), and includes altogether 55 genera and approximately 240 species worldwide. In the Palearctic Region, two subfamilies are represented by eleven genera and 30 species. Members of this family occur primarily in the Old World tropics, especially Africa and Indomalaysia, but a number of species are also known from Australia, and at least three species of *Piezosternum* Amyot & Serville occur in the New World tropics. Tessaratomids are medium to large in size; in fact, several species rank among the largest terrestrial Heteroptera. They tend to have a small triangular head (as compared to the rest of their bodies) with small flap-like bucculae and a very short rostrum. The antennae are usually 4-segmented, but may be 5-segmented. The pronotum often extends posteriorly over the base of the scutellum, and may have the humeral angles greatly expanded and produced laterally or anteriorly. The spiracles on the second abdominal segment are completely exposed. The mesosternum, metasternum, and abdominal base are often produced ventrad, forming a ridge or plate-like carina that often extends forward onto the prosternum, sometimes reaching the base of the head. The female genitalia lack the sclerotized spermathecal rod characteristic of the Pentatomidae.

Both adults and immatures are strictly phytophagous, with a few species causing economic damage. For example, *Musgraveia sulciventris* (Stål) is a minor pest of citrus in Australia (Hely et al., 1982), and the litchi bug, *Tessaratoma papillosa* (Drury) sometimes causes damage to litchi fruits (Chan, 1931). Several species are known to stridulate, the strigil located on the V1 (= PCu) vein of the hind wing and the plectrum located on the first abdominal tergite (Leston, 1954a). Also, a number of species are known to exhibit parental care by guarding the eggs and early instars (Gogala et al., 1998).

This family was catalogued by Kirkaldy (1909b), and more recently by Rolston et al. (1994). The present classification was developed by Leston (1955) with modifications by Kumar (1969) and Kumar & Ghauri (1970). The Chinese fauna has been worked on extensively (Yang, 1935; Zia, 1957; F.Y. Chen, 1980). A generic level revision with new information on classification has been provided by Sinclair (2000a, 2000b).

Family TESSARATOMIDAE Stål, 1865

TESSARATOMIDAE Stål, 1865c: 33, 223 (Tessaratomida). Type genus: *Tessaratoma* Berthold, 1827.

EUSTHENIDAE: Bergroth, 1891: 213 (Eustheninae). Unnecessary replacement name.

Type genus: *Eusthenes* Laporte, 1833.

Extralimital subfamily: Natalicolinae Horváth, 1900, Africa, India.

Subfamily ONCOMERINAE Stål, 1870

ONCOMERINAE Stål, 1870: 60 (Oncomerina). Type genus: *Oncomeris* Laporte, 1833, Pacific Islands from Sulawesi to New Caledonia, NE Australia.

PIEZOSTERNINAE Leston, 1955a: 63 (Piezosternaria) (syn. Kumar, 1969: 604). Type genus: *Piezosternum* Amyot & Serville, 1843, Afrotropical and Neotropical Regions.

Genus *Neosalica* Distant, 1882

Neosalica Distant, 1882a: 157. Type species by monotypy: *Neosalica forbesi* Distant, 1882, Indonesia, Sumatra.

Mesolea Breddin, 1902: 99 (syn. Distant, 1921: 164). Type species by monotypy: *Mesolea pedestris* Breddin, 1902.

Ref.: F.Y. Chen, 1980 (redescr.); Leston, 1955a (key).

***Neosalica pedestris* (Breddin, 1902)**

Mesolea pedestris Breddin, 1902: 100. LT (Gaedike, 1971: 95): India, Sikkim; DEIC.

Neosalica nigrovittata Distant, 1921: 164 (syn. Leston, 1955a: 67). STS: Tonkin [= Vietnam]; BMNH.

Distr. AS: CH (SW). **EL:** Burma, India, Vietnam.

Ref.: F.Y. Chen, 1980 (descr.).

Subfamily TESSARATOMINAE Stål, 1865

Extralimital tribes: Prionogastrini Stål, 1870, South Africa; Sepinini Horváth, 1900, Africa.

Tribe TESSARATOMINI Stål, 1865

EUSTHENINI Stål, 1870: 60 (Eusthenina). Type genus: *Eusthenes* Laporte, 1833.

Genus *Asiarcha* Stål, 1870

Asiarcha Stål, 1870: 70, 73. Type species by monotypy: *Mattiphus nigradorsis* Stål, 1863.

Ref.: F.Y. Chen, 1980 (key); Kumar & Ghauri, 1970 (descr., key).

***Asiarcha angulosa* Zia, 1957**

Asiarcha angulosa Zia, 1957: 440, 448. STS: ♂, ♀, CH (SW), Yunnan, Long-ling County, Rui-li County, and Jing-dong County; IZAS.

Distr. AS: CH (SE SW).

Note: F.Y. Chen (1980) indicated that this might be a junior synonym of *Asiarcha nigradorsis* (Stål).

***Asiarcha nigradorsis* (Stål, 1863)**

Mattiphus nigradorsis Stål, 1863b: 600. STS: ♂, ♀, India, Punjab; BMNH, NHRS.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Distant, 1902a (descr., fig.).

***Asiarcha oblonga* (Dallas, 1851)**

Mattiphus oblongus Dallas, 1851a: 344. STS: ♂, ♀, N India; BMNH.

Pycanum pallipes Walker, 1868: 473 (syn. Distant, 1893c: 434). STS: India, N Hindostan; BMNH.

Distr. AS: CH (SE SW). **EL:** India.

Ref.: Distant, 1902a (descr., fig.).

Genus *Carpona* Dohrn, 1863

Carpona Dohrn, 1863: 351. Type species by monotypy: *Carpona funesta* Dohrn, 1863, Oriental Region.

Virbius Stål, 1865c: 225 (syn. Stål, 1870: 74). Type species by subsequent designation (Kirkaldy, 1909b: xxxvi): *Pycanum imperiale* Dohrn, 1863, Philippines.

Ref.: F.Y. Chen, 1980 (distr., key); Distant, 1902a (descr., key); Kumar & Ghauri, 1970 (descr., key).

***Carpona amplicollis* (Stål, 1863)**

Pycanum amplicolle Stål, 1863b: 600. HT: ♀, N India; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Stål, 1870 (*Carpona*).

***Carpona stabilis* (Walker, 1868)**

Pycanum stabile Walker, 1868: 472. HT: India, Hindostan; BMNH.

Distr. AS: CH (SW). **EL:** India.

Ref.: Distant, 1893c (*Carpona*).

Genus *Dalcantha* Amyot & Serville, 1843

Dalcantha Amyot & Serville, 1843: 170. Type species by monotypy: *Dalcantha dilatata* Amyot & Serville, 1843.

Ref.: Distant, 1902a (descr., key); Kumar & Ghauri, 1970 (descr., key).

***Dalcantha dilatata* Amyot & Serville, 1843**

Dalcantha dilatata Amyot & Serville, 1843: 171. ST(S): ♀, India.

Dalcantha regia Walker, 1868: 474 (syn. Distant, 1900c: 61). HT: Bangladesh, Silhet [= Sylhet]; BMNH.

Distr. AS: CH (SE WP). **EL:** Bangladesh, India.

Genus *Embolosterna* Stål, 1870

Embolosterna Stål, 1870: 66. Type species by monotypy: *Tessaratomyia taurus* Westwood, 1837

Ref.: Kumar & Ghauri, 1970 (descr., key).

***Embolosterna taurus* (Westwood, 1837)**

Tessaratomyia [sic] *taurus* Westwood, 1837: 27. ST(S): CH (SE); OXUM.

Tessaratomyia cornuta Dallas, 1851a: 342 (syn. Stål, 1863a: 501). ST(S): ♀, locality not given; BMNH.

Distr. AS: CH (SE). **EL:** India, Indonesia, Malaysia.

Ref.: F.Y. Chen, 1980 (key).

Genus *Eurostus* Dallas, 1851

Eurostus Dallas, 1851a: 318, 342. Type species by subsequent designation (Distant, 1902a: 268): *Eurostus validus* Dallas, 1851.

Ref.: F.Y. Chen, 1980 (distr., key); Distant, 1902a (descr., key); Kumar & Ghauri, 1970 (key, morph.).

***Eurostus brachypterus* Zhang & Y.J. Lin, 1992**

Eurostus brachypterus Zhang & Y.J. Lin in Zhang et al., 1992: 222. HT: ♂, CH (CE), Jiangxi, Yi-feng County; IZAS.

Distr. AS: CH (CE SW).

***Eurostus grossipes* Dallas, 1851**

Eurostus grossipes Dallas, 1851a: 343. ST(S): ♂, India, Assam; BMNH.

Distr. AS: CH (SE SW). **EL:** Bhutan, India.

Ref.: Dey & Wangdi, 1988 (chromosomes).

***Eurostus ochraceus* Montandon, 1894**

Eurostus ochraceus Montandon, 1894c: 638. HT: ♂, CH; MGAB.

Eurostus ochraceus var. *obscurus* Blöte, 1945: 302. STS: CH (SW), Yunnan, Yunnan Fou [= Kunming], San-nen Kai; RMNH.

Distr. AS: CH (CE SE SW WP). **EL:** Burma, Indonesia (Borneo).

***Eurostus validus* Dallas, 1851**

Eurostus validus Dallas, 1851a: 343. ST(S): ♂, CH; BMNH.

Eusthenes pratti Distant, 1890: 160 (syn. Yang, 1935: 120). STS: ♂, CH (CE), Jiangxi, Kiukiang [= Jiujiang] and Hubei, Chang Yang; BMNH.
Eurostus moutoni Montandon, 1894c: 636 (syn. Yang, 1935: 120). STS: ♂, ♀, CH (CE), Ngan-Hoei [= Anhui], Zo-sé and Ho-chan [= Huoshan]; MGAB.
Distr. AS: CH (CE NO SE SW) TA. **EL:** Oriental Region.

Genus *Eusthenes* Laporte, 1833

Eusthenes Laporte, 1833: 64 (as subgenus of *Dinidor*; upgraded by Amyot & Serville, 1843: 167). Type species by monotypy: *Tessaratoma robusta* Lepeletier & Serville, 1828.

Ref.: F.Y. Chen, 1980 (distr., key); Distant, 1902a (descr., key); Kumar & Ghauri, 1970 (descr., key).

Note: Citations of *E. ulixes* Breddin, 1899 from CH were based on a misprint in Kirkaldy's (1909b) catalogue (see Kirkaldy, 1909b: 383; Hoffmann, 1935a: 134). Citation of *E. viridis* Blöte, 1945 from CH by Rolston et al. (1994) is a mistake (Cochin-China, i.e. S Vietnam).

Eusthenes cupreus (Westwood, 1837)

Tessaratomia [sic] *cuprea* Westwood, 1837: 27. STS: ♂, ♀, Nepal; OXUM, RMNH.

Eusthenes eurytus Distant, 1887: 358 (syn. Yang, 1935: 107). ST(S): India; BMNH.

Distr. AS: CH (CE SE SW WP) TA. **EL:** Oriental Region.

Ref.: Dallas, 1851a (*Eusthenes*).

Note: Blöte (1945: 300) listed *E. eurytus* as separate species.

Eusthenes femoralis Zia, 1957

Eusthenes femoralis Zia, 1957: 430, 447. STS: ♂, ♀, CH (SE: Guangdong and Fujian (Fuzhou City (Gushan Hill), Xiamen City and Changtian County) and SW: Guizhou (Sanhe County), Yunnan (Pingbian County, Dawei Shan)); IZAS.

Distr. AS: CH (SE SW).

Eusthenes robustus (Lepeletier & Serville, 1828)

Tessaratomia robusta Lepeletier & Serville, 1828: 591. ST(S): ♂, Indonesia, Java.

Eusthenes elephas Dohrn, 1863: 351 (syn. Vollenhoven, 1868b: 27). ST(S): ♂, Indonesia, Java; ZMPA?

Eusthenes touchei Fallou, 1887: 413 (syn. Yang, 1935: 115). STS: ♂, ♀, CH (SE), Fokien [= Fujian]; MNHN.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Ref.: Bergroth, 1894c (descr.; as *touchei*); Dey & Wangdi, 1988 (chromosomes); Hinton, 1981 (egg).

Note: Yang (1935) synonymized *Eusthenes jason* Stål, 1870, *E. polyphemus* Stål, 1863, and *E. touchei* Fallou, 1887; and tentatively synonymized *E. hercules* Stål, 1870, *E. humeralis* Distant, 1921, *E. rubefactus* Distant, 1901, and *E. thoracicus* Distant, 1900, with this species. The synonymy of *E. touchei* is accepted here, but not that of other names, some of which were used subsequently as denoting separate species.

Eusthenes rubefactus Distant, 1901

Eusthenes rubefactus Distant, 1901d: 111. ST(S): ♂, Burma, Carin Cheba [= Karennee]; BMNH.

Eusthenes diomedes Breddin, 1904b: 15 (syn. Distant, 1921: 165). HT: ♂, Tonkin [= Vietnam], Mauson Mts; DEIC.

Distr. AS: TA. **EL:** Burma, India, Vietnam.

***Eusthenes saevus* Stål, 1863**

Eusthenes saevus Stål, 1863b: 597. STS: ♂, ♀, CH, “China borealis”; BMNH and India, Dekan; NHRS.

Eusthenes philoctetes China, 1925: 455 (syn. Yang, 1935: 113, 131). STS: ♂, ♀, CH (SW), Yunnan, Mekong River nr Sha-wa-tsun and N of Yei-chih [= Yuxi]; BMNH.

Eusthenes saevus var. *obsoletus* Yang, 1935: 114, 131. HT: ♂, CH (SW), Yunnan, Tse-Lou; MNHN.

Distr. AS: CH (CE NO SE SW). **EL:** Oriental Region.

Ref.: Parshad, 1957a (chrom.).

***Eusthenes theseus* Stål, 1870**

Eusthenes theseus Stål, 1870: 231. STS: India or Nepal.

Distr. AS: CH (CE SE SW WP) TA. **EL:** Oriental Region.

Note: Stål (1870) did not give a formal description of this species. He indicated that there were two species, a smaller and a larger one, that were often confused in various museums. He gave characters for separating the two species, and indicated that one was *Eusthenes cupreus* (Westwood). The other he conditionally gave the name *Eusthenes theseus*, but he did not indicate any specific specimens examined. The descriptive notes are sufficient, however, to validate this species. Subsequently, it was shown that *E. cupreus* is the larger species, and so the name *E. theseus* remained for the smaller one.

***Eusthenes variegatus* Yang, 1935**

Eusthenes eurytus (non Distant, 1887): Yang, 1934c: 59. Misidentification (see Yang, 1935: 111).

Eusthenes variegatus Yang, 1935: 107, 111. STS: ♂, ♀, CH (SE: Fujian (Fuzhou and Ghou-lin), CH (CE: Jiangxi and Guizhou)), Tonkin [actually Laos] (Luang Prabang, Mounng You [= Muong Yo]), Burma and India (Assam); MNHN?, BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Genus *Eusthenimorpha* Yang, 1935

Eusthenimorpha Yang, 1935: 105, 118. Type species by original designation:

Eusthenimorpha jungi Yang, 1935.

***Eusthenimorpha jungi* Yang, 1935**

Eusthenimorpha jungi Yang, 1935: 118. HT: ♂, CH (CE), Zhejiang, Hangchow; MNHN?

Distr. AS: CH (CE).

Genus *Mattiphus* Amyot & Serville, 1843

Mattiphus Amyot & Serville, 1843: xxviii, 168. Type species by monotypy: *Mattiphus carrenoi* Amyot & Serville, 1843 (= *Eusthenes laticollis* Westwood, 1837), Oriental Region.

Ref.: F.Y. Chen, 1980 (distr., key); Distant, 1902a (descr., key); Kumar & Ghauri, 1970 (descr., key).

***Mattiphus jaspideus* (Herrich-Schaeffer, 1851)**

Pycnum jaspideum Herrich-Schaeffer, 1851: 308. ST(S): India, Assam; lost.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Atkinson, 1889b (*Mattiphus*).

***Mattiphus minutus* Blöte, 1945**

Mattiphus minutus Blöte, 1945: 303. HT: ♂, CH (SW), Yunnan, Yunnan Fou [= Kunming], Sannen Kai; RMNH.

Distr. AS: CH (CE SW).

***Mattiphus splendidus* Distant, 1921**

Mattiphus splendidus Distant, 1921: 166. STS: Laos, Haut-Mékong; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Mattiphus yunnanensis* Zia, 1957**

Mattiphus yunnanensis Zia, 1957: 439, 447. STS: ♂, ♀, CH (SW), Yunnan, Mang-shi County; IZAS.

Distr. AS: CH (SW).

Genus *Origanaus* Distant, 1893

Origanaus Distant, 1893c: 432. Type species by monotypy: *Origanaus humerosus* Distant, 1893, India.

Ref.: Distant, 1902a (descr.); Kumar & Ghauri, 1970 (descr., key).

***Origanaus tibetanus* L.Y. Zheng & Jin, 1990**

Origanaus tibetanus L.Y. Zheng & Jin, 1990: 144, 148. HT: ♂, CH (WP), Xizang, Medong; Shanghai Institute of Entomology, Shanghai, CH.

Distr. AS: CH (WP).

Genus *Pycanum* Amyot & Serville, 1843

Pycanum Amyot & Serville, 1843: xxviii, 171. Type species by monotypy: *Cimex amethystinus* Weber, 1801 (= *Cimex rubens* Fabricius, 1794).

Cyclopelta (non Amyot & Serville, 1843): Spinola, 1850: 33. Misidentification (see Kirkaldy, 1909b: 356).

Ref.: F.Y. Chen, 1980 (key); Distant, 1902a (descr., key); Ghosh et al., 1994 (key); Kumar & Ghauri, 1970 (descr., key).

***Pycanum ochraceum* Distant, 1893**

Pycanum rubens (non Fabricius, 1794): Distant, 1879a: 52. Misidentification (see Distant, 1893c: 434).

Pycanum ochraceum Distant, 1893c: 433. STS: India (Darjeeling, Naga Hills and Khasia Hills); BMNH.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

***Pycanum rubens* (Fabricius, 1794)**

Cimex rubens Fabricius, 1794: 107. STS: India; ZMUC.

Cimex amethystinus Weber, 1801: 115 (junior primary homonym of *Cimex amethystinus* Lichtenstein, 1796, but the latter suppressed in Opinion 1820/1995; syn. Lethierry & Severin, 1893: 232). ST(S): Indonesia, Sumatra; ZMUC? (see *Edessa amethystina*).

Edessa amethystina Fabricius, 1803: 150 (junior secondary homonym and junior, apparently objective, synonym of *Cimex amethystinus* Weber; syn. Vollenhoven, 1868b: 32). STS: Indonesia, Sumatra; ZMUC (Zimsen, 1964).

Tessaratomy alternata Lepeletier & Serville, 1828: 591 (syn. Burmeister, 1835: 351, with *amethystina* Fabricius). STS: ♂, ♀, Indonesia, Java.

Pycanum alternatum var. *amethysta* Kirkaldy, 1909b: 371. New name for *amethystinus* Weber, 1801.

Distr. AS: CH (SW). **EL:** Oriental Region.

Ref.: Ellenrieder, 1862 (descr., fig.); Hinton, 1981 (egg).

Note: *Cimex rubens* Fabricius, 1794 is a junior primary homonym of *Cimex rubens* Harris, 1780 (= *Deraeocoris ruber* Linnaeus, 1758, Miridae), but as the two names were not used in one genus after 1899, replacement is not needed and the case should be referred to the International Commission of Zoological Nomenclature (Code, Art. 23.9.5).

Genus *Tessaratoma* Berthold, 1827

Tessaratoma Berthold, 1827: 416. Type species by monotypy: *Cimex papillosus* Drury, 1773.

Tesseratoma Amyot & Serville, 1843: 164. Unjustified emendation (as incorrect subsequent spelling already in Latreille, 1829: 195).

Ref.: Distant, 1902a (descr., key).

Note: Berthold (1827) cited the type species as “*Edessa papillosa*, Fabr”. Fabricius (1794, 1803) misidentified Drury’s species (Stål, 1870: 63, 68), his “*Cimex papillosus*” of 1794 actually is *Piezosternum calidum* (Fabricius, 1787) and “*Edessa papillosa*” of 1803 is *Tessaratoma afzelii* Stål, 1854. As *Cimex papillosus* Drury was universally accepted as the type species, this is confirmed here (Code, Arts 67.7 and 70.3.1). The old record of *T. conspersa* Stål, 1863 from CH apparently was based on misidentification. Citation of *T. javanica* (Thunberg, 1783) from CH (Rolston et al., 1994) was based on mistaken synonymy.

***Tessaratoma furcifera* Walker, 1868**

Tesseratoma [sic] *furcifera* Walker, 1868: 463. HT: Siam [= Thailand]; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Regn.

Ref.: Blöte, 1945 (fig.).

Note: *T. furcifera* was synonymized with *T. papillosa* and then with *T. javanica* by Distant (1900c: 60; 1902a: 259), but reinstated as separate species by Blöte (1945: 292).

***Tessaratoma papillosa* (Drury, 1773)**

Cimex papillosus Drury, 1773: index to vol. 1 (description in Drury, 1770: 96). ST(S): CH.

Cimex chinensis Thunberg, 1783: 45 (syn. Wolff, 1800: 12). STS: CH and JA; UZIU.

Cimex sinensis Gmelin, 1790: 2158. Unjustified emendation.

Cimex fulvus Gmelin, 1790: 2160 (junior primary homonym of *Cimex fulvus* De Geer, 1773; syn. Fabricius, 1794: 106; Dolling et al., 1999: 130). For *Cimex* no. 88 in Zschach, 1788: 119. ST(S): India (O’Reilly, 1813: 92).

Tessaratoma sonneratii Lepeletier & Serville, 1828: 590 (syn. Amyot & Serville, 1843: 165). ST(S): ♀, Indes orientales [= India, Indo-China or Indonesia].

Tessaratoma ossacruenta Gray, 1832: 239 (syn. Amyot & Serville, 1843: 165). ST(S): larva, India.

Distr. AS: CH (CE SE SW) JA. **EL:** Australia, Oriental Region.

Ref.: Easton, 1991 (host); Falkenstein, 1931 (biol.); Hasegawa, 1962 (distr., fig.); Ren, 1992c (egg).

***Tessaratoma quadrata* Distant, 1902**

Tessaratoma malaya (non Stål, 1870): Distant, 1879a: 45; Atkinson, 1889b: 54.

Misidentifications (see Distant, 1902a: 258).

Tessaratoma quadrata Distant, 1902a: 258. STS: Nepal, India (Sikkim, Assam, Khasi Hills, Margherita); BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Family SCUTELLERIDAE Leach, 1815 - shield bugs

U. Göllner-Scheiding

The family includes seven subfamilies, about 80 genera and at least 450 species presently known. They occur in most regions, but are most common in tropical and subtropical areas. The subfamily Scutellerinae almost exclusively occurs in the Eastern Hemisphere, Eurygastrinae is chiefly Old World, Odontotarsinae is mainly Holarctic, with representatives in most other regions, and Pachycorinae is almost exclusively New World (27 genera and 125 species), with only two genera in the Old World.

The species are medium to large, ranging from 5 to 20 mm in size, and characterized by the greatly enlarged scutellum that almost entirely covers the abdomen, and often also the forewings. In most representatives the body is strongly convex, the antennae are 5-segmented (3-segmented in some Scutellerinae), the anterior part of the prosternum is laminarily broadened, and the tarsi are 3-segmented. Most species are more or less brownish, but especially tropical species are brightly coloured. Scutelleridae are plant feeders, living in many different habitats. Some are of economic importance, and especially species of *Eurygaster* are among the most destructive Heteroptera, damaging wheat and related grain crops. The eggs are deposited in small numbers in parallel rows and develop one after the other.

Several species exhibit maternal care (*Pachycoris*) or egg guarding (*Tectocoris*, *Cantao*). There are 1-2 generations a year, and generally adults overwinter.

Catalogues: Oshanin, 1912 (Palearctic, outdated); Stichel, 1961 (Palearctic). Economic importance: Schaefer & Panizzi, 2000. Morphology: Kumar, 1965b; Fischer, 1995 (spermatheca). Revisions: Fuente, 1974a (species from SP); Gadalla & Fadl, 2000 (EG).

Family SCUTELLERIDAE Leach, 1815

SCUTELLERIDAE Leach, 1815: 121 (Scutellerida). Type genus: *Scutellera* Lamarck, 1801.

Subfamily ELVISURINAE Stål, 1872

ELVISURINAE Stål, 1872b: 32 (Elvisuraria). Type genus: *Elvisura* Spinola, 1837.

Note: Subfamily rank accepted by Fuente (1974: 236), Gross (1975: 80) and McDonald & Cassis (1984: 538); other authors include this group (as the tribe Elvisurini) in Scutellerinae.

Genus *Coleotichus* A. White, 1839

Coleotichus A. White, 1839: 541. Type species by monotypy: *Cimex costatus* Fabricius, 1787 (= *Coleotichus unicolor* Dallas, 1851), Australia and Pacific Islands.

Extralimital subgenera: *Coleotichus* A. White, 1839, Australia and Hawaii;

Paracoleotichus Schouteden, 1904, Australia and Pacific Islands.

Ref.: Schouteden, 1905b (rev.).

Subgenus *Epicoleotichus* Schouteden, 1904

Epicoleotichus Schouteden, 1904a: 6 (as subgenus of *Coleotichus*). Type species by subsequent designation (Kirkaldy, 1909b: xxxvi): *Coleotichus excellens* Walker, 1867, Australia and Pacific Islands.

Coleotichus borealis Distant, 1899

Coleotichus borealis Distant, 1899c: 31. STS: ♂, ♀, TA, "Lak-ku-li"; BMNH.

Distr. AS: TA.

Genus *Elvisura* Spinola, 1837

Elvisura Spinola, 1837: 357. Type species by monotypy: *Elvisura irrorata* Spinola, 1837.

Oxyprymna Stål, 1873: 5 (syn. Bergroth, 1894c: 357). Type species by monotypy: *Elvisura spinolae* Signoret, 1861, India (in error?).

***Elvisura irrorata* Spinola, 1837**

Elvisura irrorata Spinola, 1837: 359. HT: ♂, Senegal; MIZT.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Solenosthedium* Spinola, 1837

Solenosthedium Spinola, 1837: 360. Type species by subsequent designation (Reuter, 1888a: 414): *Cimex lynceus* Fabricius, 1794 (= *Scutellera bilunata* Lefebvre, 1827).

Coeloglossa Germar, 1839: 130 (syn. A. White, 1842a: 89). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Cimex lynceus* Fabricius, 1794 (= *Scutellera bilunata* Lefebvre, 1827).

Solenostethium: Amyot & Serville, 1843: 26. Unjustified emendation.

***Solenosthedium bilunatum* (Lefebvre, 1827)**

Cimex lynceus Fabricius, 1794: 87 (junior primary homonym of *Cimex lynceus*

Fabricius, 1775; syn. Stål, 1873: 5). ST(S): “Barbaria” [= NW Africa]; lost?

Cimex barbarus Turton, 1802: 618 (nomen oblitum). New name for *lynceus* Fabricius, 1794.

Scutellera bilunata Lefebvre, 1827: STS: IT, Randazzo nr Mt Etna; lost?

Coeloglossa ledereri Fieber, 1861: 374 (syn. Vidal, 1949: 56, suspected; Stichel, 1960a: 451). STS: ♂, ♀, CY; NHMW?

Distr. EU: FR (Corsica) GR IT MA PO SP. **NA:** AG MO TU. **AS:** AT CY JO LE SY.

Ref.: Liotta & Emma, 1995 (biol.); Matocq & Pluot-Sigwalt, 2002 (biol., distr.).

***Solenosthedium chinense* Stål, 1854**

Solenosthedium chinense Stål, 1854a: 231. ST(S): CH; NHRS.

Solenostethium citri Shiraki, 1913: 206, 207 (syn. Esaki, 1926a: 143). STS: TA.

Distr. AS: CH (CE SE SW WP) JA TA.

***Solenosthedium planiusculum* Reuter, 1913**

Solenostethium planiusculum Reuter, 1913: 5. ST(S): MO, Tanger; NHRS.

Distr. NA: MO.

***Solenosthedium rubropunctatum* (Guérin-Méneville, 1838)**

Scutellera rubropunctata Guérin-Méneville, 1838: 157. ST(S): Indonesia, Java; MNHN.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

Subfamily SCUTELLERINAE Leach, 1815

Tribe SCUTELLERINI Leach, 1815

Genus *Brachyaulax* Stål, 1871

Brachyaulax Stål, 1871: 616. Type species by monotypy: *Brachyaulax rufomaculata* Stål, 1871, Philippines.

***Brachyaulax oblonga* (Westwood, 1837)**

Tectocoris oblonga Westwood, 1837: 14. ST(S): Indonesia, Java; OXUM.

Scutellera cyaneovitta Walker, 1867b: 16 (syn. Distant, 1899c: 35). HT: CH (CE), Shanghai; BMNH.

Scutellera buprestoides Walker, 1867b: 16 (syn. Distant, 1899c: 35). STS: Malaysia, Pulo [= Island] Penang; BMNH.

Scutellera maculigera Walker, 1867b: 16 (syn. Distant, 1899c: 35). HT: Indonesia, Java; BMNH.

Scutellera pubescens Walker, 1868: 507 (syn. Distant, 1899c: 35). HT: Indonesia, Sumatra; BMNH.

Scutellera oblonga var. *splendens* Schouteden, 1904b: 297. ST(S): ♂, locality not given; MRAC?

Distr. AS: CH (CE SE SW WP) TA. **EL:** Oriental Region.

Genus *Calidea* Laporte, 1833

Calidea Laporte, 1833: 71. Type species by subsequent designation (Kirkaldy, 1901: 178):

Cimex signatus Fabricius, 1794 (= *Calidea panaethiopica* Kirkaldy, 1909), tropical Africa.

Callidea Burmeister, 1835: 393. Unjustified emendation.

Libyssa Dallas, 1851a: 4, 20 (syn. Stål, 1865c: 41). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Cimex signatus* Fabricius, 1794 (= *Calidea panaethiopica* Kirkaldy, 1909), tropical Africa.

Ref.: Freeman, 1939 (rev.).

Note: Blanchard (1842b: 52) designated “*Tetyra eques* Fab.” (i.e., *Cimex eques* Fabricius, 1794, now in *Chrysocoris*) as the type species of *Calidea* (as *Callidea*). The International Commission on Zoological Nomenclature should be asked to set aside this type designation in order to preserve stability of generic names.

***Calidea duodecimpunctata* (Fabricius, 1798)**

Cimex duodecimpunctatus Fabricius, 1798: 527. ST(S): French Guiana (“Cajenna”) (in error); MNHN (1 ST).

Distr. NA: EG. **AS:** SA YE. **EL:** tropical Africa.

Genus *Calliphara* Germar, 1839

Calliphara Germar, 1839: 122. Type species by subsequent designation (Distant, 1902a: 53): *Calliphara nobilis* sensu Germar, 1839 (= *Tetyra excellens* Burmeister, 1834).

Philia Schiødte, 1842: 279, 281; 1843a: 347 (junior homonym of *Philia* Oken, 1829, Mollusca). Unnecessary replacement name for *Calliphara* Germar, 1839 and *Calidea* Laporte, 1833 (see also Kirkaldy, 1905: 77). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Cimex imperialis* Fabricius, 1775, Australia.

Lamprophara Stål, 1865c: 34 (downgraded to subgenus by Stål, 1873: 16; syn. Lyal, 1979: 154). Type species by subsequent designation (Stål, 1866: 155): *Calliphara bifasciata* A. White, 1839, Oceania.

Chrysophara Stål, 1873: 17 (as subgenus of *Calliphara*; syn. Lyal, 1979: 154). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Tetyra excellens* Burmeister, 1834.

Ref.: Lyal, 1979 (rev.).

***Calliphara excellens excellens* (Burmeister, 1834)**

Tetyra excellens Burmeister, 1834a: 287. STS: Indonesia, Java; ZMHB.

Tectocoris obscura Westwood, 1837: 14 (syn. Distant, 1899c: 33). LT (Lyal, 1979: 170): Nepal; OXUM.

Callidea nobilis (non Linnaeus, 1763): Germar, 1839: 117. Misidentification (see Dallas, 1851a: 25).

Distr. AS: CH (SE SW) JA (Ryukyus). **EL:** Oriental Region.

Extralimital subspecies: *Calliphara excellens speciosa* (A. White, 1842) and *C. e. coelestis* Taeuber, 1929, both from Philippines.

***Calliphara munda* Stål, 1866**

Calliphara munda Stål, 1866: 153. ST(S): ♂, CH; NHRS.

Distr. AS: CH (SE).

***Calliphara nobilis* (Linnaeus, 1763)**

Cimex nobilis Linnaeus, 1763: 17. LT (Lyal, 1979: 172): ♂, Indonesia, Java; LSUK.

Cimex septempunctatus Panzer, 1798: 109 (syn. Dolling et al., 1999: 83). ST(S): locality unknown; lost.

Cimex pustulatus Panzer, 1798: 111 (junior primary homonym of *Cimex pustulatus* De Geer, 1773; syn. Dallas, 1851a: 25). ST(S): locality unknown; lost.

Scutellera buquetii Guérin-Méneville, 1838: 159, 162 (syn. Dallas, 1851a: 25). STS: Indonesia, Java; MNHN.

Distr. AS: CH (SE) JA (Ryukyus) TA. **EL:** Oriental Region.

Genus *Cantao* Amyot & Serville, 1843

Cantao Amyot & Serville, 1843: 29. Type species by monotypy: *Cimex dispar* Fabricius, 1794 (= *Cimex ocellatus* Thunberg, 1784).

Iostethus Stål, 1873: 10 (as subgenus of *Cantao*; syn. McDonald, 1988: 287). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Calidea parentum* A. White, 1839, Australia.

Ref.: McDonald, 1988 (revision).

***Cantao ocellatus* (Thunberg, 1784)**

Cimex ocellatus Thunberg, 1784: 60. LT (McDonald, 1988: 289): ♂, JA or CH (not specified by McDonald); UZIU.

Cimex dispar Fabricius, 1794: 81 (syn. Fabricius, 1803: 129). STS: CH; ZMUC.

Cantao rufipes Dallas, 1851a: 17 (syn. Stål, 1871: 616). LT (McDonald, 1988: 289, as "Type"): Philippines; BMNH.

Cantao rudis Vollenhoven, 1863: 60 (syn. McDonald, 1988: 289). STS: ♂, ♀, Indonesia, Kajoa and Morotai Is; RMNH.

Cantao inscitus Walker, 1868: 506 (syn. Distant, 1899c: 33, with *rudis*; McDonald, 1988: 290). HT: ♂, Indonesia, Batchian [= Batjan Is.]; BMNH.

Cantao conscitus Walker, 1868: 507 (syn. Distant, 1899c: 33, with *rudis*; McDonald, 1988: 290). HT: ♀, Indonesia, Batchian [= Batjan Is.]; BMNH.

Distr. AS: CH (CE NO SE SW WP) JA (Ryukyus) KO TA. **EL:** Oriental Region.

Genus *Choerocoris* Dallas, 1851

Choerocoris Dallas, 1851a: 4, 29. Type species by subsequent designation (Schouteden, 1904a: 38): *Cimex paganus* Fabricius, 1775, Australia.

Calliscyta Stål, 1873: 24 (syn. McDonald & Cassis, 1984: 561). Type species by monotypy: *Callidea stalii* Vollenhoven, 1863.

Chaerocoris: Stål, 1865c: 34. Incorrect spelling.

***Choerocoris stalii* (Vollenhoven, 1863)**

Callidea stalii Vollenhoven, 1863: 24. LT (McDonald & Cassis, 1984: 561): ♂, Indonesia, Timor; RMNH.

Calliscyta australis Distant, 1899c: 40 (syn. McDonald & Cassis, 1984: 561). HT: Australia, Queensland; BMNH.

Distr. AS: CH (SE: Hainan?). **EL:** Australia, Timor.

Note. The record from Hainan by Schouteden (1904b: 296, as *Calliscyta australis*) was much probably based on a mislabelled specimen.

Genus *Chrysocoris* Hahn, 1834

Chrysocoris Hahn, 1834: 38. Type species by monotypy: *Cimex stollii* sensu Hahn, 1834 (= *Scutellera abdominalis* Westwood, 1837).

Galostha Amyot & Serville, 1843: 33 (syn. Stål, 1973: 18). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Galostha stockerus* sensu Amyot & Serville, 1843 (= *Scutellera abdominalis* Westwood, 1837).

Note: Citations of *Chrysocoris praetextatus* Breddin, 1905 and *Chrysocoris puellus* (Vollenhoven, 1868) from CH (Tang, 1935; Stichel, 1961) are based on misinterpretations.

Subgenus *Chlorolampra* Stål, 1873

Chlorolampra Stål, 1873: 20 (as section of subgenus *Chrysocoris*). Type species by monotypy: *Scutellera germari* Eschscholtz, 1822.

***Chrysocoris germari* (Eschscholtz, 1822)**

Scutellera germari Eschscholtz, 1822: 100. STS: Philippines, Manila; ZMUM.

Callidea consul Vollenhoven, 1863: 36 (syn. Stål, 1871: 618). STS: ♀, Philippines, Manila; RMNH.

Callidea jucunda Walker, 1867b: 44 (syn. Distant, 1899c: 39). HT: locality unknown; BMNH.

Chrysocoris germari “var. (subsp.?)” *occidentalis* Taeuber, 1929: 197. STS: ♂, ♀, Philippines, N Palawan (Bacuit; Binaluan), NW Panay, and Mindoro (Abra de Ilog).

Distr. AS: CH (SE?). **EL:** Oriental Region.

Note: Contrary to Taeuber (1929: 196, 198), *consul* cannot be treated as subspecies of *germari*, as both were described from Manila. Old records from CH (Dallas, 1851a; Walker, 1867b) are doubtful (Hoffmann, 1948: 6). Taeuber (1929) considered all records outside of Philippines to be erroneous.

Subgenus *Chrysocoris* Hahn, 1834

***Chrysocoris abdominalis* (Westwood, 1837)**

Chrysocoris stollii (non Wolff, 1801): Hahn, 1834: 39. Misidentification (see Westwood, 1837: 4, 15).

Callidea abdominalis Westwood, 1837: 15. ST(S): Indonesia, Java; OXUM.

Scutellera dilaticollis Guérin-Méneville, 1838: 160, 164 (syn. Dallas, 1851a: 29). STS: Indonesia, Java; MNHN.

Galostha stockerus (non Linnaeus, 1763): Amyot & Serville, 1843: 34. Misidentification (see Dallas, 1851a: 29).

Callidea sumatrana Vollenhoven, 1863: 28 (syn. Stål, 1873: 21). STS: ♂, ♀, Indonesia, Sumatra; RMNH.

Distr. AS: CH (SE). **EL:** Oriental Region.

***Chrysocoris eques* (Fabricius, 1794)**

Cimex eques Fabricius, 1794: 79. STS: India, “Tranquebaria” [= area around Madras]; ZMUC.

Callidea formosa Westwood, 1837: 15 (syn. Dallas, 1851a: 28). ST(S): CH; OXUM.

Callidea dorsalis A. White, 1842b: 80 (syn. Dallas, 1851a: 28). ST(S): Philippines; BMNH.

Callidea schwaneri Vollenhoven, 1863: 26 (syn. Stål, 1873: 21). STS: ♂, ♀, Indonesia, Borneo; RMNH.

Chrysocoris eques var. *nicobarensis* Atkinson, 1887a: 13. STS: India, Nicobar Is; NZSI.

Chrysocoris eques var. *nicobaricus*: Atkinson, 1887b: 180. Incorrect spelling.

Distr. AS: CH (SE). **EL:** Oriental Region.

Subgenus *Fitha* Walker, 1867

Fitha Walker, 1867b: 45. Type species by monotypy: *Fitha ardens* Walker, 1867, India.

Chlorochrysa Stål, 1873: 20 (as section of subgenus *Chrysocoris*; syn. Kirkaldy, 1909b: 292). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Cimex stockerus* Linnaeus, 1763.

***Chrysocoris fascialis* (A. White, 1842)**

Callidea fascialis A. White, 1842a: 86. ST(S): India? (“Ind. Orient.”); BMNH.

Chrysocoris fascialis var. *venustria* Kirkaldy, 1910b: 110. HT: ♀, CH (SE), Macao; USNM?

Distr. AS: CH (SE) TA. **EL:** Oriental Region.

***Chrysocoris indigoferus* Distant, 1901**

Chrysocoris indigoferus Distant, 1901e: 582. ST(S): CH (SE), Hainan; BMNH.

Distr. AS: CH (SE).

***Chrysocoris ornatus* (Dallas, 1851)**

Callidea ornata Dallas, 1851a: 27. ST(S): CH; BMNH.

Distr. AS: CH. **EL:** Oriental Region.

Ref.: Sharp, 1890 (male genitalia).

***Chrysocoris patricius* (Fabricius, 1798)**

Cimex patricius Fabricius, 1798: 527. STS: India, “Tranquebaria” [= area around Madras]; ZMUC.

Callidea bengalensis Westwood, 1837: 15 (syn. Stål, 1873: 20). ST(S): India or Bangladesh (“Bengalia”); OXUM.

Callidea basilica Germar, 1839: 117 (syn. Stål, 1873: 20). For unnamed species in Stoll, 1785: 125, pl. 32, fig. 222A. STS: Surinam (in error); lost.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Chrysocoris purpureus* (Westwood, 1837)**

Cimex stockerus (non Linnaeus, 1758): Fabricius, 1794: 79. Misidentification (see Stål, 1868a: 10).

Callidea purpurea Westwood, 1837: 15. ST(S): India (“India Orientali”); OXUM.

Chrysocoris viridis Atkinson, 1887a: 12 (syn. Distant, 1899c: 39). STS: India, Punjab; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Chrysocoris stockerus* (Linnaeus, 1758)**

Cimex stockerus Linnaeus, 1758: 441. ST(S): AS; UZIU.

Callidea taprobanensis Westwood, 1837: 15 (syn. Dallas, 1851a: 27). ST(S): Ceylon [= Sri Lanka]; OXUM.

Callidea erichsoni Germar, 1839: 113 (syn. Dallas, 1851a: 27). ST(S): India (“India orientalis”); ZMHB?

Chrysocoris elatus Stål, 1868a: 11 (syn. Distant, 1902a: 57). For *stockerus* sensu Germar, 1839: 114. ST(S): India.

Distr. AS: CH? TA? **EL:** Oriental Region.

Note. According to Hoffmann (1948: 6), records from CH and TA are doubtful.

***Chrysocoris stollii* (Wolff, 1801)**

Cimex stollii Wolff, 1801: 48. ST(S): India (“India orientalis”); lost.

Scutellera stockerus (non Linnaeus, 1758): Guérin-Méneville, 1838: 159.

Misidentification (see Stål, 1873: 21).

Callidea porphyricola Walker, 1867b: 29 (syn. Distant, 1899c: 39). HT: India (“Hindostan”); BMNH.

Distr. AS: CH (CE NO SE SW WP) TA. **EL:** Oriental Region.

Ref.: Bajjal & Agarwal, 1980 (genitalia).

Genus *Cosmocoris* Stål, 1865

Cosmocoris Stål, 1865c: 34. Type species by subsequent designation (Schouteden, 1904a: 38): *Callidea sellata* A. White, 1842, Philippines.

***Cosmocoris coxalis* (Stål, 1864)**

Callidea coxalis Stål, 1864: 47. STS: ♂, ♀, Burma, Tringany; NHRS.

Callidea tessellata Walker, 1867b: 38 (syn. Distant, 1899c: 38). HT: Singapore; BMNH.

Callidea proxima Walker, 1867b: 39 (syn. Distant, 1899c: 38). HT: Singapore; BMNH.

Distr. AS: CH? **EL:** Burma, Singapore.

Note. Record from “S China” (Kirkaldy, 1909b: 382) probably erroneous. The species was not included by Kirkaldy (1910b) in his list of species from “Oriental China”.

Genus *Eucorysses* Amyot & Serville, 1843

Eucorysses Amyot & Serville, 1843: 31. Type species by monotypy: *Eucorysses pallens* Amyot & Serville, 1843 (= *Cimex grandis* Thunberg, 1783).

***Eucorysses grandis* (Thunberg, 1783)**

Cimex grandis Thunberg, 1783: 31. ST(S): India (“India orientalis”); UZIU.

Cimex baro Fabricius, 1798: 528 (syn. Stål, 1866: 154). STS: CH; ZMUC.

Calliphara iris Germar, 1839: 128 (syn. Lehman, 1923: 181, suspected; Taeuber, 1929: 208). ST(S): Indonesia, Bintam [= Batam] Is. nr Singapore; ZMHB (lost).

Eucorysses pallens Amyot & Serville, 1843: 31 (syn. Amyot & Serville, 1843: 31, with *baro*, suspected; Dallas, 1851a: 23, with *baro*). STS: ♂, Indonesia, Java; NHMW, Museum d’Histoire Naturelle, Lille, FR.

Callidea sexmaculata (non Leach, 1815): Dallas, 1851a: 23. Misidentification (see Stål, 1873: 19).

Eucorysses superbus Uhler, 1860: 221 (junior secondary homonym of *Callidea superba* Dallas, 1851). STS: ♀, JA, Honshu, Simoda [= Shimoda]; USNM.

Callidea distinguenda Uhler, 1861b: 286 (syn. Stål, 1873: 18). New name for *superbus*

- Uhler, 1860.
Tetrarthria tetraspila Walker, 1867b: 19 (syn. Walker, 1868: 509, with *baro*). HT: Siam [= Thailand]; BMNH.
Eucorysses iris var. *sultanina* Breddin, 1903b: 75. STS: ♂, ♀, Burma, Chan Yoma; DEIC?
Distr. AS: CH (CE NO SE SW WP) JA KO TA. **EL:** Oriental Region.
Ref.: Kobayashi, 1956 (preimaginal stages).
- Eucorysses javanus* (Westwood, 1837)**
Tectocoris javana Westwood, 1837: 14. STS: Indonesia, Java; OXUM.
Scutellera atricapilla Guérin-Méneville, 1838: 156 (syn. Dallas, 1851a: 24). STS: Indonesia, Java; MNHN.
Callidea variabilis Vollenhoven, 1863: 22 (syn. Stål, 1866: 155, with *atricapilla*). STS: ♀, Indonesia, Bali; RMNH.
Callidea ampla Walker, 1867b: 35 (syn. Distant, 1899c: 51, with *atricapilla*). HT: Indonesia, Bali; BMNH.
Chrysocoris atricapillus var. *vollenhoveni* Lethierry & Severin, 1893: 25. For var. “*c*” in Stål, 1873: 19. ST(S): ♀, Indonesia, Java; NHMW.
Chrysocoris atricapillus var. *rubrocinctus* Breddin, 1899a: 159. STS: Indonesia, Lombok (Sapit) and Java (south); ZMUH.
Distr. AS: CH (SE). **EL:** Oriental Region.
- Genus *Lamprocoris* Stål, 1865**
- Lamprocoris* Stål, 1865c: 34. Type species by subsequent monotypy (Stål, 1866: 155):
Scutellera lateralis Guérin-Méneville, 1838.
- Subgenus *Lamprocoris* Stål, 1865**
- Lamprocoris formosanus* (Matsumura, 1913)**
Chrysophara formosana Matsumura, 1913: 106. ST(S): TA, Arisan [= Alishan]; EIHU?
Distr. AS: TA.
Ref.: Esaki, 1926a (syst. posit.).
- Lamprocoris giranensis* Matsumura, 1913**
Lamprocoris giranensis Matsumura, 1913: 105. HT: ♀, TA, Giran [= Ilan]; EIHU?
Distr. AS: TA.
- Lamprocoris lateralis* (Guérin-Méneville, 1838)**
Scutellera lateralis Guérin-Méneville, 1838: 159, 160. STS: Indonesia, Java; MNHN.
Callidea contraria Walker, 1867b: 30 (syn. Distant, 1899c: 39). HT: India (“Hindostan”); BMNH.
Distr. AS: CH (SE SW WP) TA. **EL:** Oriental Region.
- Lamprocoris roylii* (Westwood, 1837)**
Callidea roylii Westwood, 1837: 16. ST(S): India (“Himalaya, Bengalia”); OXUM.
Callidea gibbula Walker, 1867b: 29 (syn. Distant, 1899c: 39). HT: India, Punjab; BMNH.
Callidea histeroides Walker, 1867b: 28 (syn. Distant, 1899c: 39). HT: India, Cahar [= Silchar]; BMNH.
Callidea scripta Walker, 1867b: 29 (syn. Distant, 1899c: 39). STS: India (Cahar [= Silchar] and “Hindostan”); BMNH.
Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

Subgenus *Sophela* Walker, 1867

Sophela Walker, 1867b: 17 (as syn. by Distant, 1899c: 49; as subgenus by Schouteden, 1904a: 28). Type species by monotypy: *Callidea spinigera* Dallas, 1849.

***Lamprocoris spiniger* (Dallas, 1849)**

Callidea spinigera Dallas, 1849: 186. STS: ♂, ♀, Bhutan; BMNH.

Distr. AS: CH (SW WP). **EL:** Oriental Region.

Genus *Lampromicra* Stål, 1873

Philya Stål, 1865c: 33 (junior homonym of *Philya* Walker, 1858, Homoptera). Type species by subsequent designation (Schouteden, 1904a: 29): *Tetyra senator* Fabricius, 1803, Indonesia to Australia.

Philia (non Schiødte, 1842): Stål, 1873: 15. Misidentification (see Kirkaldy, 1905: 79).

Lampromicra Stål, 1873: 16 (as subgenus of *Philia* sensu Stål, 1873). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Callidea festiva* Germar, 1839, Philippines.

Schioedtia Kirkaldy, 1905: 79. For *Philia* sensu Stål, 1873. Type species by original designation: *Tetyra senator* Fabricius, 1803, Indonesia to Australia.

***Lampromicra miyakona* (Matsumura, 1905)**

Brachyaaulax miyakonus Matsumura, 1905b: 33. STS: ♂, ♀, JA, Okinawa Is, Miyako Is.; EIHU.

Lamprocoris miyakoensis: Matsumura, 1913: 106. Incorrect spelling.

Distr. AS: JA (Ryukyus).

Ref. Esaki, 1932 (syst. posit.).

Genus *Poecilocoris* Dallas, 1848

Poecilochroma A. White, 1842a: 84 (junior homonym of *Poecilochroma* Stephens, 1829, Lepidoptera). Type species by monotypy: *Cimex drurarei* Linnaeus, 1771.

Poecilocoris Dallas, 1848: 100. New name for *Poecilochroma* A. White, 1842.

Ioglena Stål, 1873: 12 (as subgenus of *Poecilocoris*; syn. Schouteden, 1904a: 20). Type species by subsequent designation (Kirkaldy, 1909b: xxxv): *Tetyra denovani* Burmeister, 1834, Philippines.

Extralimital subgenus: *Parapoecilocoris* Schouteden, 1904, Oriental Region.

Subgenus *Poecilocoris* Dallas, 1848

***Poecilocoris balteatus* (Distant, 1892)**

Poecilochroma balteata Distant, 1892b: 96. HT: India, Assam, Harmatti at base of Dafla Hills (see Distant, 1902a: 45); BMNH.

Distr. AS: CH (SE). **EL:** Oriental Region.

Ref.: L.Y. Zheng & G.Q. Liu, 1987a (distr.).

***Poecilocoris capitatus* Yang, 1934**

Poecilocoris capitatus Yang, 1934d: 259, 264. STS (“type male” and “type female”):

♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou], Pin-Fa [= Pinba]; MNHN.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Poecilocoris dissimilis* Martin, 1902**

Poecilocoris dissimilis Martin, 1902: 333. HT: ♀, CH (SW), Yunnan, Yunnan-Jen [= Kunming]; MNHN.

Distr. AS: CH (CE SE SW).

***Poecilocoris druriei* (Linnaeus, 1771)**

Cimex druriei Linnaeus, 1771: 534. For unnamed species in Drury, 1770: 94, pl. 42, figs 1, 5. ST(S): CH.

Cimex sanguineus Goeze, 1778: 231 (junior primary homonym of *Cimex sanguineus* Schrank, 1776). Objective synonym of *druriei* Linnaeus, 1771.

Poecilocoris obsoletus Dallas, 1848: 104 (syn. Stål, 1873: 12). ST(S): ♂, CH (SE), Hong Kong; BMNH.

Poecilocoris quindecimguttatus Matsumura, 1913: 108 (syn. Esaki, 1926a: 144). STS: ♀, TA, Taihoku [= Taipei] and Horisha [= Poli]; EIHU?

Distr. AS: CH (CE SE SW) TA. **EL:** Oriental Region.

***Poecilocoris latus* Dallas, 1848**

Poecilocoris latus Dallas, 1848: 101. STS: ♂, ♀, CH; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Ref.: Sharp, 1890 (male genit.).

***Poecilocoris lewisi* (Distant, 1883)**

Poecilochroma lewisi Distant, 1883: 419. STS: ♂, ♀, JA, Honshu (Nikko, Kashiwagi [= part of Kawakami in Nara Pref.], Chiuzenji [nr Nikko], Yokohama); BMNH.

Poecilocoris lewisi var. *peipingensis* Yang, 1934d: 266. STS: ♂, ♀, CH (NO), Pékin [= Beijing]; MNHN.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE) TA.

Ref.: Kobayashi, 1954 (larvae), 1967a (phenology).

***Poecilocoris nepalensis* (Herrich-Schaeffer, 1837)**

Pachycoris nepalensis Herrich-Schaeffer, 1837 (May): 1. ST(S): Nepal; lost.

Tectocoris hardwickii Westwood, 1837: 13 (syn. Dallas, 1848: 107). ST(S): Nepal; OXUM.

Tectocoris affinis Westwood, 1837: 13 (syn. Dallas, 1848: 107). ST(S): Nepal; OXUM.

Poecilocoris anisospilus Walker, 1867b: 9 (syn. Distant, 1899c: 33, with *hardwickii*). HT: India, Cahar [= Silhar]; BMNH.

Poecilocoris nepalensis var. *flavus* Yang, 1934d: 263. ST(S): ♂, CH (probably, Guizhou; see Hoffmann, 1935a: 144); MNHN.

Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

Ref.: Sharp, 1890 (male genit.; *hardwickii*).

***Poecilocoris nigricollis* Horváth, 1912**

Poecilocoris nigricollis Horváth, 1912: 599. ST(S): ♀, Tonkin [= Vietnam], Muong-Bo; HNHM.

Distr. AS: CH (SE SW). **EL:** Vietnam.

***Poecilocoris plenisignatus* Walker, 1867**

Poecilocoris plenisignatus Walker, 1867b: 9. HT: CH (SE), Hong Kong; not found (Distant, 1899c: 33).

Distr. AS: CH (SE).

Note: This is a species inquirenda.

***Poecilocoris rufigenis* Dallas, 1851**

Poecilocoris rufigenis Dallas, 1851a: 14. ST(S): India, Assam; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Poecilocoris sanszesignatus* Yang, 1934**

Poecilocoris sanszesignatus Yang, 1934d: 260, 266. STS: ♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou], Yunnan (Tcheng-kong, Ta Tchoung [= Chengjiang, Niulanjang River] and without exact locality) and (WP?), “Tibet, Tsekou”; MNHN.

Poecilocoris sanszeus var. *flavimaculatus* Yang, 1934d: 267. STS: ♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou] (“Gan chouen Fou, Anshunfu” [=Anshun]) and Se-Tchouen [= Sichuan]; MNHN.

Distr. AS: CH (CE SE SW WP).

Note: The species was named *sanszesignatus* on pp. 260 and 273, but *sanszeus* on p. 266. Yang (1962: 35) acting as the first reviser used the spelling *sanszesignatus*, and it was accepted as the correct original spelling by all subsequent Chinese authors.

***Poecilocoris separabilis* Yang, 1934**

Poecilocoris separabilis Yang, 1934d: 260, 267. STS: ♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou], Pin-Fa [= Pinba]; MNHN.

Distr. AS: CH (SW).

Note. The species was named *separabilis* on p. 267, but *separatus* on p. 260 and 274. As the first spelling is the only used in the subsequent literature, it is fixed here as the correct original spelling.

***Poecilocoris splendidulus* Esaki, 1935**

Poecilocoris splendidulus Esaki, 1935: 105. HT: ♂, JA, Hikawamura nr Tokyo; KUEC.

Distr. AS: CH (CE SW) JA KO.

Ref.: Kobayashi, 1967a (preimaginal stages, phenology).

***Poecilocoris watanabei* Matsumura, 1913**

Poecilocoris watanabei Matsumura, 1913: 106. HT: ♀, TA, “Hoppon”; EIHU?

Distr. AS: TA.

Genus *Scutellera* Lamarck, 1801

Scutellera Lamarck, 1801: 293. Type species by monotypy: *Cimex nobilis* sensu Fabricius, 1775 (= *Tectocoris perplexa* Westwood, 1837).

***Scutellera amethystina* (Germar, 1839)**

Cimex fasciatus Panzer, 1798: 108 (junior secondary homonym of *Acanthia fasciata* Fabricius, 1787; syn. Dallas, 1851a: 19). ST(S): locality unknown; lost.

Calliphara amethystina Germar, 1839: 124. ST(S): Indonesia, Java; ZMHB (lost).

Tectocoris nepalensis Westwood, 1837: 14 (syn. Dallas, 1851a: 19). ST(S): Nepal; OXUM.

Callidea lanius Stål, 1854a: 231 (syn. Mayr, 1866: 22). ST(S): Indonesia, Java; NHRS.

Distr. AS: CH (SE SW) TA. **EL:** Oriental Region.

***Scutellera perplexa* (Westwood, 1837)**

Cimex nobilis (non Linnaeus, 1763): Fabricius, 1775: 697. Misidentification (see Westwood, 1837: 4).

Tectocoris perplexa Westwood, 1837: 4. For *nobilis* sensu Fabricius, 1775. STS: India (“Ind. Orient.”); OXUM.

Scutellera brevirostris Breddin, 1909: 258 (syn. Distant, 1918: 116). LT (Gaedike, 1971: 81): ♂, Sri Lanka, Kandy; DEIC.

Distr. AS: CH (NO SE SW). **EL:** Oriental Region.

Genus *Tetrarthria* Dallas, 1851

Tetrarthria Dallas, 1851a: 3, 20. Type species by monotypy: *Tetrarthria variegata* Dallas, 1851.

Tetrarthria variegata Dallas, 1851

Tetrarthria variegata Dallas, 1851a: 20. ST(S): Philippines; BMNH.

Tetrarthria marginepunctata Vollenhoven, 1863: 13 (syn. Walker, 1868: 508, suspected; Stål, 1871: 616). HT (“le type”): Indonesia, Java; RMNH.

Tetrarthria quinquemaculata Dohrn, 1863: 347 (syn. Stål, 1871: 616). ST(S): Philippines; NHRS.

Tetrarthria varia Walker, 1867b: 18 (syn. Distant, 1902a: 60). STS: CH (SE), Hong Kong; BMNH.

Tetrarthria lineata Walker, 1867b: 18 (syn. Distant, 1893a: 97). HT: CH (SE), Hong Kong; BMNH.

Tetrarthria congrua Walker, 1867b: 20 (syn. Distant, 1899c: 34). HT: Indonesia, Java; BMNH.

Tetrarthria lateralis Walker, 1867b: 21 (syn. Walker, 1868: 508, with *marginepunctata*). HT: Indonesia, Java; BMNH.

Tetrarthria maculata Walker, 1867b: 22 (syn. Schouteden, 1904a: 22). HT: Indonesia, Java; BMNH.

Tetrarthria basalis Walker, 1867b: 23 (syn. Distant, 1899c: 35, with *maculata*). HT: locality unknown; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region, Oceania.

Tribe SPHAEROCORINI Stål, 1873

SPHAEROCORINI Stål, 1873: 6 (Sphaerocoraria). Type genus: *Sphaerocoris* Burmeister, 1835.

Genus *Hyperoncus* Stål, 1871

Hyperoncus Stål, 1871: 615. Type species by monotypy: *Hyperoncus punctellus* Stål, 1871, Oriental Region.

Note. Citations of *Hyperoncus punctellus* Stål, 1871 from CH (Tang, 1935; Stichel, 1961) were based on misinterpretation.

Hyperoncus lateritius (Westwood, 1837)

Sphaerocoris lateritia Westwood, 1837: 13. ST(S): India (“India Orientali”); OXUM.

Hyperoncus lateritius var. *maculatus* Yang, 1934d: 272. STS: ♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou] (“Gan chouen Fou, Anshunfu” [= Anshun]), Se-Tchouen [= Sichuan] and Yunnan; MNHN.

Distr. AS: CH (CE SE SW WP). **EL:** Oriental Region.

Genus *Sphaerocoris* Burmeister, 1835

Sphaerocoris Burmeister, 1835: 390. Type species by subsequent designation (Schouteden, 1903: 13): *Cimex annulus* Fabricius, 1775.

[*Sphaerocoris annulus annulus* (Fabricius, 1775)]

Cimex annulus Fabricius, 1775: 697. ST(S): Senegal; ZMUC (1 ST).

Cimex argus Drury, 1782: 67, pl. 46, fig. 9 (syn. Fabricius, 1803: 133). ST(S): Sierra Leone.

Scutellera gibbosa Palisot de Beauvois, 1820: 232 (syn. Schiødte, 1842: 289). ST(S): “Africa”; lost?

Sphaerocoris annularis Westwood, 1837: 13 (syn. Schiødte, 1842: 289). ST(S): South Africa, Cape of Good Hope; OXUM.

Sphaerocoris distinctus Signoret, 1851b: 441 (syn. Stål, 1865c: 48, with *argus*). STS: ♂, ♀, Gabon; NHMW.
Distr. EL: tropical Africa]

***Sphaerocoris annulus ocellatus* Burmeister, 1835**

Sphaerocoris ocellatus Burmeister, 1835: 391 (as syn. of *annulus* by Schiødte, 1842: 289; as ssp. by Schouteden, 1903: 15). STS: Abessinia [= Ethiopia] and Senegambia [= area between the rivers Senegal and Gambia, mostly in Senegal and W Mali]; ZMHB.

Distr. AS: SA YE. **EL:** tropical Africa.

Subfamily TECTOCORINAE McDonald & Cassis, 1984

TECTOCORINAE McDonald & Cassis, 1984: 538, 566.

Note. The subfamily includes a single monotypic genus, which was previously placed in the tribe Scutellerini.

Genus *Tectocoris* Hahn, 1834

Tectocoris Hahn, 1834: 33. Type species by monotypy: *Tetyra cyanipes* Fabricius, 1803 (= *Cimex diophthalmus* Thunberg, 1783).

***Tectocoris diophthalmus* (Thunberg, 1783)**

Cimex lineola Fabricius, 1781: 340 (junior primary homonym of *Cimex lineola* Linnaeus, 1758; syn. Mayr, 1866: 22). ST(S): South Africa, Cape of Good Hope (in error); BMNH (1 ST).

Cimex diophthalmus Thunberg, 1783: 30. ST(S): South Africa, Cape of Good Hope (in error); UZIU.

Cimex cyanipes Fabricius, 1803: 133 (syn. Dallas, 1851a: 16). STS: Australia, Nova Cambria [= New South Wales]; ZMUC.

Cimex banksii Donovan, 1805: 29, pl. 11, fig. 1 (junior primary homonym of *Cimex banksii* Gmelin, 1790; syn. Vollenhoven, 1863: 8). ST(S): New Holland [= Australia].

Cimex schoenherri Eschscholtz, 1822: 99 (syn. Dallas, 1851a: 16, with *banksii*). ST(S): Philippines, Manila.

Scutellera cyanipoda Boisduval, 1835: 622 (syn. Dallas, 1851a: 16, with *banksii*). STS: Tonga, Tongatapu; MNHN.

Scutellera tongae Boisduval, 1835: 624 (syn. Herrich-Schaeffer, 1840a: 74, with *banksii*). ST(S): Tonga, Tongatapu; MNHN.

Tectocoris gambiae Westwood, 1837: 14 (syn. Stål, 1873: 11, with *lineola*). ST(S): Gambia (in error); OXUM.

Tectocoris pusillus Walker, 1867b: 13 (syn. Walker, 1867b: 13, with *banksii*, suspected; Distant, 1899c: 33, with *lineola*). HT: New Caledonia; BMNH.

Tectocoris obliquus Walker, 1867b: 13 (syn. Walker, 1867b: 14, with *cyanipes*, suspected; Distant, 1899c: 33, with *lineola*). HT: locality unknown; BMNH.

Tectocoris amboinensis Walker, 1867b: 14 (syn. Distant, 1899c: 33, with *lineola*). HT: Indonesia, Amboina [= Ambon]; BMNH.

Tectocoris diophthalmus var. *rufus* Stål, 1871: 617. ST(S): Philippines; NHRS.

Tectocoris diophthalmus var. *tagalicus* Stål, 1871: 617. ST(S): Philippines; NHRS.

Tectocoris diophthalmus var. *peregrina* Kirkaldy, 1909b: 306. New name for *lineola* Fabricius, 1803.

Tectocoris diophthalmus var. *cookiana* Kirkaldy, 1909b: 306. For the colour form identified as *cyanipes* by Blanchard (1840: 159) and Vollenhoven (1863: 8), as *banksii* by Montrouzier (1855: 92; 1861: 62) and Froggatt (1901: 1594), and as *lineola* by Froggatt (1907: 327). STS: Indonesia, Oceania, and Australia; MNHN, RMNH, ?MRAC, and Australian National Insect Collection, CSIRO, Canberra, Australia.

Tectocoris diophthalmus var. *venusta* Kirkaldy, 1909b: 307. For “*Scutellera cyanipoda* var.” in Boisduval, 1835: 623. ST(S): Tonga, Tongatapu; MNHN.

Distr. AS: CH? **EL:** Australian and Oriental Regions, including Pacific Islands.

Note: The species was cited from CH by Yang (1934d), but the source of the record cannot be traced and no subsequent records are known.

Subfamily ODONTOTARSINAE Mulsant & Rey, 1865

ODONTOTARSINAE Mulsant & Rey, 1865: 39 (Odontarsaires). Type genus: *Odontotarsus* Laporte, 1833 (as *Odontarsus*).

Tribe ODONTOTARSINI Mulsant & Rey, 1866

Genus *Alphocoris* Germar, 1839

Alphocoris Germar, 1839: 58. Type species by subsequent designation (Distant, 1902a: 67): *Alphocoris lixoides* Germar, 1839, Senegal.

Sphenaspis Jakovlev, 1877a: 72 (syn. Puton, 1886a: 6). Type species by monotypy: *Sphenaspis curculionoides* Jakovlev, 1877.

***Alphocoris curculionoides* (Jakovlev, 1877)**

Sphenaspis curculionoides Jakovlev, 1877a: 72. HT: ♀, IN, Shahrud; ZMAS.

Distr. AS: AF IN TM.

***Alphocoris halophilus* Linnavuori, 1984**

Alphocoris halophilus Linnavuori, 1984: 3. HT: ♂, IQ, Salah ed Din, Tharthar lake; AMNH.

Distr. AS: IN IQ.

***Alphocoris larinoides* Germar, 1839**

Alphocoris larinoides Germar, 1839: 60. STS: Senegal; ZMHB.

Tetyra (*Alphocoris*) *mucorea* Klug, 1845: sign. c (syn. Klug, 1845: sign. c). STS: Sudan, Ambukohl (nr Korti); ZMHB.

Alphocoris crassus Stål, 1865c: 61 (syn. Schouteden, 1903: 84). HT: ♀, Senegal; NHMW.

Distr. NA: AG EG. **AS:** SA YE. **EL:** tropical Africa.

***Alphocoris pachycephalus* Bergevin, 1931**

Alphocoris pachycephalus Bergevin, 1931a: 153. STS: ♀, AG, Hoggar [= Ahaggar] Mts, haut Igharghar, dunes de Timelain; MNHN.

Distr. NA: AG TU.

***Alphocoris pfeifferi* Hoberlandt, 1997**

Alphocoris pfeifferi Hoberlandt, 1997: 196. HT: ♂, IN, Baluchestan, valley of the river Pish mant Kowr near the village Pish mant-e Kahur, 55 km NNW of Tis on the road Tis-Nikshahr; NMPC.

Distr. AS: IN.

Genus *Ellipsocoris* Mayr, 1864

Ellipsocoris Mayr, 1864: 906. Type species by monotypy: *Ellipsocoris trilineatus* Mayr, 1864.

***Ellipsocoris tamerlani* Kiritshenko, 1914**

Ellipsocoris tamerlani Kiritshenko, 1914a: 398. HT: ♀, UZ, Agalyk-poyon nr Samarkand; ZMAS.

Distr. AS: AF IN TD UZ.

***Ellipsocoris trilineatus* Mayr, 1864**

Ellipsocoris trilineatus Mayr, 1864: 906. HT: LE, Beirut; NHMW.

Distr. NA: EG. **AS:** AR AT IN IS LE SY.

Genus *Melanodema* Jakovlev, 1880

Melanodema Jakovlev, 1880a: 205. Type species by monotypy: *Melanodema carbonarium* Jakovlev, 1880.

***Melanodema carbonaria* Jakovlev, 1880**

Melanodema carbonarium Jakovlev, 1880a: 206. LT (Derzhansky et al., 2002: 363): ♀, IN, Shakhuh; ZMAS.

Melanodema apicifera Distant, 1899c: 46 (syn. V.G. Putshkov, 1965: 94). HT (see Distant, 1902a: 69): “India, Bombay” (but rather Pakista, Sind).

Distr. AS: AK! IN KI TD TM UZ. **EL:** Pakistan.

Genus *Odontotarsiellus* Hoberlandt, 1955

Odontotarsiellus Hoberlandt, 1955: 123. Type species by original designation:

Odontotarsiellus esfandiarii Hoberlandt, 1955.

***Odontotarsiellus esfandiarii* Hoberlandt, 1955**

Odontotarsiellus esfandiarii Hoberlandt, 1955: 123. HT: ♂, IN, Fars, Neiriz, Halilabad; NMPC.

Distr. AS: IN.

Genus *Odontotarsus* Laporte, 1833

Odontotarsus Laporte, 1833: 68. Type species by monotypy: *Cimex purpureolineatus* Rossi, 1790.

Odontotarsus Mulsant & Rey, 1865: 47. Unjustified emendation.

Ref.: Göllner-Scheiding, 1990 (revision).

***Odontotarsus angustatus* Jakovlev, 1884**

Odontotarsus angustatus Jakovlev, 1884a: 120. HT: ♀, UZ, Tashkent; ZMAS.

Distr. AS: AF AK AT IN IQ KI TD TM UZ.

***Odontotarsus armiger* Kiritshenko, 1914**

Odontotarsus armiger Kiritshenko, 1914a: 397. LT (Seidenstücker & Josifov, 1963: 68, 73): ♂, UZ, Termez; ZMAS.

Distr. AS: AB AF AR IN IQ JO SI TD TM UZ.

***Odontotarsus callosus* Horváth, 1896**

?*Odontotarsus grammicus* var. *unicolor* Oliveira, 1895: 104 (syn. Göllner-Scheiding, 1990: 339, suspected). STS: PO; Museo e Laboratorio Zoologico, Universidade de Coimbra, PO.

Odontotarsus callosus Horváth, 1896a: 322. LT (Göllner-Scheiding, 1990: 339, as HT): ♂, AG, Bône [= Annaba]; HNHM.

Distr. EU: FR PO SP. **NA:** AG.

***Odontotarsus caudatus* (Burmeister, 1835)**

Pachycoris caudatus Burmeister, 1835: 392. LT (Göllner-Scheiding, 1990: 341): ♂, IT, Sardinia; ZMHB.

Odontotarsus productus Spinola, 1837: 362 (syn. Rambur, 1839: 104). LT (Göllner-Scheiding, 1990: 341): ♂, IT, Sardinia; ZMHB.

Distr. EU: CR GR IT MA PO SP YU. **NA:** AG CI EG LB MO TU. **AS:** SY.

***Odontotarsus crassus* Kiritshenko, 1966**

Odontotarsus crassus Kiritshenko, 1966: 799. HT: ♀, IN, Jejrud River, 40 km NE of Teheran; ZMAS.

Distr. AS: IN.

***Odontotarsus freyi* Puton, 1882**

Odontotarsus freyi Puton, 1882: 22. LT (Göllner-Scheiding, 1990: 343): ♂, IS, Haifa; MNHN.

Odontotarsus horvathi Puton, 1892b: 24 (syn. Göllner-Scheiding, 1990: 343). LT (Göllner-Scheiding, 1990: 343): ♂, TU, Kef Kourrat; MNHN.

Distr. EU: GR SP. **NA:** AG EG IN MO TU. **AS:** IS JO SY.

***Odontotarsus grammicus* (Linnaeus, 1767)**

Cimex grammicus Linnaeus, 1767: 716. LT (Göllner-Scheiding, 1990: 345, as HT): ♀, MO or AG (“Mauretania”); LSUK.

Odontotarsus concinnus Horváth, 1906a: 466, 476 (syn. Göllner-Scheiding, 1990: 345). LT (Göllner-Scheiding, 1990: 345): ♂, AG, Oran, Tiout; MNHN.

Odontotarsus grammicus var. *exutus* Horváth, 1923: 203. HT: ♂, AG, Constantine; HNHN.

Distr. EU: PO SP. **NA:** AG EG LB MO TU.

***Odontotarsus impictus* Jakovlev, 1886**

Odontotarsus impictus Jakovlev, 1886: 81, 84. LT (Göllner-Scheiding, 1990: 347): ♂, UZ, Tashkent; ZMAS.

Odontotarsus lautus Horváth, 1891a: 75 (syn. Göllner-Scheiding, 1990: 347). LT (Göllner-Scheiding, 1990: 347, as HT): ♀, TM; HNHN.

Odontotarsus purpureolineatus var. *decolor* Horváth, 1906a: 466, 473 (syn. Göllner-Scheiding, 1990: 347). LT (Göllner-Scheiding, 1990: 347): ♂, TM, Kopet Dag; HNHN.

Odontotarsus impictus var. *mendax* Horváth, 1906a: 478. LT (Göllner-Scheiding, 1990: 349): ♀, AK, Shymkent Prov., “Bekljarbek”; MZHF.

Distr. AS: AB AF AK AR AT GG IN IQ KI TD TM UZ.

***Odontotarsus intermedius* Horváth, 1923**

Odontotarsus intermedius Horváth, 1923: 201. LT (Göllner-Scheiding, 1990: 349): ♀, AG, Oran; HNHN.

Odontotarsus humeralis Horváth, 1923: 202 (syn. Göllner-Scheiding, 1990: 349). HT: ♂, AG, Ghardaia; HNHN.

Distr. EU: SP. **NA:** AG EG. **AS:** IS.

Note: The record from CI (Göllner-Scheiding, 1990: 351) has to be confirmed.

***Odontotarsus latissimus* Göllner-Scheiding, 1990**

Odontotarsus latissimus Göllner-Scheiding, 1990: 351. HT: ♂, AT, Kurdistan, nr Diyarbakir [= Diarbekr]; ZSMC.

Distr. EU: ET GR. **AS:** AT IN IQ SY.

***Odontotarsus obsoletus obsoletus* Horváth, 1906**

Odontotarsus purpureolineatus var. *obsoletus* Horváth, 1906a: 473 (upgraded by Göllner-Scheiding, 1990: 353). LT (Göllner-Scheiding, 1990: 353): ♂, AR or AB, “Araxesthal” [= valley of Arax]; HNHM.

Distr. AS: AK AR AT KI TM UZ.

***Odontotarsus obsoletus furvus* Kiritshenko, 1926**

Odontotarsus furvus Kiritshenko, 1926a: 57 (downgraded by Göllner-Scheiding, 1990: 354). LT (Göllner-Scheiding, 1990: 354): ♂, UZ, Aktash NE of Tashkent; ZMAS.

Distr. AS: AK IN KI UZ.

***Odontotarsus oculatus* Horváth, 1882**

Odontotarsus oculatus Horváth, 1882: 217. LT (Josifov, 1958: 265, as HT): ♂, IS, Kaifa [= Haifa]; HNHM.

Odontotarsus plicatulus var. *lemniscatus* Horváth, 1929: 329 (syn. Seidenstücker & Josifov, 1963: 73). LT (Seidenstücker & Josifov, 1963: 68, as HT): ♀, IS, Khudeira [= Hadera] nr Haifa; NHMW.

Distr. AS: AT CY IN IS SY.

***Odontotarsus parvulus* Horváth, 1917**

Odontotarsus parvulus Horváth, 1917b: 366. LT (Göllner-Scheiding, 1990: 356, as HT): ♂, GR, Creta, Canea; HNHM.

Distr. EU: BU GR.

***Odontotarsus plicatulus* Horváth, 1906**

Odontotarsus plicatulus Horváth, 1906a: 482. LT (Seidenstücker & Josifov, 1963: 68): ♂, AT, Amasia; HNHM.

Odontotarsus confraginosus Hoberlandt, 1956: 169 (syn. Seidenstücker & Josifov, 1963: 73). HT: ♀, AT, Mogan gölü; NMPC.

Distr. EU: BU GR MC. **NA:** EG. **AS:** AT IN IS SY.

***Odontotarsus purpureolineatus* (Rossi, 1790)**

Cimex purpureolineatus Rossi, 1790: 228. ST(S): IT; lost.

Odontotarsus grammicus [var.] *lutescens* Fieber, 1861: 377 (syn. Horváth, 1906a: 474). STS: EU.

?*Odontotarsus nigricornis* Garbiglietti, 1869: 44 (syn. Horváth, 1906a: 475, with *rugicollis*, suspected). STS: IT, “in collibus Taurinensibus” [= Turin]; MIZT?

Odontotarsus rugicollis Jakovlev, 1884a: 121 (syn. Kerzhner, 1964a: 365). HT: ♀, RU (ST), Orenburg; ZMAS.

Odontotarsus insignis Jakovlev, 1908c: 245 (syn. Kerzhner, 1964a: 365). HT: ♀, GG, Gagry; ZMAS.

Odontotarsus purpureolineatus f. *confluens* Hoberlandt, 1944: 330. HT: ♂, GR, Litochoron; NMPC.

Distr. EU: AL BE BH BU CR CZ EK ET FR GE GR HU IT MA MC MD PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** EG. **AS:** AB AK AR AT CH (NW) GG IN IQ IS JO KI LE SY TD TM UZ.

***Odontotarsus robustus* Jakovlev, 1884**

Odontotarsus robustus Jakovlev, 1884a: 123. LT (Göllner-Scheiding, 1990: 360): ♀, RU (ST), Dagestan, Derbent; ZMAS.

Odontotarsus flavus Jakovlev, 1885a: 102 (syn. Horváth, 1906a: 472). LT (Göllner-Scheiding, 1990: 365, as HT): ♂, TM, “Achal-Tekke” [= Ashkhabad]; ZMAS.

Odontotarsus robustus var. *dilutus* Horváth, 1917b: 367. LT (Göllner-Scheiding, 1990: 364): ♂, CY, Larnaka; HNHM.

Distr. EU: AL BH BU CR ET FR GR HU IT MC RU (ST: Caucasus) SP UK YU. **NA:** EG. **AS:** AB AR AT CY IN IQ IS JO GG LE SY TM.

***Odontotarsus rufescens* Fieber, 1861**

Odontotarsus grammicus [var.] *rufescens* Fieber, 1861: 377 (upgraded by Horváth, 1906a: 478). ST(S): EU (south).

Odontotarsus irroratus Horváth, 1882: 218 (syn. Horváth, 1906a: 479). LT (Göllner-Scheiding, 1990: 367): ♂, AT, Brussa [= Bursa]; HNHM.

Odontotarsus rufescens var. *vittiger* Horváth, 1906a: 479. LT (Göllner-Scheiding, 1990: 367): ♀, GR, Athen, Pentelikon; HNHM.

Odontotarsus purpureolineatus f. *nigropunctata* Hoberlandt, 1944: 330 (syn. Göllner-Scheiding, 1990: 365). LT (Göllner-Scheiding, 1990: 365, as HT): ♀, BU, Kresnensko defile; NMPC.

Odontotarsus karatasensis Hoberlandt, 1956: 165 (syn. Göllner-Scheiding, 1990: 365). HT: ♂, AT, Karatas; NMPC.

Distr. EU: BU GR MC. **NA:** EG. **AS:** AT CY IN IQ IS JO LE SY.

Tribe PHIMODERINI Fuente, 1974

PHIMODERINI Fuente, 1974a: 243, 250. Type genus: *Phimodera* Germar, 1839.

Genus *Phimodera* Germar, 1839

Phimodera Germar, 1839: 60. Type species by subsequent designation (Schouteden, 1904a: 84): *Podops galgulinus* Herrich-Schaeffer, 1837 (= *Tetyra humeralis* Dalman, 1823).

Phymatodera Kolenati, 1846b: 7. Unjustified emendation.

Ref.: Kerzhner, 1976 (revision of Palaearctic species); Nonnaizab & X.D. Wang, 1984 (species from Inner Mongolia); Reuter, 1906 (revision, outdated).

***Phimodera amblygonia* Fieber, 1863**

Phimodera amblygonia Fieber, 1863a: 8. STS: ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; MNHN? MNHG?

Phimodera orthochila Oshanin, 1891: 29 (syn. Reuter, 1906: 28). Nomen nudum.

Phimodera aridella Jakovlev, 1903e: 82 (syn. Schouteden, 1904a: 84). LT (Kerzhner, 1976: 76): ♂, UZ, Dyurt-Kul nr Katta-Kurgan; ZMAS.

Distr. EU: EK RU (ST) UK. **AS:** AK KI TD UZ.

***Phimodera bergi* Jakovlev, 1905**

Phimodera bergi Jakovlev, 1905b: 114. LT (Kerzhner, 1976: 67): ♀, AK, Balkhash, Min-Aral; ZMAS.

Distr. AS: AK CH (NO) MG.

***Phimodera carinata* Reuter, 1879**

Phimodera carinata Reuter, 1879a: 44. HT: ♀ (not ♂, see Kerzhner, 1993: 103), RU (ES), Dauria [= Transbaikalia]; MZHF.

Phimodera carinata var. *callosa* Reuter, 1879a: 46. HT: ♀, RU (ES), Dauria [= Transbaikalia]; MZHF.

Phimodera carinata var. *obscura* Reuter, 1906: 25. Unnecessary new name for var. *carinata* Reuter, 1879.

Phimodera carinata var. *reticulata* Reuter, 1906: 25. LT (Kerzhner, 1976: 71): ♀, MG (north); MZHF.

Phimodera rupshuensis Hutchinson, 1934: 120 (syn. Kerzhner, 1976: 69). HT: ♂, India, Kashmir, Poldo-le nr northern end of Tso Moriri; Yale University, New Haven, Conn., USA.

Distr. AS: CH (WP) MG RU (ES). **EL:** India (Kashmir).

***Phimodera curvipilis* Kerzhner, 1976**

Phimodera curvipilis Kerzhner, 1976: 78. HT: ♂, AK, Dzhabul Prov., Buru-baital [= Burylbaytal]; ZMAS.

Distr. AS: AK.

***Phimodera dlabolai* Hoberlandt, 1974**

Phimodera dlabolai Hoberlandt, 1974: 143. HT: ♂, MG, South Gobi Aimak, Dalandzadgad; NMPC.

Distr. AS: MG.

***Phimodera emeljanovi* Kerzhner, 1976**

Phimodera emeljanovi Kerzhner, 1976: 64. HT: ♂, MG, Uvs Aimag, NE shore of lake Ureg-nur; ZMAS.

Distr. AS: MG.

***Phimodera flori* Fieber, 1863**

Phimodera galgulina (non Herrich-Schaeffer, 1837): Flor, 1860: 82. Misidentification (see Fieber, 1863a: 6).

Phimodera flori Fieber, 1863a: 6. For *galgulina* sensu Flor, 1860. HT: ♀, LA, Pernigel [= Elgavkrasti].

Phimodera collina Jakovlev, 1889d: 317 (syn. Reuter, 1906: 21). LT (Kerzhner, 1976: 68): ♂, RU (ES), Irkutsk; ZMAS.

Phimodera flori var. *horvathi* Reuter, 1906: 22. HT: ♀, HU, Budapest; HMNH.

Distr. EU: AU CZ DE FR GE HU LA PL RU (CT ST) YU. **AS:** AK GG MG RU (ES WS).

***Phimodera fumosa* Fieber, 1863**

Phimodera fumosa Fieber, 1863a: 5. STS: ♀, RU (ST), Orenburg; MNHN?

Phimodera protracta Jakovlev, 1879: 7 (syn. Schouteden, 1904a: 85). HT: ♀, RU (ST), Dagestan, Akhty; ZMAS.

Phimodera distincta Jakovlev, 1880a: 204 (syn. Kerzhner, 1964a: 366). HT: ♀, RU (ST), Seroglazovo nr Astrakhan; ZMAS.

Phimodera argillacea Jakovlev, 1901b: 34 (syn. Kerzhner, 1972a: 365). LT (Kerzhner, 1972a: 365, as HT): ♀, CH (NW), Gansu, oase Sadzhou [= Dunhuang]; ZMAS.

Phimodera fumosa var. *pallens* Reuter, 1906: 30. LT (Derzhansky et al., 2002: 364): ♀, AB, Shamkhor; ZMAS.

Phimodera fumosa var. *plagigera* Reuter, 1906: 30. LT (Derzhansky et al., 2002: 364): ♂, RU (ST), Astrakhan; ZMAS.

Phimodera fumosa var. *infusata* Reuter, 1906: 31. LT (Derzhansky et al., 2002: 364): ♀, RU (ST), Orenburg; ZMAS.

Distr. EU: EK RU (ST) UK. **AS:** AB AK AR AT CH (NO NW) GG IN KI MG RU (ES FE WS) UZ.

***Phimodera humeralis* (Dalman, 1823)**

Tetyra humeralis Dalman, 1823: 94. HT: ♀, SV, Hallandia [= Halland]; NHRS.

Podops nodicollis Burmeister, 1835: 387 (syn. Baerensprung, 1860: 2; Kerzhner, 1976: 79). STS: RU (WS), Barnaul; ZMHB.

Podops galgulinus Herrich-Schaeffer, 1837: 29 (syn. Baerensprung, 1858a: 79; Kerzhner, 1976: 79). HT: ♀, HU; HNHN or lost.

Scutellera sellata Schilling, 1843: 160 (syn. Scholtz, 1847: 159, with *galgulina*). ST(S): PL, Breslau [= Wrocław]; lost.

Phimodera obtusata Krynicki in Ivanov & Chernay, 1871: 74 (syn. Yaroshevskiy, 1874: 91, with *nodicollis*). ST(S): UK, Kharkov; UCCU.

Phimodera bufonia Puton, 1888b: 362 (syn. Schouteden, 1904a: 85). STS: FR (Cap Breton in Landes) and RU (ST: Astrakhan and Sarepta [= Krasnoarmeysk nr Volgograd]); MNHN.

Phimodera caucasica Jakovlev, 1903f: 185, 187 (syn. Reuter, 1904: 13, with *galgulina*). LT (Kerzhner, 1976: 80): ♀, RU (ST), Orenburg Prov., Kurayli River (erroneously given as “Transcaucasia” in the original description); ZMAS.

Phimodera bianchii Jakovlev, 1903f: 186, 188 (syn. Reuter, 1904: 1, with *humeralis*). LT (Kerzhner, 1976: 80): ♂, RU (NT), Leningrad Prov., Lomonosov Distr., Lebyazh’e; ZMAS.

Phimodera picturata Jakovlev, 1903f: 190 (syn. Schouteden, 1904a: 85, with *nodicollis*). LT (Kerzhner, 1976: 80): ♂, AK, Kalbinskiy Range; ZMAS.

Phimodera ivanovi Semenov, 1903: 150 (syn. Reuter, 1904: 14, with *bufonia*). HT (see Kerzhner, 1976: 80): ♀, UK, Kharkov Prov., Kupyansk; ZMAS.

Phimodera humeralis var. *dalmanni* Reuter, 1904: 6. LT (Derzhansky et al., 2002: 364): ♀, RU (NT), Leningrad Prov., Lomonosov Distr., Lebyazh’e; ZMAS.

Phimodera humeralis var. *dorsigera* Reuter, 1906: 35. STS: ♂, ♀, locality not given.

Phimodera humeralis var. *antica* Reuter, 1906: 35. STS: ♂, ♀, locality not given.

Phimodera humeralis var. *connectens* Reuter, 1906: 35. STS: ♂, locality not given.

Phimodera nodicollis var. *binotata* Reuter, 1906: 38 (junior secondary homonym of *Scutellera binotata* Say, 1824). LT (Derzhansky et al., 2002: 363): ♀, RU (ST), Dagestan, Petrovsk [= Makhachkala]; ZMAS.

Phimodera nodicollis var. *rubiginosa* Reuter, 1906: 38. HT: ♀, RU (ST), Dagestan, Petrovsk [= Makhachkala]; ZMAS.

Phimodera nodicollis var. *extrema* Reuter, 1906: 38. HT: ♀, UK, Kharkov.

Phimodera galgulina var. *pallida* Reuter, 1906: 41 (junior primary homonym of *Phimodera carinata* var. *pallida* Reuter, 1879). STS: ♂, ♀, GE (Berlin) and HU (“Ofen” [= part of Budapest]).

Phimodera galgulina var. *grisea* Reuter, 1906: 41. STS: ♂, ♀, GE (Berlin and “Mügge” [= Müggel, see Schumacher, 1912b: 150]) and HU; ZMAS, MNHN, HNHN.

Phimodera galgulina var. *konovi* Reuter, 1906: 41. HT: ♀, GE, Fürstenberg in Mecklenburg; RMNH.

Phimodera galgulina var. *pallidula* Kirkaldy, 1909b: 267. New name for var. *pallida* Reuter, 1906.

Phimodera nodicollis var. *reuteriana* Kirkaldy, 1909b: 267. New name for var. *binotata* Reuter, 1906.

Phimodera galgulina f. *denigrata* Schumacher, 1912b: 150. HT: ♂, GE, Brandenburg, Müggelsee; ZMHB?

Phimodera galgulina f. *bollii* Schumacher, 1917: 345. STS: GE, Gross-Machnower Weinberg; ZMHB?

Phimodera galgulina f. *roseomaculata* Künow in Stichel, 1960b: 52. STS: RU (CT), “Ostpreussen” [= Kaliningrad Prov.].

Phimodera humeralis f. *simplex* Stichel, 1960a: 462.

Phimodera hispanica Fuente, 1972b: 87 (syn. Kerzhner, 2003a: 105). HT: ♂, SP,

- Olmedo; Universidad Complutense, Madrid, SP.
Distr. EU: AU BU BY CZ DE EK EN FI FR GE HU IT LA LT NL PL RO RU (CT NT ST) SK SP SV UK YU. **AS:** AK RU (WS).
- Phimodera jaxartensis* Kerzhner, 1976**
Phimodera jaxartensis Kerzhner, 1976: 74. HT: ♂, AK, Perovsk [= Kzyl-Orda]; ZMAS.
Distr. AS: AK.
- Phimodera kaszabi* Hoberlandt, 1968**
Phimodera kaszabi Hoberlandt, 1968: 138. HT: ♂, MG, East Gobi Aimak, 19 km of Sainshand; HNHM.
Distr. AS: MG.
- Phimodera kiborti* Jakovlev, 1889**
Phimodera kiborti Jakovlev, 1889a: 72. LT (Kerzhner, 1976: 67): ♀, RU (ES), Torgashino nr Krasnoyarsk; ZMAS.
Distr. AS: MG RU (ES FE WS).
- Phimodera laevilinea* Stål, 1873**
Phimodera laevilinea Stål, 1873: 28. ST(S): ♂, RU (ES), Dauria [= Transbaikalia]; NHRS.
Phimodera borealis Jakovlev, 1903e: 81 (syn. Schouteden, 1904a: 85). LT (Kerzhner, 1976: 68): ♂, RU (ES), Yakutsk; ZMAS.
Phimodera laevilinea var. *maculata* Reuter, 1906: 20. HT: ♂, RU (ES), Dauria [= Transbaikalia]; MZHF.
Phimodera yasumatsui Esaki & Ishihara, 1951: 34 (syn. Kerzhner, 1976: 68). HT: ♀, CH (NO), Shanxi, Taihuaichen-Tungtai; KUEC.
Distr. AS: CH (NO NW) MG RU (ES FE WS).
- Phimodera lapponica* (Zetterstedt, 1828)**
Tetyra lapponica Zetterstedt, 1828: 460. HT: ♂, SV, Lapland, Juckasjärvi; lost? (Reuter, 1904: 14).
Phimodera fennica J. Sahlberg, 1878b: 198 (syn. Reuter, 1904: 14). STS: ♀, FI, Uleaburg [= Oulu] and parish Suonenjoki in Savolaxia boreali [= Pohjois-Savo Prov.]; MZHF, UZMT.
Distr. EU: FI NR PL RU (NT) SV. **AS:** RU (ES).
- Phimodera mongolica* Reuter, 1891**
Phimodera mongolica Reuter, 1891a: 173. STS: RU (ES), Tuva, Kemtschik [= Khemchik R.]; MZHF.
Distr. AS: MG RU (ES).
- Phimodera montana* Kerzhner, 1976**
Phimodera montana Kerzhner, 1976: 61. HT: ♂, MG, Bayan Hongor Aimag, Ikh Bogd Ul; ZMAS.
Distr. AS: MG.
- Phimodera nigra* Reuter, 1879**
Phimodera carinata var. *nigra* Reuter, 1879a: 45 (upgraded by Kerzhner, 1993: 103). HT: ♂, RU (ES), Dauria [= Transbaikalia]; UZMT.
Phimodera carinata var. *pallida* Reuter, 1879a: 45 (syn. Kerzhner, 1993: 103). HT: ♀ (not ♂, see Kerzhner, 1993: 103), RU (ES), Dauria [= Transbaikalia]; MZHF.
Phimodera klementzorum Kerzhner, 1976: 72 (syn. Kerzhner, 1993: 103). HT: ♂,

MG, Bayan Hongor Aimag, Lamin-Gegen; ZMAS.
Distr. AS: CH (NO) MG RU (ES).

***Phimodera oculata* Jakovlev, 1880**

Phimodera oculata Jakovlev, 1880a: 202. HT: ♀, AK, Mangyshlak Peninsula; ZMAS.

Phimodera oculata var. *ferruginea* Reuter, 1906: 14. HT: ♀, “Ordubad”, actually “Orenburg Prov.” in old borders, probably AK (Mangyshlak Peninsula); ZMAS.

Distr. EU: RU (ST?). **AS:** AK.

***Phimodera reuteri* Kiritshenko, 1910**

Phimodera reuteri Kiritshenko, 1910a: 21. HT: ♀, RU (WS), Altai, Kosh-Agach; ZMAS.

Distr. AS: AK KI MG RU (ES WS).

***Phimodera semideserta* Kerzhner, 1976**

Phimodera semideserta Kerzhner, 1976: 72. HT: ♂, MG, Bayan Hongor Aimag, N shore of lake Orog-nur; ZMAS.

Distr. AS: MG.

***Phimodera sibirica* Kerzhner, 1976**

Phimodera sibirica Kerzhner, 1976: 71. HT: ♂, RU (WS), Altai Terr., Severnaya nr Slavgorod; ZMAS.

Distr. AS: MG RU (ES WS).

***Phimodera smolini* Kerzhner, 1976**

Phimodera smolini Kerzhner, 1976: 78. HT: ♂, KI, Terskey Alatau Mts, Semizbel Pass; ZMAS.

Distr. AS: KI.

***Phimodera testudo* Jakovlev, 1894**

Phimodera testudo Jakovlev, 1894: 128. LT (Kerzhner, 1976: 61): ♀, MG, Khangai Mts; ZMAS.

Distr. AS: MG.

***Phimodera tuberculata* Jakovlev, 1874**

Phimodera tuberculata Jakovlev, 1874b: 229. LT (Kerzhner, 1976: 77): ♂, RU (ST), Astrakhan; ZMAS.

Phimodera tuberculata var. *dorsalis* Reuter, 1906: 27. LT (Derzhansky et al., 2002: 364): ♂, RU (ST), Astrakhan; ZMAS.

Distr. EU: EK RU (ST). **AS:** AK.

Subfamily ODONTOSCELINAE Amyot & Serville, 1843

ODONTOSCELINAE Amyot & Serville, 1843: 67 (Odontoscélides). Type genus: *Odontoscelis* Laporte, 1833.

Note: If this group is considered to be a tribe of Odontotarsinae, the later name is to be retained, despite priority of Odontoscelini, in accordance with Art. 35.5 ICZN.

Genus *Holonotellus* Horváth, 1895

Holonotellus Horváth, 1895a: 152. Type species by monotypy: *Holonotellus maculicollis* Horváth, 1895.

***Holonotellus maculicollis* Horváth, 1895**

Holonotellus maculicollis Horváth, 1895a: 152. HT: ♂, IN, Shahrud; MZHF.

Distr. AS: IN TM.

Genus *Irochrotus* Amyot & Serville, 1843

Irochrotus Amyot & Serville, 1843: 39. Type species by monotypy: *Cimex lanatus* Pallas, 1773.

Ref.: Kerzhner, 1976 (rev. E Palearctic spp.).

***Irochrotus caspius* Jakovlev, 1875**

Irochrotus caspius Jakovlev, 1875: 146. LT (Kerzhner, 1976: 54): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Distr. EU: EK RU (ST). **AS:** AK MG RU (WS).

***Irochrotus caucasicus* Jakovlev, 1876**

Irochrotus caucasicus Jakovlev, 1876a: 249. LT (Kerzhner, 1976: 53): ♂, RU (ST), Dagestan, Kurush; ZMAS.

Irochrotus mongolicus Jakovlev, 1902c: 63 (syn. Kerzhner, 1976: 52). LT (Kerzhner, 1976: 53): ♀, CH (NW), Xinjiang, Baitag Bogd Mts [= Baityk shan]; ZMAS.

Distr. EU: RU (ST: Dagestan). **AS:** AB? AK CH (NW SW) KI MG RU (ES WS).

***Irochrotus excisus* Reuter, 1900**

Irochrotus excisus Reuter, 1900c: 211. ST(S): AG, “Bona”; MZHF.

Distr. NA: AG MO.

***Irochrotus lanatus* (Pallas, 1773)**

Cimex lanatus Pallas, 1773: 503, 729. ST(S): AK, “Vorposten Krasnojarskoi” [= 10 km E of Semipalatinsk]; lost.

Distr. EU: BU EK ET GR? MC? RO RU (ST) UK. **AS:** AB AK CH (NO) IN MG RU (WS).

Note. The western records are probably based on misidentification of *Irochrotus maculiventris*.

***Irochrotus lobatus* L.Y. Zheng & G.Q. Liu, 1987**

Irochrotus lobatus L.Y. Zheng & G.Q. Liu in L.Y. Zheng, G.Q. Liu & Ling, 1987: 218, 224. HT: ♂, CH (SW), Yunnan, Lijiang, Mt Yulong; NKUM.

Distr. AS: CH (SW).

***Irochrotus maculiventris* (Germar, 1839)**

Pachycoris maculiventris Germar, 1839 (before July): 109. ST(S): IT, Sicily; Zoologisches Museum, Universität Leipzig, GE?

Arctocoris villosus Herrich-Schaeffer, 1839b (July): 39 (syn. Horváth, 1917b: 366). ST(S): GR; lost.

Pachycoris hirtus A. Costa, 1842b: 306 (syn. Horváth, 1917b: 366). STS: IT, Sicily, Palermo; ZIUN?

Distr. EU: BU CR ET GR IT MC SP YU. **NA:** AG LB. **AS:** AT.

***Irochrotus majusculus* Kerzhner, 1976**

Irochrotus majusculus Kerzhner, 1976: 48. HT: ♂, AB, Baku; ZMAS.

Distr. AS: AB AR AT IN.

***Irochrotus maroccanus* Vidal, 1949**

Irochrotus maroccanus Vidal, 1949: 57. STS: ♀, MO, Annocoeur nr Fes; lost?

Distr. NA: MO.

***Irochrotus montandoni* Schouteden, 1903**

Irochrotus montandoni Schouteden, 1903: 88. STS: Senegal and Abyssinia

[= Ethiopia]; MGAB, MNMS.

Distr. NA: EG. **AS:** YE. **EL:** tropical Africa.

***Irochrotus sibiricus* Kerzhner, 1976**

Irochrotus mongolicus (non Jakovlev, 1902): auct. Misidentification (see Kerzhner, 1976: 51).

Irochrotus sibiricus Kerzhner, 1976: 51. HT: ♂, RU (WS), Altai, Bele at Teletskoe Lake; ZMAS.

Distr. AS: CH (NO NW SW WP) MG RU (ES FE WS).

***Irochrotus turanicus* Kerzhner, 1976**

Irochrotus turanicus Kerzhner, 1976: 49. HT: ♂, UZ, Derbent; ZMAS.

Distr. EU: RU (ST: Dagestan). **AS:** AB AF AR AK IN KI TD TM UZ.

Genus *Odontoscelis* Laporte, 1833

Odontoscelis Laporte, 1833: 74. Type species by subsequent designation (Chenu & Desmarest, 1859: 219): *Cimex fuliginosus* Linnaeus, 1761.

Ursocoris Hahn, 1834: 48 (syn. Burmeister, 1835: 385). Type species by subsequent designation (Westwood, 1840a: 124): *Cimex fuliginosus* Linnaeus, 1761.

Arctocoris Germar, 1839: 46. Unnecessary new name for *Ursocoris* Hahn, 1834.

Odonscelis Mulsant & Rey, 1865: 17. Unjustified emendation.

Ref.: Göllner-Scheiding, 1986, 1987 (rev.).

Subgenus *Obscuromorpha* Göllner-Scheiding, 1987

Obscuromorpha Göllner-Scheiding, 1987: 217 (as subgenus of *Odontoscelis*). Type species by original designation: *Odontoscelis hispidulus* Jakovlev, 1874.

***Odontoscelis hispidula* Jakovlev, 1874**

Odontoscelis hispidulus Jakovlev, 1874a: 51. LT (Derzhansky et al., 2002: 364): ♂, RU (ST), Bogdo Mt. (S of Baskunchak Lake) in Astrakhan Prov.; ZMAS.

Distr. EU: AU BU HU MD RO RU (ST) SK UK. **NA:** EG? LB? **AS:** AB AK AR AT GG! KI MG RU (ES WS).

Note. Records from NA probably refer to *O. tomentosa* (see Göllner-Scheiding, 1986: 118).

***Odontoscelis tomentosa* (Germar, 1839)**

Arctocoris tomentosus Germar, 1839: 49. LT (Göllner-Scheiding, 1986: 118, as “Lectotypus (?)”): ♂, Sudan, Dongola (the specimen is labelled “Egypt”); ZMAS.

Distr. NA: EG. **EL:** tropical Africa.

Ref.: K. Schmidt, 1939c (tax.).

***Odontoscelis vittata* Horváth, 1911**

Odontoscelis vittata Horváth, 1911c: 574. LT (Göllner-Scheiding, 1986: 120, as HT): ♂, AG, Thiersville; MNHN.

Distr. NA: AG MO TU.

***Odontoscelis zarudnyi* V.G. Putshkov, 1965**

Odontoscelis zarudnyi V.G. Putshkov, 1965: 75. LT (Derzhansky et al., 2002: 365):

♂, AK, Ustyurt Plateau, Mt Dzhideli; ZMAS.

Distr. AS: AF AK IN! TD! TM UZ.

Subgenus *Odontoscelis* Laporte, 1833

Odontoscelis byrrhus Seidenstücker, 1972

Odontoscelis byrrhus Seidenstücker, 1972: 111. HT: ♂, AT, Ali-Dagh nr Kayseri; MHNG.

Distr. EU: AL CR EK GR RO RU (CT ST) UK. **AS:** AF AK AT CH (NO) IN MG RU (ES FE WS) SY.

Ref.: Danilovitch, 1975 (morph.)

Odontoscelis dorsalis (Fabricius, 1798)

Cimex dorsalis Fabricius, 1798: 530. LT (Göllner-Scheiding, 1986: 108, as HT): ♂, MO, Mogador; ZMUC.

Arctocoris plagiatus Germar, 1839: 48 (syn. Schiödte, 1842: 300). LT (Göllner-Scheiding, 1986: 109): ♂, EG; ZMHB.

Odontoscelis seminitens Wagner, 1953c: 1 (syn. Kerzhner, 1964a: 365). HT (see Aukema & Kerzhner, 2005: 70): ♂, CY, Kyrenia, Ammos; ZMUH.

Distr. NA: AG CI EG LB MO. **AS:** AB AF AK AR AT CY GG IN IQ IS KI LE TD TM UZ. **EL:** tropical Africa.

Odontoscelis fuliginosa (Linnaeus, 1761)

Cimex fuliginosus Linnaeus, 1761: 246. STS: ♀, SV, Calmaria [= Kalmar Prov.]; LSUK.

Tetyra carbonaria Zetterstedt, 1819: 70 (syn. Herrich-Schaeffer, 1835a: 88, suspected; Dallas, 1851a: 55). HT: ♂, SV, Östergötland, Lärketorp nr Skänninge; MZLU.

Arctocoris fuliginosus [var.] *aethiops* Germar, 1839: 48. STS: FR or IT, Piemont; Zool. Mus. Univ. Leipzig, GE?

Odontoscelis fuliginosa var. *caucasica* Kolenati, 1846b: 7. LT (Kerzhner, 2003b: 96): ♀, “Caucasi occidentalis” [= ?GG]; NHMW.

Odontoscelis fuliginosa var. *pallasii* Kolenati, 1846b: 7. LT (Kerzhner, 2003b: 96): ♂, RU (ST), “Caucasi Lhesgici et prope mare Caspium” [= Dagestan]; NHMW.

Odontoscelis fuliginosa var. *iberica* Kolenati, 1846b: 7. LT (Kerzhner, 2003b: 96): ♀, Iberia [= GG]; NHMW.

Odontoscelis osellai Rizzotti Vlach, 1982: 358 (syn. Göllner-Scheiding, 1986: 100). HT: ♂, IT, Alpi Cozie, Valley de Pellice, Colle della Croce, 2200 m; MSNV.

Odontoscelis tamaninii Rizzotti Vlach, 1982: 360 (syn. Göllner-Scheiding, 1986: 100). HT: ♂, SP, Prov. Castellón de La Plana, Oropesa del Mar; MSNV.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FR GB GE GR HU IT LA LS LT LU MA MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG EG MO TU. **AS:** AB AF AK AR AT CH (NO NW) CY GG IN IS KI LE MG RU (ES) SY TD TM UZ. **EL:** India.

Ref.: Danilovitsh, 1975 (morph.).

Note: Record from TA (Göllner-Scheiding, 1986: 103) based on mislabelled material (probably from UK) in ZMHB. Old records from CH refer, at least partly, to *Odontoscelis byrrhus*.

Odontoscelis hispanica Göllner-Scheiding, 1987

?*Ursocoris dorsalis* (non Fabricius, 1803): Hahn, 1834: 51. Misidentification (see Germar, 1839: 48; Kerzhner, 2003a: 104).

?*Odontoscelis fuliginosa* var. *dorsata* Kirkaldy, 1909b: 265 (syn. Kerzhner, 2003a: 104, suspected). For *dorsalis* sensu Hahn, 1834. STS: SP (south); lost.

Odontoscelis iberica (non Kolenati, 1846): Göllner-Scheiding, 1986: 104.

Misidentification (see Göllner-Scheiding, 1987: 217).
Odontoscelis hispanica Göllner-Scheiding, 1987: 217. For *Odontoscelis iberica* sensu Göllner-Scheiding, 1986. HT (erroneously as NT of *iberica* Kolenati in Göllner-Scheiding, 1986: 104): ♂, PO, Gines; ZMHB.

Distr. EU: PO SP.

***Odontoscelis lineola* Rambur, 1839**

Odontoscelis lineola Rambur, 1839: 107. ST(S): ♀, SP, Grenada; BMNH (1 ST).

?*Odontoscelis comaroffi* Jakovlev, 1879: 14 (syn. Kerzhner, 1964a: 365). LT (Göllner-Scheiding, 1986: 112): ♀, RU (ST), Dagestan, Derbent; ZMAS.

Odontoscelis dorsalis f. *deserta* Stichel, 1924: 201 (syn. Göllner-Scheiding, 1986: 110). STS: locality not given.

Odontoscelis dorsalis var. *carbonaria* Kormilev, 1939: 23 (junior secondary homonym of *Tetyra carbonaria* Zetterstedt, 1819; syn. Göllner-Scheiding, 1986: 110). STS: MC, Ohrid; not located (according to Göllner-Scheiding, 1986: 111 and Protić, 1987: 19, there is only a single female labelled “Skoplje” in Kormilev’s collection in the Natural History Museum, Belgrade, YU).

Odontoscelis dubia Wagner, 1957b: 125 (syn. Kerzhner, 1976: 44). HT (see Aukema & Kerzhner, 2005: 69): ♂, CI, Gomera, Valle Hermigua; ZMUH.

Distr. EU: AL AU BE BH BU CR DE ET FR GB GE GR HU IT LU MA MC NL PL PO RO RU (CT: Kaliningrad Prov. ST) SK SL SP SV SZ UK YU. **AS:** AT.

Note: concerning the synonymy of *O. comaroffi*, see Derzhansky et al. (2002: 364).

***Odontoscelis litura* (Fabricius, 1775)**

Cimex litura Fabricius, 1775: 700. ST(S): “Arabia”; lost. NT (Göllner-Scheiding, 1986: 105): ♂, IQ, Quosh, Ninawa; AMNH.

Distr. NA: EG. **AS:** AT CY IQ SY.

***Odontoscelis minuta* Jakovlev, 1882**

Odontoscelis minuta Jakovlev, 1882a: 345. HT: ♂, RU (ST), Dagestan, Derbent; ZMAS.

Distr. EU: CR ET GR IT MC RU (ST) UK. **AS:** AT CY IS SA.

***Odontoscelis montandoni* Kis, 1979**

Odontoscelis montandoni Kis, 1979: 207. HT: ♂, AG, Tebessa; MGAB.

Distr. EU: FR? SP? **NA:** AG EG.

***Odontoscelis signata* Fieber, 1861**

Odontoscelis signata Fieber, 1861: 379. LT (Göllner-Scheiding, 1986: 115): ♀, IT, Sicily; NHMW.

Distr. EU: IT (Sicily and Egadi Is) MA.

Ref.: Seidenstücker, 1972 (status).

Subfamily EURYGASTRINAE Amyot & Serville, 1843

EURYGASTRINAE Amyot & Serville, 1843: 51 (Eurygastrides). Type genus: *Eurygaster* Laporte, 1833.

Tribe EURYGASTRINI Amyot & Serville, 1843

Genus *Eurygaster* Laporte, 1833

Eurygaster Laporte, 1833: 68. Type species by subsequent designation (Anonymous, 1838: 295): *Cimex hottentotta* Fabricius, 1775.

Bellocoris Hahn, 1834: 42 (syn. Spinola, 1837: 365). Type species by designation under

the plenary powers (Opinion 248/1954): *Cimex austriacus* Schrank, 1776.
Platypleurus Mulsant & Rey, 1865: 59 (as subgenus of *Eurygaster*; syn. Lethierry & Severin, 1893: 44). Type species by monotypy: *Cimex maurus* Linnaeus, 1758.
Holophlygdus Stål, 1873: 30 (as subgenus of *Eurygaster*). Type species by monotypy: *Cimex hottentotta* Fabricius, 1775.
Ref. Batzakis, 1972; Brown & Erarp, 1962 (Middle East); Gaffour-Bensebbane, 1992 (female genitalia); Vinogradova, 1959 (male genitalia); Wagner, 1951c (variability).
Note. Wagner's (1951c) varietal names are hardly available because expressly considered by him to be given to extremes of eunomic variation. Halászfy's names are unavailable as well. They were first listed as varieties, but without descriptions (Halászfy, 1955a), and then with diagnoses in a key, but as aberrations (Halászfy, 1959); in both cases, she erroneously credited the names to Horváth.

***Eurygaster austriaca austriaca* (Schrank, 1776)**

- Cimex austriacus* Schrank, 1776: 78. ST(S): AU, Linz; lost.
Cimex frischii Goeze, 1778: 234 (syn. Horváth, 1911c: 575). For species no. 28 in Frisch, 1738: 26, pl. 24. ST(S): GE; lost.
Cimex schrankii Goeze, 1778: 234. Unnecessary new name for *austriacus* Schrank, 1776.
Cimex fuscocucullatus Goeze, 1778: 235 (syn. Reuter, 1888a: 82, by virtue of synonymization of *secalinus*). For *Cimex* no. 66 in Geoffroy, 1762: 467. ST(S): FR, Paris; lost.
Cimex nigrocucullatus Goeze, 1778: 235 (syn. Harrer, 1784: 288, with *frischii*; Horváth, 1911c: 575). For *Cimex* sp. no. 67 in Geoffroy, 1762: 468. ST(S): FR, Paris; lost.
Cimex aethiops Goeze, 1778: 276 (syn. Harrer, 1784: 288, with *frischii*; Horváth, 1911c: 575). For *Cimex* sp. in Schaeffer, 1766: pl. 79, fig. 4. ST(S): GE, Ratisbona [= Regensburg]; lost.
Cimex truncatus Goeze, 1778: 277 (syn. Harrer, 1784: 289, with *schrankii*; China, 1927a: 252). For *Cimex* sp. in Schaeffer, 1776: pl. 250, figs. 5, 6. ST(S): GE, Ratisbona [= Regensburg]; lost.
Cimex secalinus Geoffroy in Fourcroy, 1785: 216 (syn. Reuter, 1888a: 82, with *nigrocucullatus*). Objective synonym of *fuscocucullatus* Goeze, 1778.
Cimex cappatus Geoffroy in Fourcroy, 1785: 216. Objective synonym of *nigrocucullatus* Goeze, 1778.
Cimex fuscus Gmelin, 1790: 2134 (junior primary homonym of *Cimex fuscus* Thunberg, 1783). Objective synonym of *fuscocucullatus* Goeze, 1778.
Cimex cucullatus Gmelin, 1790: 2134. Objective synonym of *nigrocucullatus* Goeze, 1778.
Cimex carinatus Cyrillus, 1791: pl. 6, fig. 2 (junior primary homonym of *Cimex carinatus* Forster, 1771; syn. Reuter, 1888a: 82, with *nigrocucullatus*). ST(S): IT, Naples; lost.
Tetyra nigra Fabricius, 1803: 136 (syn. Reuter, 1888a: 82, with *nigrocucullatus*; Horváth, 1911c: 575). STS: GE; ZMUC.
Eurygaster hottentotus var. *communis* Fieber, 1861: 369 (syn. Kirkaldy, 1909b: 275, with *nigrocucullata*; Horváth, 1911c: 575). ST(S): EU.
Eurygaster hottentotus var. *lineata* Fieber, 1861: 369 (syn. Kirkaldy, 1909b: 275, with *nigrocucullata*; Horváth, 1911c: 575). ST(S): EU.
Eurygaster hottentotus var. *nigricans* Fieber, 1861: 369 (syn. Kirkaldy, 1909b: 275, with *nigrocucullata*; Horváth, 1911c: 575). ST(S): EU.

Eurygaster hottentotus var. *signata* Fieber, 1861: 369 (syn. Kirkaldy, 1909b: 275, with *nigrocucullata*). STS: central and southern Europe.

Eurygaster ligneus Vollenhoven, 1863: 39 (syn. Lethierry & Severin, 1893: 44, with *hottentotus*). STS: ♀, Indonesia (Java and Celebes [= Sulawesi], in error); RMNH.

Eurygaster hottentota var. *picta* Antessanty, 1891: 179 (junior secondary homonym of *Tetyra picta* Fabricius, 1803; syn. Royer, 1922b: 269). LT (Matocq & Kerzhner, 2003: 108): ♀, FR, Aube, Lusigny; MNHN.

Eurygaster nigrocucullata var. *eurhemia* Kirkaldy, 1909b: 275. New name for *hottentota* var. *signata* Fieber, 1861.

Eurygaster nigrocucullata var. *fuscescens* Kirkaldy, 1909b: 275. Unnecessary new name for *fuscus* Gmelin, 1790.

Eurygaster nigrocucullatus ab. *rufa* Péneau, 1911: 184 (unavailable name, became available after upgrading to “var.” by Halászfy, 1955a: 82). ST(S): FR, Loire-Inférieure (Pornic).

Eurygaster nigrocucullatus var. *vittata* Péneau, 1911: 184. ST(S): PO; MNHN.

Eurygaster nigrocucullatus var. *formidolosa* Péneau, 1911: 186. ST(S): GE.

Eurygaster austriacus f. *marginata* Kupka, 1944: 127. HT: GE, Stendal; Kulturhistorisches Museum, Magdeburg, GE.

Eurygaster austriaca var. *calligera* Wagner, 1951c: 21, 40. HT: ♀, AU, Wien; ZMUH.

Eurygaster austriaca var. *extensa* Wagner, 1951c: 22, 41. HT: ♀, AU, Wien; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster austriaca var. *ornata* Wagner, 1951c: 19, 41. HT: ♂, SP, Cadiz, Barbate; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster austriaca var. *purpurascens* Wagner, 1951c: 21, 40. HT: ♀, PL, Warmbrunn [= Cieplice]; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster austriaca ab. *ochroleuca* Halászfy, 1959: 25 (unavailable name). STS: HU, YU (many localities, see Halászfy, 1955a: 82 for details); HNHM.

Eurygaster austriaca austriaca f. *simulata* Stichel, 1960a: 479 (unavailable name).

Eurygaster austriacus var. *seminigra* Lodos, 1960: 87. HT: ♂, AT, Izmir; BMNH.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK ET FR GB GE GR HU IT LT LU MA MC MD NL PL PO RO RU (CT NT? ST) SK SL SP SZ UK YU. **NA:** AG MO TU. **AS:** AB AK AR AT GG.

***Eurygaster austriaca seabrai* China, 1938**

Eurygaster austriaca seabrai China, 1938b: 2. HT: ♂, SP, Toledo, Yébenes; BMNH.

Eurygaster austriaca seabrai f. *rubra* Fuente, 1974a: 265 (unavailable name). HT: ♀, SP, Zaragoza; Universidad Complutense, Madrid, SP.

Eurygaster austriaca seabrai f. *pseudomarginata* Fuente, 1974a: 265 (unavailable name). HT: ♂, SP, Toledo, Yébenes; Universidad Complutense, Madrid, SP.

Distr. EU: FR SP.

Ref.: Moulet, 1985 (descr.).

***Eurygaster chinai* Lodos, 1963**

Eurygaster chinai Lodos, 1963: 144. HT: ♀, AT, Izmir-Bornova; BMNH.

Distr. AS: AT.

***Eurygaster dilaticollis* Dohrn, 1860**

Eurygaster dilaticollis Dohrn, 1860b: 100. STS: RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMPA?, ZMHB.

Eurygaster brevicollis Fieber, 1861: 370 (syn. Fieber, 1861: 396, suspected; Puton, 1869: 2). ST(S): GR.

Eurygaster schreiberi Montandon, 1885: 171 (syn. Josifov, 1981: 97, suspected; Josifov, 1986a: 88). HT: ♀, IT (Gorice [= Gorizia]) or SL (Nova Gorica); MGAB.

Eurygaster schreiberi var. *flavescens* Horváth, 1911c: 576. STS: ♂, IT (Trieste; Görz [= Gorizia]) or SL (Nova Gorica) and AT (Kazikoporan); HNHM.

Eurygaster maura f. *improvisa* Wagner, 1940b: 142 (syn. Wagner, 1951c: 42, with *schreiberi*). HT: ♂, SL, Tarnova [= Trnovo]; MSNT.

Eurygaster schreiberi var. *bimaculata* Wagner, 1951c: 25, 40. HT: ♀, HU, “Monci”; ZMUH.

Eurygaster schreiberi var. *discreta* Wagner, 1951c: 23, 41. HT: ♀, IT (Basovizza) to SL (Lipizza [= Lipica]); ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster schreiberi var. *marginella* Wagner, 1951c: 25, 41. HT: ♀, AL, Pashtrik; ZMUH.

Eurygaster schreiberi var. *nigrofusca* Wagner, 1951c: 40. HT: ♀, SL, Mt Auremiano [= Vremščica]; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster schreiberi var. *rufobrunnea* Wagner, 1951c: 24, 40. HT: ♀, SL, Mt Taiano [= Slavnik]; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster schreiberi var. *saulii* Wagner, 1951c: 24, 39. HT (see Aukema & Kerzhner, 2005: 70): ♀, IT (Basovizza) to SL (Lipizza [= Lipica]); ZMUH.

Eurygaster dilaticollis var. *decorata* Wagner, 1951c: 26, 41 (junior primary homonym of *Eurygaster sodalis* var. *decorata* Péneau, 1911). HT: ♂, HU, Rakos-Palota; NHMW.

Eurygaster dilaticollis var. *expansa* Wagner, 1951c: 26, 39.

Eurygaster dilaticollis var. *straminea* Wagner, 1951c: 26, 41. HT: ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; NHMW.

Eurygaster dilaticollis ab. *umbrina* Halászfy, 1959: 26 (unavailable name). HT: ♀, HU, Kiskunhalas; HNHM.

Eurygaster schreiberi ab. *erubescens* Halászfy, 1959: 26 (unavailable name). HT: ♀, CR, Orehovica (see Halászfy, 1955a: 83); HNHM.

Distr. EU: AL BH BU CR EK ET FR GR HU IT MC MD RU (CT ST) SL SP UK YU. **AS:** AK AT KI RU (ES WS).

***Eurygaster fokkeri* Puton, 1892**

Eurygaster fokkeri Puton, 1892a: 318. STS: ♂, AU, Tyrol, Achensee; MNHN.

Distr. EU: AU GE.

***Eurygaster hottentotta* (Fabricius, 1775)**

Cimex hottentotta Fabricius, 1775: 699. ST(S): “Arabia”; ZMUC (1 ST).

Cimex maroccanus Fabricius, 1798: 529 (syn. Stål, 1868a: 12). STS: MO, Tanger; ZMUC.

Eurygaster hottentotta var. *pictula* Royer, 1911: 333. LT (Matocq & Kerzhner, 2003: 108): ♀, FR, Var, Beausset; MNHN.

Eurygaster hottentotta var. *rufa* Wagner, 1951c: 28, 40 (junior primary homonym of *Eurygaster nigrocucullatus* ab. *rufa* Péneau, 1911, but the latter name is unavailable). HT: ♀, AG, Sidi Bel Abbès; SMFD.

Eurygaster hottentotta var. *punctigera* Wagner, 1951c: 28, 40. HT: ♀, MO, Mazagan; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster hottentotta f. *badia* Stichel, 1960a: 475. New name for var. *rufa* Wagner, 1951.

Distr. EU: FR IT PO SP SZ. **NA:** AG AZ? LB MO TU. **AS:** AT.

Note: The record from CI needs confirmation (Heiss & Woudstra, 1993).

***Eurygaster integriceps* Puton, 1881**

- Eurygaster cognatus* Westwood, 1837: 11 (nomen oblitum; syn. Kerzhner, 2003a: 105). ST(S): Pakistan or India (“India orientalis”); OXUM.
- Eurygaster orientalis* Westwood, 1837: 11 (nomen oblitum; syn. Kerzhner, 2003a: 105). ST(S): Pakistan or India (“India orientalis”); OXUM.
- Eurygaster hottentotta* var. *obliqua* Kolenati, 1846b: 12 (nomen oblitum; syn. Kerzhner, 2003b: 96). LT (Kerzhner, 2003b: 96): ♂, Transcaucasia; NHMW.
- Eurygaster maurus* var. *nigra* Fieber, 1861: 370 (junior secondary homonym of *Tetyra nigra* Fabricius, 1803; syn. Wagner, 1951c: 41). ST(S): EU.
- Eurygaster maurus* var. *signata* Fieber, 1861: 370 (junior primary homonym of *Eurygaster hottentotus* var. *signata* Fieber, 1861 under first reviser action by Stichel, 1961: 735; syn. Wagner, 1951c: 42). ST(S): EU.
- Eurygaster integriceps* Puton, 1881b: 119. STS: LE (Beka; Zebodani [= Zebedâni]; Betmeri), UZ (Tashkent) and “Caucasus”; MNHN.
- Eurygaster integriceps* var. *nigra* Reuter, 1900c: 219 (junior secondary homonym of *Tetyra nigra* Fabricius, 1803). ST(S): GR, Attica; MZHF?
- Eurygaster integriceps* var. *ferruginea* Reuter, 1900c: 219. STS: AK (Shymkent Prov.: Bekljarkbek) and GR (Cyclades); MZHF?
- Eurygaster integriceps* var. *testacea* Reuter, 1900c: 219. STS: TM, “Turkestan” and GR (Morea); MZHF?
- Eurygaster integriceps* var. *grisescens* Reuter, 1900c: 219 (junior primary homonym of *Eurygaster maura* var. *grisescens* Rey, 1888). ST(S): AK, Shymkent Prov., Lisitsino [= Vannovka]; MZHF?
- Eurygaster integriceps* var. *plagiata* Reuter, 1900c: 219. ST(S): “Turkestan”; MZHF?
- Eurygaster integriceps* var. *hellenica* Kirkaldy, 1909b: 274. New name for var. *nigra* Reuter, 1900.
- Eurygaster integriceps* var. *subgrisea* Kirkaldy, 1909b: 274. New name for var. *grisescens* Reuter, 1900.
- Eurygaster maurus* var. *nigricans* Kirkaldy, 1909b: 274. New name for var. *nigra* Fieber, 1861.
- Eurygaster maurus* var. *fieberi* Kirkaldy, 1909b: 274. New name for *maurus* var. *signata* Fieber, 1861.
- Eurygaster integriceps* var. *distigma* Horváth, 1917b: 368. STS: ♂, ♀, SY, CY (Larnaka), AT (Ak-Chehir [= Akşehir]; Kulp), AR (Erevan) and AB (Ordubad); HNHN.
- Eurygaster integriceps* var. *granulata* Wagner, 1951c: 17, 40. HT: ♀, IS, Degania at Genezareth Lake; ZMUH.
- Eurygaster integriceps* var. *conspersa* Wagner, 1951c: 18, 39. HT: ♀, IS, Genezareth Lake; ZMUH.
- Eurygaster integriceps* f. *straminea* Stichel, 1960a: 480 (junior primary homonym of *Eurygaster dilaticollis* var. *straminea* Wagner, 1951).
- Eurygaster integriceps* f. *cadaverosa* Stichel, 1962a: 781 (unavailable name). New name for var. *straminea* Stichel, 1960.
- Distr. EU:** AL BH BU BY? CR EK ET GR IT MC MD RO RU (CT: Samara Prov. ST) UK YU. **NA:** EG. **AS:** AB AF AK AR AT CH (NE NO NW) CY GG IN IQ IS JO KI LE RU (ES) SY TD TM UZ. **EL:** Pakistan.
- Ref.:** Areshnikov & Starostin, 1982 (econ., control); Fedotov, 1947-1960 (biol., econ.); Vodjani, 1954 (biol.).

***Eurygaster laeviuscula* Jakovlev, 1886**

Eurygaster laeviuscula Jakovlev, 1886: 78, 80 (as *laeviuscula* on p. 78). HT (see Jakovlev, 1903a: 319): ♂, RU (ES), Irkutsk Prov., Kultuk; ZMAS.

Distr. AS: CH (NO) KO MG RU (ES FE).

Ref.: Nonnaizab, 1986 (distr.).

Note. Of the two original spellings, *laeviuscula* was selected by Jakovlev (1903a: 319) acting as first reviser.

***Eurygaster maura* (Linnaeus, 1758)**

Cimex maurus Linnaeus, 1758: 441. STS: MO or AG (“Mauretania”) and SV, the name retained for the specimen from Mauretania (China, 1927a); LSUK.

Cimex cinereus Goeze, 1778: 276 (junior primary homonym of *Cimex cinereus* Poda, 1761; syn. Reuter, 1888a: 80). For *Cimex* sp. in Schaeffer, 1766: pl. 57, fig. 10. ST(S): GE, Ratisbona [= Regensburg]; lost.

Tetyra picta Fabricius, 1803: 136 (syn. Illiger in Rossi, 1807: 363). LT (Wagner, 1938a: 21, as “Type”): ♀, AU; ZMUC.

Eurygaster maura var. *communis* Fieber, 1861: 369. ST(S): EU.

Eurygaster maura f. *meridionalis* Péneau, 1911: 175 (upgraded to species by Ribaut, 1926a: 103; syn. China, 1927a: 252). LT (Matocq & Kerzhner, 2003: 108): ♀, FR, Loire inf., Touffou; MNHN.

Eurygaster maura ab. *rufopicta* Péneau, 1911: 176 (unavailable name; became available when upgraded to “forma” by Stichel, 1960a: 482). STS: FR, GE.

Eurygaster maurus f. *personatus* Stichel, 1924: 201. HT: GE, Finkenkrug-Briselang nr Berlin.

Eurygaster meridionalis var. *nigricans* Mancini, 1931: 12, 14 (junior primary homonym of *Eurygaster hottentota* var. *nigricans* Fieber, 1861). STS: IT (many localities).

Eurygaster meridionalis var. *maculata* Mancini, 1931: 12, 14. STS: IT (many localities).

Eurygaster maurus f. *aequalis* Wagner, 1938a: 23. LT (Aukema & Kerzhner, 2005: 70): ♂, GE, Hannover, Lüneburg; ZMUH.

Eurygaster maurus f. *granulosus* Wagner, 1938a: 22, 24. LT (Aukema & Kerzhner, 2005: 70): ♀, GE, Lorch am Rhein nr Mainz; ZMUH.

Eurygaster maurus f. *pallidus* Wagner, 1938a: 23, 24. LT (Aukema & Kerzhner, 2005: 70): ♂, GE, Oberhessen, Wisselsheim; ZMUH.

Eurygaster maurus var. *rutilus* Wagner, 1938a: 23, 24. STS (see Aukema & Kerzhner, 2005: 71): ♂, ♀, GE, Mecklenburg (Waren) and Hamburg; ZMUH.

Eurygaster maura var. *punctata* Wagner, 1951c: 11, 39. HT: ♀, GE, Mecklenburg, Waren; ZMUH.

Eurygaster maura ab. *pallens* Halászfy, 1959: 27 (unavailable name). STS: ♂, ♀, CR, HU, RO, SK (see Halászfy, 1955a: 89 for details); HNHM.

Eurygaster maura ab. *melanaria* Halászfy, 1959: 27 (unavailable name). STS: ♂, ♀, CR, HU (see Halászfy, 1955a: 89 for details); HNHM.

Eurygaster maura ab. *rubida* Halászfy, 1959: 28 (unavailable name). STS: ♂, ♀, HU, SK (see Halászfy, 1955a: 89 for details); HNHM.

Eurygaster maura ab. *umbrosa* Halászfy, 1959: 28 (unavailable name). STS: ♂, ♀, CR, HU, RO, SK, YU (see Halászfy, 1955a: 89-92 for details); HNHM.

Eurygaster maura f. *subnigra* Stichel, 1960a: 482. New name for var. *nigricans* Mancini, 1931.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU

IR IT LA LS LT LU MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK
 YU. NA: AG MO TU. AS: AB AK AR AT GG IN IS SI SY TM.
Note: Records from CH, JA, and RU (ES) refer to *Eurygaster testudinaria* and those
 from “India” (actually, Pakistan) to *Eurygaster integriceps* (see Kerzhner, 2003a).

***Eurygaster minor* Montandon, 1885**

Eurygaster minor Montandon, 1885: 172. ST(S): ♂, FR, Drôme, Montélimar.

Distr. EU: FR.

***Eurygaster testudinaria testudinaria* (Geoffroy, 1785)**

Cimex testudinarius Geoffroy in Fourcroy, 1785: 195. For *Cimex* no. 3 in Geoffroy,
 1762: 435. ST(S): FR, Paris; lost.

Eurygaster maura var. *notatus* Ferrari, 1874: 119 (syn. Wagner, 1938a: 21). ST(S): IT,
 Spezia; MCSN.

Eurygaster maura var. *cinerea* Rey, 1887b: 1 (junior secondary homonym of *Cimex*
cinereus Goeze, 1778; syn. Wagner, 1938a: 21). STS: SZ, Fribourg; MNHL.

Eurygaster maura var. *grisea* Rey, 1888: 92 (syn. Wagner, 1938a: 21). STS: ♂, ♀,
 SZ (Fribourg) and FR (La Ferté-Milon); MNHL. Seems to be merely a new name
 for var. *cinerea* Rey, 1887.

Eurygaster maura var. *rufescens* Oliveira, 1895: 105 (syn. Seabra, 1929: 4, with *maura*
sensu Ribaut, 1926; Wagner, 1938a: 21). STS: PO, Gerez and Coimbra;
 Zoological Museum, University of Coimbra, PO.

Eurygaster sodalis Horváth, 1895c: 221 (syn. Kerzhner, 2003a: 106). ST(S): ♀, UZ,
 Tashkent; HNHN.

Eurygaster maura f. *borealis* Péneau, 1911: 174 (syn. China, 1927a: 253). LT (Matocq
 & Kerzhner, 2003: 108): ♀, FR, Maine-et-Loire, nr Lake Granlieu; MNHN.

Eurygaster sodalis var. *decorata* Péneau, 1911: 179. STS: TM (Ashkhabad) and UZ
 (“steppes de Boukhara”).

Eurygaster testudinarius var. *mixta* Cerutti, 1939: 443. LT (Dethier, 1974: 668): ♂, SZ,
 Saillon; MZLS.

Eurygaster testudinarius f. *obscuratus* Wagner, 1938a: 23. LT (Aukema & Kerzhner,
 2005: 70): ♂, AU, Tirol, Innsbruck, Zillermundung, Jenbach; ZMUH.

Eurygaster testudinarius f. *triguttatus* Wagner, 1938a: 23. LT (Aukema & Kerzhner,
 2005: 70): ♀, GE, Mecklenburg, Waren-Müritz, Müritzufer; ZMUH.

Eurygaster testudinarius f. *tuberculatus* Wagner, 1938a: 22, 24. STS (see Aukema &
 Kerzhner, 2005: 71): ♂, ♀, GE, Lübeck (Campow), Mecklenburg (Waren, Feldberg,
 Schönberg, Sternberg); ZMUH, Heimatmuseum Waren, GE.

Eurygaster testudinaria f. *lurida* Wagner, 1940b: 142. HT: IT (Basovizza) or SL
 (Lipizza [= Lipica]); MSNT.

Eurygaster testudinaria f. *inclusa* Wagner, 1940b: 142. HT: ♀, SL, Lipizza [= Lipica]
 or Mt Taiano [= Slavnik]; MSNT.

Eurygaster testudinaria var. *punctulata* Wagner, 1951c: 15, 39. HT: ♀, GE,
 Mecklenburg, Waren; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Eurygaster testudinaria ab. *flavida* Halászfy, 1959: 28 (unavailable name). STS: ♂, ♀,
 HU (see Halászfy, 1955a: 87 for details); HNHN.

Eurygaster testudinaria ab. *rosea* Halászfy, 1959: 28 (unavailable name). STS: ♂, ♀,
 HU, RO, SK (see Halászfy, 1955a: 87 for details); HNHN.

Eurygaster testudinaria ab. *nigrita* Halászfy, 1959: 29 (unavailable name). STS: ♂, ♀,
 HU, SK (see Halászfy, 1955a: 87 for details); HNHN.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IR IT LA
 LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU.

NA: MO TU. **AS:** AB AK AR CH (NW) GG IN KI MG RU (ES WS FE) SI TD UZ.

***Eurygaster testudinaria sinica* Walker, 1867**

Eurygaster sinicus Walker, 1867b: 67 (downgraded by Josifov & Kerzhner, 1978: 166). HT: ♂, CH (SE), Hong Kong; BMNH.

Eurygaster testudinaria koreana Wagner, 1949b: 183 (syn. Josifov & Kerzhner, 1978: 166). HT: ♂, KO, “Seishin olto”; SMFD.

Distr. AS: CH (CE NE NO SE SW WP) JA KO.

Ref.: Kobayashi, 1967a (preimaginal stages).

Note: A poorly differentiated subspecies, see also Gaffour-Bensebbane (1992: 304).

Genus *Polyphyma* Jakovlev, 1877

Polyphyma Jakovlev, 1877a: 73. Type species by monotypy: *Polyphyma scrobiculata* Jakovlev, 1877.

***Polyphyma koenigi* Jakovlev, 1889**

Polyphyma koenigi Jakovlev, 1889d: 315. LT (Derzhansky et al., 2002: 364): ♂, TM; ZMAS.

Distr. AS: TD TM UZ.

***Polyphyma nigriventre* Horváth, 1907**

Polyphyma nigriventre Horváth, 1907a: 289. HT: ♂, AG, prov. Oran, Haama; HNHM.

Distr. NA: AG.

***Polyphyma scrobiculatum* Jakovlev, 1877**

Polyphyma scrobiculata Jakovlev, 1877a: 74. HT: ♀, IN, Shahrud; ZMAS.

Distr. AS: IN TM.

Tribe PSACASTINI Mulsant & Rey, 1865

PSACASTINI Mulsant & Rey, 1865: 7 (Psacastaires). Type genus: *Psacasta* Germar, 1839.

Note: Fuente (1974: 255) erroneously described Psacastini as a new tribe.

Genus *Ceratocranum* Reuter, 1890

Ceratocephala Jakovlev, 1879: 9 (junior homonym of *Ceratocephala* Warder, 1838, Trilobita). Type species by monotypy: *Ceratocephala caucasica* Jakovlev, 1879.

Ceratocranum Reuter, 1890b: 248. New name for *Ceratocephala* Jakovlev, 1879.

***Ceratocranum causicum* (Jakovlev, 1879)**

Ceratocephala caucasica Jakovlev, 1879: 10. HT: ♀, AR, Echmiadzin; ZMAS.

Ceratocranum causicum var. *anthracinum* Horváth, 1891a: 75. ST(S): ♀, AB, Ordubad; HNHM.

Distr. AS: AB AR IN.

Genus *Periphima* Jakovlev, 1889

Periphima Jakovlev, 1889d: 312. Type species by monotypy: *Periphima batesoni* Jakovlev, 1889.

Periphima Schouteden, 1904a: 78. Unjustified emendation (as incorrect spelling in Lethierry & Severin, 1893: 44).

***Periphima batesoni* Jakovlev, 1889**

Periphima batesoni Jakovlev, 1889d: 314. LT (Derzhansky et al., 2002: 363): ♀, AK, between Karkaralinsk and Kazalinsk; ZMAS.

Distr. AS: AK IN.

Note: Records of this species from AG and of “*Periphyma* sp.” from EG (Sienkiewicz, 1964) probably refer to *Periphymopsis lethierryi* and *Psacasta tuberculata*, respectively.

***Periphima crassa* Kiritshenko, 1938**

Periphima crassa Kiritshenko, 1938b: 79, 115, 121. LT (Derzhansky et al., 2002: 364): ♂, AB, Ordubad; ZMAS.

Distr. AS: AB.

Note: V.G. Putshkov (1965: 105) suspected synonymy with *Periphima batesoni*.

Genus *Periphymopsis* Schouteden, 1904

Periphymopsis Schouteden, 1904a: 78 (as subgenus of *Psacasta*; upgraded by Bergroth, 1908c: 143). Type species by original designation: *Psacasta lethierryi* Puton, 1873.

***Periphymopsis lethierryi* (Puton, 1873)**

Psacasta lethierryi Puton, 1873: 11. ST(S): AG, Batna; MNHN.

Distr. NA: AG MO TU.

Genus *Promecocoris* Puton, 1886

Promecosoma Jakovlev, 1885a: 103 (junior homonym of *Promecosoma* Lefèvre, 1877, Coleoptera). Type species by monotypy: *Promecosoma laticollis* Jakovlev, 1885.

Promecocoris Puton, 1886a: 7. New name for *Promecosoma* Jakovlev, 1885.

Emphylocoris Reuter, 1900c: 217 (syn. Schouteden, 1904a: 79). Type species by monotypy: *Emphylocoris testaceus* Reuter, 1900.

***Promecocoris cerathocranoides* Popov, 1964**

Promecocoris cerathocranoides Popov, 1964: 695. HT: ♂, KI, Turkestanskiy Range, locality Madygen, 60 km S of Isfara; ZMAS.

Distr. AS: AR KI.

***Promecocoris laticollis* (Jakovlev, 1885)**

Promecosoma laticollis Jakovlev, 1885a: 105. LT (Derzhansky et al., 2002: 364): ♀, TM, Ashkhabad; ZMAS.

Distr. AS: TD TM UZ.

***Promecocoris stschurovskii* (Oshanin, 1871)**

Psacasta stschurovskii Oshanin, 1871: 199. HT: UZ, Urgut; ZMUM (not found).

Promecocoris pictus Jakovlev, 1887: 297 (syn. Horváth, 1889a: 325). HT: ♀, TM, Ashkhabad; ZMAS.

Promecocoris stschurowskyi: Oshanin, 1891: 29. Incorrect spelling.

Distr. AS: AB AK AR IN KI TD TM UZ.

***Promecocoris testaceus* (Reuter, 1900)**

Emphylocoris testaceus Reuter, 1900c: 217. STS: ♀, AK (Dzhambul Prov.: Kurdai) and KI (Dzhilaryk); MZHF.

Distr. AS: AB AK AT IN KI TD TM UZ.

Genus *Psacasta* Germar, 1839

Psacasta Germar, 1839: 68. Type species by subsequent designation (Reuter, 1888a: 412):

Cimex pedemontanus Fabricius, 1781 (= *Cimex exanthematicus* Scopoli, 1763).

Subgenus *Cryptodontus* Mulsant & Rey, 1865

Cryptodontus Mulsant & Rey, 1865: 36 (downgraded by Stål, 1873: 29). Type species by monotypy: *Cimex tuberculatus* Fabricius, 1781.

Note: Fuente (1974: 259) considered *Cryptodontus* to be a separate genus.

***Psacasta neglecta* (Herrich-Schaeffer, 1837)**

Tetyra neglecta Herrich-Schaeffer, 1837: 27. HT: ♀, HU; lost.

Psacasta rugulosa Horváth, 1883a: 22 (syn. Horváth, 1889a: 325). HT: ♀, AT, Brussa [= Bursa]; HNHN.

Distr. EU: BU CZ ET FR HU IT MC MD RO RU (ST) SK UK YU. **AS:** AT.

***Psacasta tuberculata* (Fabricius, 1781)**

Cimex tuberculatus Fabricius, 1781: 343. ST(S): IT; ZMUC (1 ST).

Cryptodontus tuberculata f. *vidali* Fuente, 1974a: 260 (unavailable name). HT: ♀, SP, Barcelona, Vall d'Oix; Universidad Complutense, Madrid, SP.

Cryptodontus tuberculata f. *nana* Fuente, 1974a: 261 (unavailable name). HT: ♂, SP, Madrid, Casa de Campo; Universidad Complutense, Madrid, SP.

Distr. EU: BU FR GR HU IT MC PO RO SP. **NA:** AG EG MO. **AS:** AT CY IS.

Subgenus *Psacasta* Germar, 1839

***Psacasta cypria* Puton, 1881**

Psacasta cypria Puton, 1881d: 119. ST(S): ♀, CY; NHMW?

Distr. AS: AT CY IQ.

***Psacasta exanthematica exanthematica* (Scopoli, 1763)**

Cimex exanthematicus Scopoli, 1763: 121. ST(S): IT, “circa Tergestum” [= nr Trieste]; lost.

Cimex pedemontanus Fabricius, 1781: 342 (syn. Herrich-Schaeffer, 1853a: 3). STS: IT, “agro pedemontano” [= Piedmont]; ZMUC.

Cimex allioni Gmelin, 1790: 2132. Unnecessary new name for *pedemontanus* Fabricius, 1781.

Psacasta exanthematica var. *herculeana* Horváth, 1891a: 76 (upgraded to species by Stichel, 1960b: 470; syn. Carapezza & Kerzhner, 2005: 55). STS: ♂, ♀, AR, SY and FR (Fréjus); HNHN.

Psacasta pallida Reuter, 1902: 141 (syn. Carapezza & Kerzhner, 2005: 55). ST(S): ♂, AT, Akbés [= Ekbaz]; MNHN?

Psacasta simillima Horváth, 1917b: 368 (syn. Carapezza & Kerzhner, 2005: 55). STS: ♂, ♀, SP, Cuenca; HNHN.

Psacasta herculeana f. *versicolor* Stichel, 1960b: 469, 470.

Distr. EU: AL BH BU CR CZ ET FR GE GR HU IT MC PL PO RO SK SL SP SZ UK (S Crimea) YU. **NA:** EG MR. **AS:** AB AR AT IN IQ IS JO SY.

Note: The subspecies occurring in CZ, GE, HU, PL, RO, and SK may prove to be *P. e. conspersa*.

***Psacasta exanthematica cerinthe* (Fabricius, 1787)**

Cimex cerinthe Fabricius, 1787: 280 (downgraded by Stichel, 1960b: 467). STS: “Africa”; ZMUC.

Tetyra pagana Fabricius, 1803: 140 (junior secondary homonym of *Cimex paganus* Fabricius, 1775; syn. Schiødte, 1842: 301). STS: MO, Tanger; ZMUC.

Tetyra gentilis Fabricius, 1803: Index, p. 20. New name for *pagana* Fabricius, 1803.

Psacasta anthriboides Germar, 1839: 70 (syn. Mulsant & Rey, 1865: 36). For *Tetyra cerinthe* sensu Wolff, 1811: 170. ST(S): Africa; lost.

Psacasta nigra Germar, 1839: 141 (syn. Schiødte, 1842: 301). ST(S): MO, Tanger; ZMUC.

Tetyra hispana Rambur, 1839: 99 (syn. Baerensprung, 1860: 1). STS (see Dolling, 1978b: 123): ♂, ♀, SP, Malaga; BMNH.

Psacasta horvathi Royer, 1923b: 38 (syn. Carapezza & Kerzhner, 2005: 58). STS: ♂, ♀, SP, Murcia; MNHN. *Psacasta horvathi* Royer, 1923b: 38. STS: ♂, ♀, SP, Murcia; MNHN.

Psacasta exanthematica antoinei Vidal, 1949: 75 (syn. Carapezza & Kerzhner, 2005: 58). STS: ♂, ♀, AG (Maison-Carrée; Oran) and MO (Zénate and without exact locality); lost?

Distr. EU: FR (Corsica) IT PO SP. **NA:** AG MO TU.

***Psacasta exanthematica conspersa* Germar, 1839**

Psacasta conspersa Germar, 1839: 71. ST(S): RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; Zoologisches Museum Universität Leipzig, GE (lost?).

Scutellera albopunctata Krynicki in Ivanov & Chernay, 1871: 74 (syn. Carapezza & Kerzhner, 2005: 56). ST(S): UK, Kharkov; UCCU.

Psacasta exanthematica f. *minor* Puton, 1881b: 11 (syn. Carapezza & Kerzhner, 2005: 56). STS: UK or RU (ST) (“Russie méridionale”) and FR (Yonne), the latter probably belongs to *P. e. exanthematica*; MNHN.

Psacasta cerinthe var. *argillacea* Horváth, 1889b: 173 (upgraded to species by Horváth, 1911c: 574; syn. Carapezza & Kerzhner, 2005: 56). STS: ♂, ♀, TM; HNHN.

Psacasta affinis Reuter, 1900c: 214 (syn. Carapezza & Kerzhner, 2005: 56). ST(S): RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; MZHF.

Psacasta exanthematica var. *antennata* Halászfy, 1954b: 411, 413, 417 (syn. Carapezza & Kerzhner, 2005: 56). HT: ♀, HU, Magyaróvár; HNHN.

Distr. EU: EK HU MD RU (CT ST) UK. **AS:** AB AF AK AR AT GG IN KI RU (WS) TD TM UZ.

***Psacasta granulata* (A. Costa, 1847)**

Tetyra granulata A. Costa, 1847: 36 (syn. Puton, 1881b: 12, with *conspersa*; resurrected by Carapezza & Kerzhner, 2005: 58). STS: IT (south and Sicily).

Psacasta conspersa (non Germar, 1839): Puton, 1881b: 12. Misidentification (see Carapezza & Kerzhner, 2005: 59).

Psacasta marmottani Puton in Puton & Lethierry, 1887: 298 (syn. Carapezza & Kerzhner, 2005: 59). STS: AG, Oran and Messerghin; MNHN.

Psacasta marmottani Puton in Puton & Lethierry, 1887: 298 (syn. Kerzhner, 1964a: 366). STS: AG, Oran and Messerghin; MNHN.

Psacasta transcaspica Jakovlev, 1889d: 311 (syn. Horváth, 1911c: 574, with *marmottani*). HT: ♀, TM, Ashkhabad; ZMAS.

Distr. EU: FR IT PO SP. **NA:** AG CI EG MO TU. **AS:** AT IS JO SY TM.

Genus *Xerobia* Stål, 1873

Xerobia Stål, 1873: 29. Type species by subsequent designation (Kirkaldy, 1909b: xxxiv): *Eurygaster sculpturatus* Stål, 1858, tropical Africa.

***Xerobia verruculosa* Stål, 1873**

Xerobia verruculosa Stål, 1873: 30. HT: ♀, LE, Beirut; NHMW?

Distr. AS: IN LE SY.

Subfamily PACHYCORINAE Amyot & Serville, 1843

PACHYCORINAE Amyot & Serville, 1843: 34 (Pachycorides). Type genus:

Pachycoris Burmeister, 1835, Neotropical Region.

TETRYRINAE Amyot & Serville, 1843: 45 (Tétyrides). Type genus: *Tetyra* Fabricius, 1803, Neotropical Region.

Note: Suppression of the family-group name Tetyridia Rafinesque, 1815 is recommended by Kerzhner & Polhemus (2003).

Genus *Deroplax* Mayr, 1864

Deroplax Mayr, 1864: 905. Type species by monotypy: *Pachycoris circumductus*

Germar, 1838, South Africa.

Extralimital subgenera: *Deroplax* Mayr, 1864, *Argocoris* Mayr, 1864, both tropical Africa.

Subgenus *Xosoplax* Kirkaldy, 1909

Sergia Stål, 1865a: 56 (junior homonym of *Sergia* Stimpson, 1860, Crustacea; downgraded by Stål, 1873: 26). Type species by subsequent designation (Kirkaldy, 1909b: xxxiv): *Cimex silphoides* Thunberg, 1783.

Xosoplax Kirkaldy, 1909b: 281 (as subgenus of *Deroplax*). New name for *Sergia* Stål, 1865.

Deroplax silphoides (Thunberg, 1783)

Cimex silphoides Thunberg, 1783: 29. ST(S): South Africa, Cape of Good Hope; UZIU.

Cimex stigma Fabricius, 1798: 528 (junior primary homonym of *Cimex stigma* Herbst, 1784; syn. Germar, 1839: 90). ST(S): Senegal; ZMUC (1 ST).

Odontotarsus coquerelii Signoret, 1861: 918 (syn. Schouteden, 1903: 79). STS: Madagascar; NHMW.

Deroplax silphoides var. *stigmata* Kirkaldy, 1909b: 282. New name for *stigma* Fabricius, 1798.

Deroplax silphoides var. *schoutedeni* Kirkaldy, 1909b: 282. For “*Deroplax silphoides* var.” in Schouteden, 1903: 80. ST(S): Somalia; NHMW.

Distr. AS: SA. **EL:** tropical Africa.

Genus *Hotea* Amyot & Serville, 1843

Hotea Amyot & Serville, 1843: 41. Type species by monotypy: *Hotea triangulum*

Amyot & Serville, 1843 (= *Trigonosoma gambiae* Westwood, 1837).

Extralimital subgenus: *Phymatogonia* Stål, 1873, Madagascar.

Subgenus *Hotea* Amyot & Serville, 1843

Hotea gambiae (Westwood, 1837)

Trigonosoma gambiae Westwood, 1837: 11. ST(S): Gambia; OXUM.

Trigonosoma apicale Westwood, 1837: 11 (syn. Dallas, 1851a: 39). ST(S): Gambia; OXUM.

Hotea triangulum Amyot & Serville, 1843: 41 (syn. Dallas, 1851a: 39). ST(S): ♀, Senegal; MNHN.

Distr. AS: YE. **EL:** tropical Africa.

Note: *H. gambiae* has been recorded from YE as *H. subfasciata* (Westwood, 1837), the latter is not a senior synonym of *H. gambiae* (see Kerzhner, 2003a: 106).

***Hotea subfasciata* (Westwood, 1837)**

Trigonosoma subfasciatum Westwood, 1837: 11. ST(S): South Africa, Cape of Good Hope; OXUM

Pachycoris falcatus Germar, 1838: 191 (syn. Dallas, 1851a: 39; Stål, 1865c: 55). ST(S): South Africa, Cape of Good Hope; lost.

Hotea vicinum Signoret, 1851b: 441 (syn. Stål, 1865c: 55). STS: ♂, ♀, Gabon; NHMW.

Hotea melanaria Walker, 1867b: 56 (syn. Distant, 1899c: 45). HT: Botswana, lake Ngami; BMNH.

Distr. AS: YE. **EL:** tropical Africa.

Note: According to Kerzhner (2003a), *H. gambiae* (Westwood, 1837) is neither a subspecies nor a synonym of this species.

Subgenus *Tylonca* Stål, 1873

Tylonca Stål, 1873: 25 (as subgenus of *Hotea*). Type species by monotypy: *Pachycoris curculionoides* Herrich-Schaeffer, 1836.

***Hotea curculionoides curculionoides* (Herrich-Schaeffer, 1836)**

Pachycoris curculionoides Herrich-Schaeffer, 1836: 106. HT: Indonesia, Java; lost.

Pachycoris punctulatus Germar, 1839: 105 (syn. Dallas, 1851a: 39). STS: Indonesia, Java; ZMUC.

Hotea fusca Vollenhoven, 1863: 38 (syn. Distant, 1902a: 65). HT: Indonesia, Java; RMNH.

Hotea nasuta Walker, 1867b: 58 (syn. Distant, 1899c: 45). HT: Indonesia, Flores; BMNH.

Distr. AS: AF CH (SE SW) TA. **EL:** Oriental Region.

***Hotea curculionoides occidentalis* Hoberlandt, 1997**

Hotea curculionoides occidentalis Hoberlandt, 1997: 191. HT: ♂, IN, Abassi, Issin; NMPC.

Distr. AS: IN.

Family DINIDORIDAE Stål, 1867

J.A. Lis

This small pentatomoid family (without a common name) includes 16 genera and about 100 species. It is distributed primarily in tropics of the Old World region, whereas only the type genus is known from the Neotropical Region. Apparently they are phytophagous, and prefer cucurbits; some of them are of economic importance (for instance, the red pumpkin bug, *Coridius ianus* (Fabricius), a pest of cucurbit crops in India).

World revision: Durai, 1987; Kocorek & J.A. Lis, 2000 (cladistic analysis of Megymeninae). Old World checklist: J.A. Lis, 1990b. World catalogue: Rolston et al., 1996. Faunal reviews: Yang, 1940 (CH). Biology: Schaefer & Ahmad, 1987a (host plants); J.A. Lis, 1991e (larvae). Morphology: J.A. Lis & Kocorek, 1997 (hindwing venation); J.A. Lis et al., 2002 (pretarsal structures).

Family DINIDORIDAE Stål, 1868

DINIDORIDAE Stål, 1868b: 522 (Dinidorida), 1870: 79 (Dinidorina). Type genus: *Dinidor* Latreille, 1829, Neotropical Region.

Subfamily DINIDORINAE Stål, 1868

CORIDIINAE Schumacher, 1924: 335. Unnecessary new name for Dinidorinae Stål.

Type genus: *Coridius* Illiger, 1807.

Extralimital tribe: Thalmini Nuamah, 1982, Australian and Oriental Regions.

Tribe DINIDORINI Stål, 1868

Genus *Coridius* Illiger, 1807

Coridius Illiger in Rossi, 1807: 361. Type species by monotypy: *Cimex ianus* Fabricius, 1775, Oriental Region.

Aspongopus Laporte, 1833: 55, 58 (syn. Schumacher, 1924: 335). Type species by monotypy: *Cimex ianus* Fabricius, 1775, Oriental Region.

Spongopodium Spinola, 1837: 305 (syn. Stål, 1865c: 212, with *Aspongopus*). Type species by monotypy: *Cimex obscurus* Fabricius, 1794 (= *Cimex brunneus* Thunberg, 1783).

Amacosia Spinola, 1850: 78 (syn. Stål, 1865c: 219, with *Aspongopus*). Type species by original designation: *Amacosia delegorguei* Spinola, 1850 (= *Aspongopus nubilus* Westwood, 1837), tropical Africa.

Peltagopus Signoret, 1861: 936 (syn. Stål, 1865c: 212, with *Aspongopus*). Type species by monotypy: *Peltagopus flavomarginatus* Signoret, 1861, Madagascar.

Coridius assamensis (Distant, 1902)

Aspongopus assamensis Distant, 1902a: 285. LT (Durai, 1987: 199): ♂, India, N Khasia; BMNH.

Distr. AS: CH (SW). **EL:** India, Nepal, Vietnam.

Coridius brunneus (Thunberg, 1783)

Cimex brunneus Thunberg, 1783: 45. LT (Durai, 1987: 196): ♀, India; UZIU.

Cimex obscurus Fabricius, 1794: 107 (junior primary homonym of *Cimex obscurus* Gmelin, 1790; syn. Durai, 1987: 195). LT (Durai, 1987: 195): ♀, India; ZMUC.

Cimex obscurior Turton, 1802: 642. New name for *obscurus* Fabricius, 1794.

Aspongopus ochreus Westwood, 1837: 25 (syn. J.A. Lis, 1990b: 113). LT (Durai,

- 1987: 196): ♂, India, Bengal; OXUM.
Aspongopus orientalis Kirkaldy, 1909b: 257. Unnecessary new name for *obscurus* Fabricius, 1794.
Distr. AS: CH (SW WP). **EL:** Australian and Oriental Regions.
- Coridius chinensis* (Dallas, 1851)**
Aspongopus chinensis Dallas, 1851a: 349. LT (Durai, 1987: 197): ♂, CH; BMNH.
Distr. AS: CH (CE NO SE SW WP) JA (Ryukyus) TA. **EL:** Oriental Region.
- Coridius fuscus* (Westwood, 1837)**
Aspongopus fuscus Westwood, 1837: 26. LT (Durai, 1987: 202): ♂, Indonesia, Java; OXUM.
Aspongopus marginalis Dallas, 1851a: 350 (syn. Distant, 1900b: 221). LT (Durai, 1987: 202): ♂, Burma, Tenasserim; BMNH.
Distr. AS: CH (CE SE SW). **EL:** Oriental Region.
- Coridius laosanus* (Distant, 1921)**
Aspongopus laosanus Distant, 1921: 167. LT (Durai, 1987: 200): ♂, Laos, Haut Mekong, Muong Sing; BMNH.
Distr. AS: CH (SW). **EL:** India, Laos, Thailand, Vietnam.
- Coridius nepalensis* (Westwood, 1837)**
Aspongopus nepalensis Westwood, 1837: 26. LT (Durai, 1987: 198): ♀, Nepal; OXUM.
Aspongopus nigriventris Westwood, 1837: 26 (syn. Durai, 1987: 198). LT (Durai, 1987: 198): ♀, India; OXUM.
Distr. AS: CH (SE SW WP). **EL:** Oriental Region.
- Coridius sanguinolentus* (Westwood, 1837)**
Aspongopus sanguinolentus Westwood, 1837: 26. LT (Durai, 1987: 206): ♂, Indonesia, Java; OXUM.
Aspongopus circumcinctus Walker, 1868: 483 (syn. Distant, 1902a: 284). STS: India, Hindostan; BMNH.
Distr. AS: CH (SE SW WP). **EL:** Oriental Region.
- Coridius viduatus* (Fabricius, 1794)**
Cimex viduatus Fabricius, 1794: 117. LT (Durai, 1987: 219): ♀, Guinea; ZMUC.
Pentatoma nigroviolacea Palisot de Beauvois, 1807: 83 (syn. Stål, 1865c: 216). ST(S): Benin, Agathon.
Aspongopus unicolor Herrich-Schaeffer, 1839a: 93 (syn. Stål, 1865c: 216). HT: Africa; lost.
Aspongopus melanopterus Herrich-Schaeffer, 1844: 78 (syn. Dallas, 1851a: 348). STS: ♂, ♀, Nubia [EG or Sudan]; lost.
Aspongopus niger Fieber, 1861: 330 (syn. Stål, 1865c: 216). STS: ♂, ♀, AT and SY.
Aspongopus japetus Distant, 1889b: 387 (syn. Distant, 1903b: 477). ST(S): Zimbabwe, Matabeleland; OXUM?
Aspongopus assar Kirkaldy, 1899a: 47 (syn. Distant, 1903b: 477). ST(S): YE, Socotra; BMNH?
Distr. NA: EG LB. **AS:** AT IN IS JO LE OM SA SI SY YE. **EL:** tropical Africa.
Ref.: Derzhansky & Péricart, 2005 (monogr.).

Genus *Cyclopelta* Amyot & Serville, 1843

Cyclopelta Amyot & Serville, 1843: 172. Type species by subsequent designation (Blanchard, 1844: 499): *Tessaratomya obscura* Lepeletier & Serville, 1828.

Note: Citations of *C. rugosa* Distant, 1921 from CH were based on misidentifications.

Cyclopelta obscura (Lepeletier & Serville, 1828)

Tessaratomya obscura Lepeletier & Serville, 1828: 592. LT (Durai, 1987: 177): ♀, Indonesia, Java; MNHN.

Aspongopus alternans Westwood, 1837: 26. Unnecessary new name for *obscura* Lepeletier & Serville, 1828.

Aspongopus depressicornis Herrich-Schaeffer, 1838: 85 (syn. Dallas, 1851a: 347).

ST(S): locality not given (India, according to Herrich-Schaeffer, 1853b: 74); lost.

Cyclopelta obscura var. *brunnescens* Breddin, 1899a: 168. LT (Durai, 1987: 177): ♂, Indonesia, Lombok, Sapit; ZMUH.

Dist.: AS: CH (CE NO SE SW WP) TA. **EL:** Oriental Region, Australian Region (Papuan subregion).

Cyclopelta parva Distant, 1900

Cyclopelta parva Distant, 1900b: 220. LT (Durai, 1987: 179): ♂, CH (CE), Jiangxi, Kiu Kiang [= Jiujiang]; BMNH.

Dist.: AS: CH (CE NE NO NW SE SW WP) JA (Ryukyus) TA. **EL:** Oriental Region.

Cyclopelta siccifolia (Westwood, 1837)

Aspongopus siccifolius Westwood, 1837: 26. STS: India (Gog [nr Bhanagar] and without locality) and Ceylon [= Sri Lanka]; OXUM.

Cyclopelta tartarea Stål, 1854a: 234 (syn. W.F. Kirby, 1892: 87). LT (Durai, 1987: 181): ♂, Western Himalayas; NHRS.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

[*Cyclopelta solmani* J.A. Lis, 1990

Cyclopelta solmani J.A. Lis, 1990b: 105. HT: ♀, RU, "Siberia orj." (in error); ISZP. Distr.: unknown.

Note: This is a valid species described from East Siberia; as mentioned in the original description, the specimen designated as the holotype was found among insects in Solman's collection. Since, as I.M. Kerzhner suggested (pers. communication), it is rather impossible to find a species of Dinidoridae in well investigated FE territory of Russia, I regard the label for East Siberia as an error. Additionally, the curators of insects in ISZP informed me that many specimens from Solman's collection have been bought by him (not collected by himself), and numerous were erroneously labelled.]

Subfamily MEGYMENINAE Amyot & Serville, 1843

MEGYMENINAE Amyot & Serville, 1843: 181 (Mégyménides). Type genus:

Megymenum Guérin-Méneville, 1831.

Extralimital tribe: Byrsodepsini Kocorek & J.A. Lis, 2000, Oriental Region.

Ref.: Kocorek & J.A. Lis, 2000 (class.).

Note: The name Megymeninae, despite priority, is retained for a subfamily of Dinidoridae in accordance with Art. 35.5 of the Code.

Tribe MEGYMENINI Amyot & Serville, 1843

EUMENOTINI Bergroth, 1907b: 500 (Eumenotaria in Tessaratomidae) (syn. Kocorek &

J.A. Lis, 2000: 18). Type genus: *Eumenotes* Westwood, 1846.

Genus *Eumenotes* Westwood, 1846

Eumenotes Westwood, 1846a: 67. Type species by monotypy: *Eumenotes obscura* Westwood, 1846.

Odonia Bergroth, 1889: 733 (syn. Distant, 1903c: 155). Type species by monotypy: *Aradus truncatus* Walker, 1873 (= *Eumenotes obscura* Westwood, 1846).

Note: The problem of dating of the Westwood's papers in which *Eumenotes obscura* was described, is discussed in Wheeler (1912).

[*Eumenotes obscura* Westwood, 1846

Eumenotes obscura Westwood, 1846a: 67. LT (Durai, 1987: 262): ♂, Oriental Region, locality unknown; OXUM.

Aradus truncatus Walker, 1873b: 39 (junior primary homonym of *Aradus truncatus* Fieber, 1860 in Aradidae; syn. Distant, 1903c: 155). LT (Durai, 1987: 262): ♀, Malaysia, Penang; BMNH.

Eumenotes insularis Distant, 1906: 417 (syn. Esaki, 1930a: 630). LT (Durai, 1987: 262): ♂, Indonesia, Sangir Doherty [= Sangihe] Is.; BMNH.

Distr. EL: Oriental Region.

Ref.: Durai, 1986, 1988 (life hist.).]

***Eumenotes pacao* Esaki, 1922**

Eumenotes pacao Esaki, 1922: 197 (syn. Esaki, 1930a: 630, with *obscura*; restored by Kocorek & J.A. Lis, 2000: 20). HT: ♂, TA, Kappazan Mt., nr Toyen [=Taoyuan]; KUEC.

Distr. AS: CH (SE SW) JA (Ryukyus) TA.

Ref.: Esaki, 1930a (biol., as *E. obscura*); Kocorek & J.A. Lis, 2000 (tax.).

Genus *Megymenum* Guérin-Ménéville, 1831

Megymenum Guérin-Ménéville, 1831: pl. 12, fig. 1; 1838: 51. Type species by monotypy: *Megymenum dentatum* Guérin-Ménéville, 1831, Australian Region.

Amaurus Burmeister, 1834a: 294 (syn. Burmeister, 1835: 349). Type species by subsequent designation (Kirkaldy, 1909b: 258): *Cimex brevicornis* Fabricius, 1787, Oriental Region.

Pseudaradus Burmeister, 1834b: 19, 21 (syn. Burmeister, 1835: 349). Type species by original designation: *Cimex brevicornis* Fabricius, 1787.

Megalymenum Burmeister, 1835: 349. Unjustified emendation.

Platydius Westwood, 1835: 446 (syn. Herrich-Schaeffer, 1853b: 125). Type species by original designation: *Cimex brevicornis* Fabricius, 1787.

Anoplocephala Stål, 1870: 88 (as subgenus of *Megymenum*; syn. Durai, 1987: 244). Type species by subsequent designation (Kirkaldy, 1909b: 258): *Megymenum semivestitum* Vollenhoven, 1868, E Indonesia.

Pissistes Stål, 1870: 88 (as subgenus of *Megymenum*; syn. Durai, 1987: 244). Type species by monotypy: *Megymenum gracilicorne* Dallas, 1851.

Note: Citations of *M. anacanthum* Vollenhoven, 1868 and *M. mekongum* Distant, 1921 from CH were based on mistakes.

***Megymenum brevicorne* (Fabricius, 1787)**

Cimex brevicornis Fabricius, 1787: 294. LT (Durai, 1987: 257): ♂, CH; ZMUC.

Amaurus inermis Herrich-Schaeffer, 1840a: 62 (syn. Kocorek & J.A. Lis, 2000: 22). ST(S): India or Bangladesh ("Bengalia"); lost.

Distr. AS: CH (CE NO SE SW WP). **EL:** Oriental Region.

***Megymenum gracilicorne* Dallas, 1851**

Megymenum gracilicorne Dallas, 1851a: 364. LT (Durai, 1987: 254): ♂, CH (CE), Shanghai; BMNH.

Megymenum (Pissistes) tauriformis Distant, 1883: 416, 427 (syn. Durai, 1987: 253). LT (Durai, 1987: 254): ♀, JA; BMNH.

Megymenum tauriforme var. *capitatum* Yang, 1934c: 74 (syn. Yang, 1940: 32). HT: ♂, CH (CE), Kiangsi [= Jiangxi]; MNHN.

Distr. AS: CH (CE NE NO SE SW) JA KO TA.

***Megymenum parallelum* Vollenhoven, 1868**

Megymenum parallelum Vollenhoven, 1868b: 48. LT (Durai, 1987: 253): ♀, Indonesia, Sumatra; RMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

***Megymenum pratti* Distant, 1911**

Megymenum pratti Distant, 1911b: 353. LT (Durai, 1987: 255): ♂, CH (CE), Jiangxi, Kiu Kiang [= Jiujiang]; BMNH.

Distr. AS: CH (CE SE).

***Megymenum salebrosum* J.A. Lis, 1992**

Megymenum salebrosum J.A. Lis, 1992b: 40. HT: ♀, Vietnam, Tonkin, Hajiank; ZMAS.

Distr. AS: CH (SW). **EL:** Laos, Vietnam.

***Megymenum severini* Bergroth, 1892**

Megymenum severini Bergroth, 1892c: 504. LT (Durai, 1987: 256): ♀, India, Sikkim; HNHM.

Distr. AS: TA. **EL:** India.

***Megymenum spinosum* (Burmeister, 1834)**

Amaurus spinosus Burmeister, 1834a: 294. ST(S): Philippines, Manila; lost.

Platydius subpurpurascens Westwood, 1835: 446 (syn. Durai, 1986: 4). LT (Durai, 1987: 259): ♂, Indonesia, Java; OXUM.

Megymenum cupreum Guérin-Méneville, 1838: 172 (syn. Amyot & Serville, 1843: 182). ST(S): Indonesia, Java; MNHN?

Megymenum meratii Guillou, 1841: 261 (syn. Vollenhoven, 1868b: 47, with *cupreum*). LT (J.A. Lis & Kocorek, 1996: 251): ♂, Indonesia, Timor; MNHN.

Distr. AS: CH? JA? **EL:** Australian and Oriental Regions.

Note: Records from CH and JA are most probably erroneous (see Yang, 1940).

Family PENTATOMIDAE Leach, 1815

D.A. Rider

The family Pentatomidae is the largest in the Pentatomoidea, presently containing over 4700 species in nearly 900 genera. Its members occur worldwide, and are especially diverse in both Old World and New World tropics. The higher classification is very unsettled, and has changed considerably through the years. Many of the other pentatomoid families at one time or another were considered subfamilies of the Pentatomidae (e.g. Scutellerinae, Tessaratominae), and some of the current subfamilies have been treated as tribes in the past (e.g. Asopini, Edessini). There are currently ten subfamilies, although several of these are accorded family rank by some workers (e.g. Aphyllidae, Cyrtocoridae). The Aphyllinae and Serbaninae occur in Australia and Indonesia, respectively, while the Cyrtocorinae, Discocephalinae, Edessinae, and Stiotarsinae are strictly New World in distribution. The remaining four subfamilies occur worldwide, each with a number of species in the Palaearctic region. The tribal arrangement within these subfamilies is also chaotic. For example, most workers only recognize 10-15 pentatomine tribes (the 10-15 may vary considerably from worker to worker however), but there are over 40 still in use worldwide. The tribal classification used here is based primarily on the literature.

This family is extremely diverse, both ecologically and morphologically. In general, they possess five antennal segments (although a few species have four or even three), three tarsal segments (again, there are a few species with only two), and a scutellum that does not cover the abdomen (again there are exceptions, especially in the Asopinae and Podopinae). They lack the stout bristles or spines on the legs which characterize the Cydnidae and Thyreocoridae. Perhaps the most unifying character is the sclerotized rod in the spermatheca of the female reproductive system. No other family possesses this character while only one New World pentatomid genus (*Trichopepla*) is known to lack this structure. Most species are medium in size, although some can be quite small and others quite large. Most species are phytophagous, feeding on a diverse group of plants. As such, many are considered economic pests (e.g. *Nezara viridula*, *Eurydema* spp., *Aelia* spp., etc.). On the other hand, members of the subfamily Asopinae are predatory, feeding primarily on other invertebrates. Several species have been used as biological control agents against various insect pests. Some groups can stridulate (Diemeniini, Mecideini), and some are known to exhibit parental care of their eggs and nymphs (some Discocephalinae).

There has been no modern comprehensive catalog of the entire group, the last being those of Lethierry and Severin (1893) and Kirkaldy (1909). Subsequent catalogs have appeared for Australia (Cassis and Gross, 2002) and China (Hoffmann, 1935; Tang, 1935), as well as a series of modern checklists for China (Rider and Zheng, 2002, 2005; Rider et al., 2002). There are a number of publications covering the fauna of a country or small region (e.g. Putshkov, 1965; Hsiao et al., 1977; Kis, 1984 and others), but only a few that study an entire group on a larger geographical scale (Vidal, 1994; Thomas, 1992, 1994 on the Asopinae; Davidová-Vilímová and Štys, 1994; Davidová-Vilímová and McPherson, 1995 on the Podopinae; Derzhansky & Péricart, 2005 on Dinidoridae and Pentatomidae).

Family PENTATOMIDAE Leach, 1815

PENTATOMIDAE Leach, 1815: 121 (Pentatomides). Type genus: *Pentatoma* Olivier, 1789.
RHAPHIGASTRIDAE Amyot & Serville, 1843: xxv, 141 (Rhaphigastrides). Type genus: *Rhaphigaster* Laporte, 1833.

Extralimital subfamilies: Aphyllinae Bergroth, 1906, Australia; Cyrtocorinae Distant, 1880,

Neotropical; Discocephalinae Fieber, 1861, Neotropical; Edessinae Amyot & Serville, 1843, Neotropical; Serbaninae Leston, 1953, Southeast Asia; Stirotarsinae Rider, 2000, Neotropical.

Subfamily ASOPINAE Amyot & Serville, 1843

STIRETRINAE Amyot & Serville, 1843: xix, 74 (Stiretrides). Type genus: *Stiretrus* Laporte, 1833, New World.

ASOPINAE Amyot & Serville, 1843: xix, 77 (Asopides). Type genus: *Asopus* Burmeister, 1834 (= *Discocera* Laporte, 1833), Neotropical Region.

JALLAINAE Mulsant & Rey, 1866: 331 (Jallaires). Type genus: *Jalla* Hahn, 1832.

ARMINAE Bergroth, 1904: 32 (Arminen). Type genus: *Arma* Hahn, 1832.

AMYOTEINAE Schouteden, 1907b: 2. Type genus: *Amyotea* Ellenrieder, 1862.

DISCOCERINAE Schouteden, 1907b: 4 (Discoceraria). Type genus: *Discocera* Laporte, 1833, Neotropical Region.

CAZIRINI Azim & Shafee, 1980: 81. Type genus *Cazira* Amyot & Serville, 1843.

Note: Nomenclatural problems concerning the family group names are discussed by Thomas (1992). The validity of the family group name Asopinae is in jeopardy unless Kirkaldy's (1909b) type selection for the genus *Asopus* is suppressed. Furthermore, Thomas (1992) gave evidence for not recognizing any tribal groups within the Asopinae. A rather complete list of family-group names is presented above in order to facilitate further work on the subfamilial classification.

Genus *Afrius* Stål, 1870

Afrius Stål, 1870a: 44 (as subgenus of *Cimex*; upgraded by Distant, 1892a: 248). Type species by subsequent designation (Schouteden, 1907b: 50): *Pentatoma purpurea* Westwood, 1837 (= *Pentatoma yolofo* Guérin-Méneville, 1831).

Extralimital subgenus: *Subafrius* Schouteden, 1907, Madagascar, Mauritius, Seychelles.

Ref.: Schouteden, 1907b (descr., key); Thomas, 1994 (descr., key).

Afrius yolofo (Guérin-Méneville, 1831)

Pentatoma yolofo Guérin-Méneville, 1831: pl. 55, fig. 2 and legend; 1838: 344. LT (Maldes & Pluot-Sigwalt, 2004: 26): ♀, Senegal; MNHN.

Pentatoma purpurea Westwood, 1837: 43 (syn. Stål, 1870a: 44). ST(S): Africa; OXUM.

Asopus figuratus Germar, 1838: 185 (syn. Stål, 1865c: 66). ST(S): South Africa, Cape of Good Hope; BMNH?, ZMHB.

Canthecona marginella Dallas, 1851a: 89 (syn. Stål, 1863a: 496). ST(S): ♂, Sierra Leone; BMNH.

Canthecona caerulea Dallas, 1851a: 89 (syn. Stål, 1863a: 496). ST(S): ♂, South Africa, Port Natal [= Durban]; BMNH.

Canthecona miniatescens Stål, 1854b: 213 (syn. Stål, 1865c: 66). ST(S): South Africa, Natalensi [= Natal Prov.]; NHRS.

Distr. AS: YE. **EL:** Africa (widespread).

Ref.: Dupuis, 1952 (tax.); Gillon, 1974 (ecol.); Leston, 1954b (morph.); Linnavuori, 1989 (descr., fig.); Nuamah, 1982 (chrom.).

Genus *Amyotea* Ellenrieder, 1862

Asopus (non Burmeister, 1834b: 19, 23; before Febr. 19): Burmeister, 1934a: 292 (after March 12). Misidentification based on acceptance of *Lygaeus argus* Fabricius, 1803 (= *Cimex malabaricus* Fabricius, 1775) as type species.

Amyotea Ellenrieder, 1862: 137. Type species by subsequent designation (Schouteden,

1907b: 54): *Amyotea dystercooides* Ellenrieder, 1862 (= *Cimex malabaricus* Fabricius, 1775).

Ref.: Thomas, 1994 (descr., key).

Note: See Thomas (1992) for a detailed discussion of the nomenclatural problems pertaining to the generic names *Asopus* and *Amyotea*.

***Amyotea malabarica* (Fabricius, 1775)**

Cimex malabaricus Fabricius, 1775: 718. ST(S): India, “littore Malabarica” [= Malabar coast]; lost? (no specimens listed in Zimsen, 1964).

Cimex mactans Fabricius, 1781: 366 (syn. Stål, 1870a: 57). ST(S): India; BMNH.

Cimex oculatus Fabricius, 1798: 535 (junior primary homonym of *Cimex oculatus* Fabricius, 1775; syn. Dallas, 1851a: 107). STS: India, “Tranquebariae [= area around Madras]”; ZMUC.

Lygaeus argus Fabricius, 1803: 217. New name for *oculatus* Fabricius, 1798.

Amyotea dystercooides Ellenrieder, 1862: 137 (syn. Stål, 1870a: 57). ST(S): Indonesia, Sumatra, Lahat.

Amyotea nigripes Ellenrieder, 1862: 138 (syn. Stål, 1870b: 230). ST(S): Indonesia, Sumatra, Lahat.

Asopus malabarica var. *rubrocincta* Breddin, 1899a: 166. HT: ♀, Indonesia, Lombok, Sapit; DEIC?

Asopus rufus Azim & Shafee, 1982: 361 (syn. Thomas, 1994: 157). HT: ♀, India, Uttar Pradesh, Agra; Aligarh Muslim University, Aligarh, India?

Distr. AS: CH (SE SW WP) TA. **EL:** tropical Asia.

Ref.: Rider & L.Y. Zheng, 2002 (tax.); Schouteden, 1907b (descr., tax.).

Genus *Andrallus* Bergroth, 1906

Audinetia Ellenrieder, 1862: 136 (junior homonym of *Audinetia* Lepeletier, 1841, Hymenoptera). Type species by monotypy: *Audinetia aculeata* Ellenrieder, 1862 (= *Cimex spinidens* Fabricius, 1787).

Andrallus Bergroth, 1906a: 370. New name for *Audinetia* Ellenrieder, 1862.

Ref.: Abbasi, 1986 (descr., key); Thomas, 1992, 1994 (descr., key).

***Andrallus spinidens* (Fabricius, 1787)**

Cimex spinidens Fabricius, 1787: 285. ST(S): India, “Tranquebariae” [= area around Madras]; ZMUC.

Asopus geometricus Burmeister, 1835: 380 (syn. Dallas, 1851a: 95). ST(S): Indonesia, Java; MLUH.

Pentatoma aliena Westwood, 1837: 40 (syn. Dallas, 1849: 187, with *geometricus*). ST(S): Nova Hollandia [= Australia]; OXUM.

Acanthidium cinctum Montrouzier, 1858: 252 (syn. Schouteden, 1907a: 112). STS: ♂, ♀, New Caledonia, Balade; ISNB.

Audinetia aculeata Ellenrieder, 1862: 137 (syn. Stål, 1868b: 496). ST(S): Indonesia, Sumatra.

Apateticus ludovicianus Stoner, 1917: 462 (syn. Torre-Bueno, 1939: 118). HT: ♀, USA, Louisiana, Baton Rouge; University of Louisiana, Baton Rouge, USA?

Distr. EU: IT GR! **AS:** AB AT CH (CE SE SW WP) IN JA SI TA TM. **EL:** Australia, tropical Africa and Asia, southern United States, Central and South America.

Ref.: Ren, 1992c (egg); Satapathy & Patnaik, 1991 (chrom.).

Genus *Arma* Hahn, 1832

Arma Hahn, 1832: 91. Type species by subsequent designation (Schouteden, 1907b: 57):
Cimex custos Fabricius, 1794.

Harma Marshall, 1868: 282 (junior homonym of *Harma* Doubleday, 1848, Lepidopera).
Unjustified emendation.

Auriga Kirkaldy, 1909b: 15. Unnecessary new name for *Arma* Hahn, 1832.

Ref.: Thomas, 1994 (descr., key).

Arma chinensis Fallou, 1881

Arma chinensis Fallou, 1881: 340. ST(S): CH (NO), Pékin [= Beijing]; MNHN.

Arma discors Jakovlev, 1902c: 64 (syn. Kiritshenko, 1922: 14). LT (Derzhansky et al., 2002: 367): ♀, MG, Khalkhyn gol River; ZMAS.

Auriga peipingensis Yang, 1933a: 21 (syn. Thomas, 1994: 165). HT: ♀, CH (NO),
Peiping [= Beijing].

Distr. AS: CH (CE NE NO NW SE SW) KO MG.

Ref.: Josifov & Kerzhner, 1978 (descr., fig.); Ren, 1992c (egg).

Arma custos (Fabricius, 1794)

Cimex custos Fabricius, 1794: 94. ST(S): GE, “Kiliae” [= Kiel]; ZMUC.

Arma custos var. *fuscoantennata* Motschulsky, 1860a: 501. Nomen nudum.

Arma custos f. *scutellaris* Stichel, 1961: 656 (unavailable name).

Arma neocustos Ahmad & Önder, 1990a: 8 (syn. Thomas, 1994: 165). HT: ♂, ET,
Lüleburgaz; EUIT.

Arma neoinsperata Ahmad & Önder, 1990a: 9 (syn. Thomas, 1994: 165). HT: ♀, ET,
Lüleburgaz; EUIT.

Distr. EU: AU BE BH BU BY CR CZ DE EN ET FR GE HU IT LA LS LT LU MC
MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AT CH (NE
NW) GG JA KI KO MG RU (ES FE WS).

Ref.: Muramoto, 1973 (chrom.); Ren, 1992c (egg); Rider & L.Y. Zheng, 2002 (tax.).

Arma ferruginea (Hsiao & Cheng, 1977)

Martinina ferruginea Hsiao & Cheng, 1977: 86, 297. HT: ♂, CH (SW), Sichuan, Mt
Emei, Chu-dian; NKUM.

Distr. AS: CH (CE SW WP).

Ref.: L.Y. Zheng, 1980 (tax.).

Arma insperata Horváth, 1899

Arma insperata Horváth, 1899a: 445. ST(S): ♀, GR, Cumani in Morea; HNHM.

Distr. EU: BU ET GR HU MC RO SK. **AS:** AT IN.

Ref.: Ahmad & Önder, 1990a (descr., fig.); Josifov & Kerzhner, 1978 (descr., fig.).

Arma koreana Josifov & Kerzhner, 1978

Arma koreana Josifov & Kerzhner, 1978: 181. HT: ♂, KO, Phjongjang; ZISB.

Distr. AS: CH (NE SW) KO.

Arma maculata L.Y. Zheng, 1980

Arma maculata L.Y. Zheng, 1980: 321. HT: ♂, CH (SW), Yunnan, Kunming,
Hua-hong-dong; NKUM.

Distr. AS: CH (SW).

Arma tubercula (Yang, 1935)

Auriga custos var. *tubercula* Yang, 1935: 115 (upgraded by Josifov & Kerzhner, 1978:

183). STS: ♂, ♀, CH (SW), Kouy-Tchéou [= Guizhou] and Yunnan; MNHN?
Distr. AS: CH (CE SW).

Genus *Blachia* Walker, 1867

Blachia Walker, 1867b: 117. Type species by monotypy: *Blachia ducalis* Walker, 1867.

Sesha Distant, 1887: 343 (syn. Atkinson, 1888a: 171). Type species by monotypy: *Sesha manifesta* Distant, 1887 (= *Blachia ducalis* Walker, 1867).

Ref.: Distant, 1902a (descr., key); Schouteden, 1907b (descr., key); Thomas, 1994 (descr., key).

***Blachia ducalis* Walker, 1867**

Blachia ducalis Walker, 1867b: 117. HT: Siam [= Thailand]; BMNH.

Cazira coccinelloides Vollenhoven, 1868b: 4 (syn. Schouteden, 1907d: 42). ST(S): ♂, India, Hindostan; RMNH.

Sesha manifesta Distant, 1887: 343 (syn. Atkinson, 1888a: 171). STS: India, Sikkim; BMNH, NZSI.

Distr. AS: CH (SW). **EL:** Burma, India, Thailand.

Genus *Cantheconidea* Schouteden, 1907

Cantheconidea Schouteden, 1907b: 44. Type species by original designation: *Glypsus javanus* Dallas, 1851, Indonesia, Sri Lanka.

Ref.: Thomas, 1994 (descr., key).

***Cantheconidea humeralis* (Distant, 1908)**

Canthecona humeralis Distant, 1908a: 452. ST(S): ♂, Burma, Tenasserim, Merg; BMNH.

Distr. AS: CH (SE SW). **EL:** Burma, N India.

Ref.: Ren, 1992c (egg).

Genus *Cazira* Amyot & Serville, 1843

Cazira Amyot & Serville, 1843: xx, 78. Type species by monotypy: *Cazira verrucosa* sensu Amyot & Serville, 1843 (= *Asopus chiroptera* Herrich-Schaeffer, 1840), Indonesia, Malaysia, Philippines.

Teratocazira Breddin, 1903c: 34 (as subgenus of *Cazira*; syn. Thomas, 1994: 169). Type species by monotypy: *Cazira horvathi* Breddin, 1903.

Breddiniella Schouteden, 1907c: 49 (syn. Thomas, 1994: 169). Type species by monotypy: *Breddiniella insignis* Schouteden, 1907, Bhutan, India.

Metacariza Schouteden, 1907b: 23 (as subgenus of *Cazira*; syn. Thomas, 1994: 169). Type species by original designation: *Pentatoma verrucosa* Westwood, 1835.

Acicazira Hsiao & Cheng, 1977: 80, 297 (syn. L.Y. Zheng & G.Q. Liu, 1987a: 292). Type species by original designation: *Acicazira gibbosa* Hsiao & Cheng, 1977 (= *Cazira horvathi* Breddin, 1903).

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key); Schouteden, 1907b (key); Thomas, 1994 (descr., key).

***Cazira breddini* Schouteden, 1907**

Cazira breddini Schouteden, 1907c: 41. STS: Bhutan, Maria-Basti; MNHN.

Distr. AS: CH (SW WP). **EL:** Bhutan, India.

***Cazira concinna* Hsiao & Cheng, 1977**

Cazira concinna Hsiao & Cheng, 1977: 81, 297. HT: ♂, CH (SE), Hainan, Xin-long County; TMNH.

Distr. AS: CH (CE SE).

***Cazira emeia* Zhang & Lin, 1982**

Cazira emeia Zhang & Lin, 1982: 58. HT: ♂, CH (SW), Sichuan, Mt Emei, Jiu-lao-dong; IZAS.

Distr. AS: CH (CE SE SW).

***Cazira flava* Yang, 1935**

Cazira flava Yang, 1934e: 98. HT: ♂, CH (SW), Kouy-Tchéou [= Guizhou], Gan. chouen Fou, Anshunfu [= Anshun]; MNHN.

Distr. AS: CH (SW).

***Cazira frivaldszkyi* Horváth, 1889**

Cazira frivaldszkyi Horváth, 1889c: 33. ST(S): ♀, Himalaya; HNHM?

Cazira bhoutanica Schouteden, 1907c: 39 (syn. Horváth, 1909a: 631). STS: Bhutan, Maria -Basti and CH (CE), Kiang-Si [= Jiangxi]; MNHN.

Distr. AS: CH (CE SE SW). **EL:** Bhutan, N India.

***Cazira horvathi* Breddin, 1903**

Cazira (Teratocazira) horvathi Breddin, 1903c: 34. LT (Gaedike, 1971: 88, as HT): ♂, Tonkin [= Vietnam], Mauson Mts; DEIC.

Acicazira gibbosa Hsiao & Cheng, 1977: 81, 297 (syn. L.Y. Zheng & G.Q. Liu, 1987a: 292). HT: ♀, CH (CE), Hunan, Mt. Heng-shan; NKUM.

Distr. AS: CH (CE SE). **EL:** Vietnam.

***Cazira inerma* Yang, 1935**

Cazira inerma Yang, 1934e: 99. HT: ♂, CH (SW), Kouy-Tchéou [= Guizhou], Anshunfu, Gan Chouen Fou [= Anshun], Pin-Fa [= Pinba]; MNHN.

Distr. AS: CH (CE NO SE SW).

***Cazira membrania* Zhang & Lin, 1982**

Cazira membrania Zhang & Lin, 1982: 59. HT: ♂, CH (CE), Zhejiang, Mt. West Tian-mu-shan; IZAS.

Distr. AS: CH (CE SW).

Ref.: Bu & L.Y. Zheng, 1997 (descr., distr., fig.).

***Cazira montandoni* Breddin, 1903**

Cazira montandoni Breddin, 1903c: 34. LT (Gaedke, 1971: 92, as HT): ♀, Tonkin [= Vietnam], Chiem Hoa; DEIC.

Distr. AS: CH (SW). **EL:** Vietnam.

***Cazira sichuana* Zhang & Lin, 1986**

Cazira sichuana Zhang & Lin, 1986: 92. HT: ♂, CH (SW), Sichuan, Luding; IZAS.

Distr. AS: CH (SW).

***Cazira thibetensis* Schouteden, 1907**

Cazira thibetensis Schouteden, 1907c: 42. STS: ♂, ♀, CH (SW), Sichuan, Mou-Pin [= Baoxing]; MNHN.

Distr. AS: CH (SW).

***Cazira vegeta* Kirkaldy, 1909**

Asopus ulceratus (non Burmeister, 1835): Herrich-Schaeffer, 1839a: 103.

Misidentification (see Kirkaldy, 1909b: 29).

Cazira vegeta Kirkaldy, 1909b: 29. For *ulceratus* sensu Herrich-Schaeffer, 1839. ST(S):

Koromandel [E India]; lost?

Distr. AS: CH (SW) JA. **EL:** India, Thailand.

Note: *Cazira ulceratus* (Burmeister) is known only from Indonesia (Java, Sumatra); all references to *C. ulceratus* from CH, India, and southeast Asia should be referred to *C. vegeta*.

***Cazira verrucosa* (Westwood, 1835)**

Pentatoma verrucosa Westwood, 1835: 445. ST(S): India, “littore Malabarica”

[= Malabar coast]; OXUM.

Asopus verrucifer Burmeister, 1835: 380 (syn. Westwood, 1837: 9). ST(S): Indonesia, Java; MLUH.

Cazira ulcerata (non Herrich-Schaeffer, 1839): Matsumura, 1913: 112.

Misidentification (see Esaki, 1926a: 152).

Distr. AS: CH (CE SE SW WP) TA. **EL:** Oriental Region.

Ref.: Abbasi, 1986 (descr., fig.); Ren, 1992c (egg).

***Cazira yunnanica* (Zhang & Lin, 1982)**

Breddiniella yunnanica Zhang & Lin, 1982: 57. HT: ♂, CH (SW), Yunnan,

Xishuang-banna, Meng-ah; IZAS.

Distr. AS: CH (SW).

Genus *Cecyrina* Walker, 1867

Cecyrina Walker, 1867b: 118. Type species by monotypy: *Cecyrina platyrhinoides* Walker, 1867.

Ref.: Distant, 1902a (descr., key); Schouteden, 1907b (descr., key); Thomas, 1994 (descr., key).

***Cecyrina platyrhinoides* Walker, 1867**

Cecyrina platyrhinoides Walker, 1867b: 119. STS: India, Hindostan; BMNH.

Distr. AS: CH (CE SE SW WP). **EL:** Bhutan, India.

Ref.: Lin et al., 1993 (distr.); L.Y. Zheng, 1980 (descr., distr., fig.).

Genus *Dinorhynchus* Jakovlev, 1876

Dinorhynchus Jakovlev, 1876b: 107. Type species by monotypy: *Dinorhynchus dybowskyi* Jakovlev, 1876.

Neoglypsus Distant, 1881a: 27 (syn. Horváth, 1889a: 326). Type species by monotypy:

Neoglypsus viridicatus Distant, 1881 (= *Dinorhynchus dybowskyi* Jakovlev, 1876).

Ref.: Schouteden, 1907b (descr., key); Thomas, 1994 (descr., key).

***Dinorhynchus dybowskyi* Jakovlev, 1876**

Dinorhynchus dybowskyi Jakovlev, 1876b: 109. HT: ♂, RU (FE), Primorsk Terr., Askol'd Is.; ZMAS.

Neoglypsus viridicatus Distant, 1881a: 27 (syn. Horváth, 1889a: 326). ST(S): JA, Tokei; BMNH.

Distr. AS: CH (NE NO) JA KO RU (FE).

Ref.: Miyamoto & Hidaka, 1965 (fig.); Muramoto, 1981 (chrom.); Okamoto, 1942 (biol., egg, larva).

***Dinorhynchus opulentus* (Distant, 1890)**

Neoglypsus opulentus Distant, 1890: 159. ST(S): CH (CE), Hubei, Changyang; BMNH.

Distr. AS: CH (CE).

Ref.: Thomas, 1994 (descr.).

Genus *Eocanthecona* Bergroth, 1915

Eocanthecona Bergroth, 1915b: 484. Type species by original designation: *Cimex furcellatus* Wolff, 1811.

Ref.: Ruckes, 1963 (key); Thomas, 1992 (descr., key), 1994 (descr., key).

***Eocanthecona binotata* (Distant, 1879)**

Canthecona binotata Distant, 1879a: 47. ST(S): India, Naga Hills; BMNH.

Distr. AS: CH (SW). **EL:** India.

Ref.: Ahmad & Rana, 1988 (key); Bu & L.Y. Zheng, 1997 (distr.).

***Eocanthecona concinna* (Walker, 1867)**

Canthecona concinna Walker, 1867b: 131. HT: CH (SE), Hong Kong; BMNH.

Distr. AS: CH (CE SE SW WP) TA.

Ref.: Ren et al., 1990 (egg).

***Eocanthecona formosa* (Horváth, 1911)**

Cantheconidea formosa Horváth, 1911b: 432. ST(S): ♂, TA, Kosempo; HNHM.

Cantheconidea furcata [sic] var. *formosana* Shiraki, 1913a: 210 (syn. Esaki, 1926a: 151). ST(S): TA.

Cantheconidea formosana Sonan, 1927: 42 (junior primary homonym of *Cantheconidea furcellata* var. *formosana* Shiraki, 1913; syn. Thomas, 1994: 176). ST(S)?: TA.

Distr. AS: TA.

***Eocanthecona furcellata* (Wolff, 1811)**

Cimex furcellatus Wolff, 1811: 182. ST(S): India orientali; lost.

Asopus armiger Herrich-Schaeffer, 1844: 119 (syn. Stål, 1870a: 42). HT: ♀, India or Bangladesh, Bengal; lost?

Distr. AS: CH (SE SW WP) JA (Ryukyus) TA. **EL:** tropical Asia.

Ref.: Mittal & Leelamma, 1981 (chrom.); Rani & Wakamura, 1993 (biol.); Zhang, 1985 (larva).

***Eocanthecona japonicola* (Esaki & Ishihara, 1950)**

Cantheconidea japonicola Esaki & Ishihara, 1950: 54. HT: ♂, JA, Honshu, Hiroshima Prefecture, Sandan-kyo; KUEC.

Distr. AS: JA.

***Eocanthecona kyushuensis* (Esaki & Ishihara, 1950)**

Cantheconidea kyushuensis Esaki & Ishihara, 1950: 57. HT: ♂, JA, Kyushu, Fukuoka, Hirao; KUEC.

Distr. AS: JA.

Ref.: Miyamoto & Hidaka, 1965 (descr., fig.).

***Eocanthecona parva* (Distant, 1902)**

Canthecona parva Distant, 1902a: 250. STS: India, Bengal, Mysore; BMNH.

Distr. AS: CH (SW WP) TA. **EL:** India.

***Eocanthecona shikokuensis* (Esaki & Ishihara, 1950)**

Cantheconidea shikokuensis Esaki & Ishihara, 1950: 55. HT: ♂, JA, Shikoku, Kochi Prefecture, Aki-gun, Umamichi-mura; KUEC.

Distr. AS: JA.

***Eocanthecona thomsoni* (Distant, 1911)**

Cantheconidea thomsoni Distant, 1911b: 351. ST(S): CH (NE), Shan-hai-kwan; BMNH.

Distr. AS: CH (CE NE NO SE SW).

Genus *Glypsus* Dallas, 1851

- Glypsus* Dallas, 1851a: 93. Type species by subsequent designation (Distant, 1902a: 251): *Asopus vigil* Germar, 1838, southern Africa.
- Epiglypsus* Schouteden, 1907b: 31 (as subgenus of *Glypsus*; syn. Thomas, 1994: 178). Type species by monotypy: *Glypsus truculentus* Walker, 1867, Madagascar.
- Paraglypsus* Schouteden, 1907b: 31. (as subgenus of *Glypsus*; syn. Kirkaldy, 1909b: 27). Type species by subsequent designation (Kirkaldy, 1909b: 27): *Edessa moesta* Germar, 1838 (= *Aelia conspicua* Westwood, 1837).
- Cataglypsus* Kirkaldy, 1909b: 27 (as subgenus of *Glypsus*). Unnecessary new name for *Glypsus* sensu Schouteden, 1907. Type species by original designation: *Glypsus bouvieri* Schouteden, 1907, Africa (see note).
- Note:** Kirkaldy (1909b: footnote on p. 27) rejected Distant's (1902a) designation of *Asopus vigil* Germar, 1838, as type species for *Glypsus* and selected *Aelia conspicua* Westwood, 1837, as type; the result of this selection was that the subgenus *Paraglypsus* Schouteden, 1907, became a junior synonym of *Glypsus*. Kirkaldy then proposed *Cataglypsus* for those species Schouteden had treated under the nominotypical subgenus. This was all unnecessary as Distant's (1902a) type designation was valid.

***Glypsus conspicuus* (Westwood, 1837)**

- Aelia conspicua* Westwood, 1837: 33. ST(S): "Africa interiore"; OXUM.
- Edessa moesta* Germar, 1838: 161 (syn. Schouteden, 1905c: 206). STS: South Africa, Cape of Good Hope; ZMUL.
- Glypsus pictiventris* Stål, 1854b: 213 (syn. Stål, 1865c: 64). STS: South Africa, road to Limpopo; NHRS.
- Distr. AS:** YE. **EL:** tropical Africa.

***Glypsus luridus* Dallas, 1851**

- Glypsus luridus* Dallas, 1851a: 93. ST(S): ♂, KO; BMNH? (not located, see Thomas, 1994: 180).
- Distr. AS:** KO.
- Note:** Thomas (1994) suspected that the type locality is erroneous.

Genus *Jalla* Hahn, 1832

- Jalla* Hahn, 1832: 100. Type species by monotypy: *Cimex dumosus* Linnaeus, 1758.
- Ref.:** Thomas, 1994 (descr., key).

***Jalla anthracina* Jakovlev, 1885**

- Jalla anthracina* Jakovlev, 1885b: 162. LT (Derzhansky et al., 2002: 365): ♀, FR, Hyères; ZMAS.
- Distr. EU:** FR (in error?).
- Note:** Puton (1886b: 356) placed this species as a junior synonym of *Jalla dumosa* var. *nigriventris* Fieber, 1861 which was followed by all workers until Kiritshenko (1922) indicated that they were not conspecific. Kiritshenko (1922) also gave a short description of the type, and indicated that the type locality, FR, Hyères, was probably in error.

***Jalla dumosa* (Linnaeus, 1758)**

- Cimex dumosus* Linnaeus, 1758: 445. ST(S): EU; LSUK?
- Jalla nigriventris* Fieber, 1861: 347 (syn. Puton, 1869: 8). STS: GR, AT; MNHN.
- Jalla subdilatata* var. *vidua* Horváth, 1917b: 376 (syn. Thomas, 1994: 182). ST(S): ♀,

AG, Teniet-el-Haad; HNHM.
Distr. EU: AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IT LA LT LU
MC MD NL PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG MO TU.
AS: AB AF AK AR AT CH (NE NW) GG IN IS KI RU (ES FE WS) SY TD TM UZ.
Ref.: Hinton, 1981 (egg); Putshkova, 1961 (egg).

***Jalla subcalcarata* Jakovlev, 1885**

Jalla subcalcarata Jakovlev, 1885b: 163. LT (Derzhansky et al., 2002: 371): ♂, AK,
Songaria [= area between Dzhungar Alatau and Tarbagatai]; ZMAS.
Distr. AS: AK CH (NE NO NW WP) IN KI MG RU (ES WS).

***Jalla subdilatata* Reuter, 1900**

Jalla subdilatata Reuter, 1900c: 238. STS: AG, Oran, Mechéria; MZHF, SMNS.
Distr. NA: AG.
Ref.: Lindberg, 1951 (type); Thomas, 1994 (key).

Genus *Macrorhaphis* Dallas, 1851

Macrorhaphis Dallas, 1851a: 87. Type species by monotypy: *Asopus leprosus* Germar, 1838,
Africa.
Ref.: Cachan, 1952 (descr., key); Schmitz, 1976 (descr.); Schouteden, 1907b (descr., key);
Thomas, 1994 (descr., key).

Subgenus *Megarhaphis* F.B. White, 1878

Megarhaphis F.B. White, 1878: 463 (as genus; downgraded by Schouteden, 1907b: 39).
Type species by monotypy: *Megarhaphis wollastoni* F.B. White, 1878, St Helena.

***Macrorhaphis acuta* Dallas, 1851**

Macrorhaphis? *acuta* Dallas, 1851a: 88. ST(S): ♂, “Congo”; BMNH.
Macrorhaphis infuscata Walker, 1868: 531 (syn. Schouteden, 1905c: 177). HT: Benin,
Whydah [= Ouidah]; BMNH.
Macrorhaphis spurcata Walker, 1868: 531 (syn. Schouteden, 1905c: 177). STS: South
Africa, Natal; BMNH.
Mecosoma spinosum Horváth, 1893: 258 (syn. Horváth, 1909a: 631). ST(S): ♀,
Mozambique, Quilimane; HNHM.
Macrorhaphis leprosa (non Germar, 1838): Distant, 1901g: 27. Misidentification (see
Schouteden, 1909: 65).
Distr. NA: CI? **EL:** Cape Verde Is., tropical Africa.
Ref.: Abasa & Mathenge, 1974 (biol.); Nuamah, 1982 (chrom.).
Note: The record from CI (Schmitz, 1976: 373) needs to be confirmed.

Genus *Martinina* Schouteden, 1907

Martinina Schouteden, 1907c: 49 (junior homonym of *Martinia* M'Coy, 1844, Brachiopoda).
Type species by monotypy: *Martinina inexpectata* Schouteden, 1907.
Martinina Schouteden, 1907e: 76. New name for *Martinia* Schouteden, 1907.
Incitatus Distant, 1908a: 453 (syn. Thomas, 1994: 185). Type species by monotypy:
Incitatus primus Distant, 1908, India.
Ref.: Thomas, 1994 (tax.).

***Martinina inexpectata* (Schouteden, 1907)**

Martinina inexpectata Schouteden, 1907c: 50. HT: ♂, CH (SW), Sichuan, Mou-Pin
[= Baoxing]; MNHN.

Distr. AS: CH (SW).

Genus *Picromerus* Amyot & Serville, 1843

Picromerus Amyot & Serville, 1843: xx, 84. Type species by monotypy: *Cimex bidens* Linnaeus, 1758.

Ref.: Schouteden, 1907b (descr., key); Thomas, 1994 (descr., key).

***Picromerus bidens* (Linnaeus, 1758)**

Cimex bidens Linnaeus, 1758: 443. ST(S), EU; LSUK?

Cimex bilobus Schrank, 1781: 268 (syn. Schrank, 1782: 277). ST(S): AU; lost.

Picromerus fuscoannulatus Stål, 1858a: 176 (syn. Kerzhner, 1964a: 367). ST(S): ♀, RU (ES), Irkutsk; NHRS.

Picromerus longicollis Jakovlev, 1902a: 335 (syn. Kerzhner, 1964a: 367, with *fuscoannulatus*). LT (Derzhansky et al., 2002: 368): ♀, RU (FE), Vladivostok; ZMAS.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG. **AS:** AB AF AK AR AT CH (CE NE NO NW) GG KI KO MG RU (ES FE WS) TD UZ. **EL:** Canada, USA.

Ref.: Gidayatov, 1982 (biol.); Halászfy, 1958 (larva); Hinton, 1981 (egg); Mayné & Breny, 1940 (biol.); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg); Schumacher, 1910 (biol., larva).

***Picromerus brachypterus* Ahmad & Önder, 1990**

Picromerus brachypterus Ahmad & Önder, 1990b: 77. HT: ♀, AT, Kaçkar; EUIT.

Distr. AS: AT.

***Picromerus conformis* (Herrich-Schaeffer, 1841)**

Asopus conformis Herrich-Schaeffer, 1841: 72. ST(S): AT; lost.

Picromerus nigridentis (non Fabricius, 1803): Fieber, 1861: 349. Misidentification (see Lethierry & Severin, 1893: 215).

Distr. EU: AL AU BH BU CR ET FI GR HU IT MC MD RO SK SZ UK YU. **NA:** AG. **AS:** AB AT GG.

***Picromerus fasciaticeps* L.Y. Zheng & G.Q. Liu, 1987**

Picromerus fasciaticeps L.Y. Zheng & G.Q. Liu, 1987b: 181. HT: ♀, CH (SW), Yunnan, Dong-chuan County; Quarantine Institute, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

***Picromerus griseus* (Dallas, 1851)**

Canthecona grisea Dallas, 1851a: 92. ST(S): ♀, unknown localit; BMNH.

Picromerus obtusus Walker, 1867b: 133 (syn. Schouteden, 1907b: 25). HT: India, N Hindostan; BMNH.

Picromerus nigrivitta Walker, 1867b: 133 (syn. Distant, 1900c: 58, with *obtus*). HT: Bangladesh, Silhet [= Sylhet]; BMNH.

Picromerus sundanus Breddin, 1902: 96 (syn. Thomas, 1994: 192). LT (Gaedike, 1971: 100): Indonesia, Java, Sukabumi; DEIC.

Distr. AS: CH (SE SW WP). **EL:** Oriental Region.

Ref.: Zhang, 1985 (egg, larva).

***Picromerus lewisi* Scott, 1874**

Picromerus lewisi Scott, 1874: 293. STS: JA; BMNH.

Picromerus angusticeps Jakovlev, 1880a: 212 (syn. Josifov & Kerzhner, 1978: 180).

LT (Derzhansky et al., 2002: 365): ♂, RU (FE), Amur, Radde; ZMAS.

Picromerus vicinus Signoret, 1880a: 45 (syn. Josifov & Kerzhner, 1978: 180). ST(S): CH (NO), Beijing; NHMW.
Picromerus similis Distant, 1883: 421 (syn. Josifov & Kerzhner, 1978: 180). ST(S): JA, Hakodate; BMNH.
Distr. AS: AK CH (CE NE NO SE SW WP) JA KO RU (FE WS).
Ref.: Bu & L.Y. Zheng, 1997 (descr., fig.); Miyamoto & Hidaka, 1965 (descr., fig.); L.Y. Zheng, 1983a (tax.).

***Picromerus nigridentis* (Fabricius, 1803)**

Cimex nigridentis Fabricius, 1803: 156. ST(S): MO, Tanger; ZMUC.
Stiretrus maculicornis Mulsant & Rey, 1852: 76 (syn. Baerensprung, 1858a: 79). ST(S): FR; lost.
Distr. EU: AL CR ET FR GR IT PO SP SZ. **NA:** AG MO TU.
Ref.: Nuamah, 1982 (chrom.); Seabra, 1926a (descr., fig., key).

***Picromerus pseudobidentis* Ahmad & Önder, 1990**

Picromerus pseudobidentis Ahmad & Önder, 1990b: 81. HT: ♂, AT, Ürgüp; EUIT.
Distr. AS: AT.

***Picromerus viridipunctatus* Yang, 1935**

Picromerus viridipunctatus Yang, 1934e: 104. HT: ♀, CH (SW), Kouy-Tchéou [= Guizhou], Kouy-Yang [= Kweiyang]; MNHN?
Distr. AS: CH (CE SE SW).
Ref.: Bu & L.Y. Zheng, 1997 (descr., fig.); Lin et al., 1993 (distr.); Ren, 1992c (egg).

Genus *Pinthaeus* Stål, 1868

Pinthaeus Stål, 1868b: 497 (as subgenus of *Cimex*; upgraded by Stål, 1870a: 46). Type species by monotypy: *Cimex sanguinipes* Fabricius, 1781.
Ref.: Thomas, 1994 (descr., key).

***Pinthaeus humeralis* Horváth, 1911**

Pinthaeus humeralis Horváth, 1911b: 432. ST(S): ♀, CH (SW), Yunnan, Tali; HNHN.
Distr. AS: CH (CE NE NO SW WP) JA.
Ref.: Bu & L.Y. Zheng, 1997 (distr., fig.); Ren, 1992c (egg).

***Pinthaeus sanguinipes* (Fabricius, 1781)**

Cimex sanguinipes Fabricius, 1781: 344. ST(S): IT; ZMUC.
Asopus genei A. Costa, 1842b: 299 (syn. Baerensprung, 1860: 5). HT: IT, Astroni nr Naples; ZIUN.
Pentatoma rufipes (non Linnaeus, 1758): Kato, 1933: 5. Misidentification (see Kiritshenko, 1961: 444).
Distr. EU: AU BE BH BU CR CZ DE FR GE GR HU IT MD PL PO RO RU (CT ST) SK SL SP SZ UK. **AS:** AB AT CH (NE) GG IN IS JA KO RU (FE) SY.
Ref.: Miyamoto, 1959 (ovariole); Rieger, 2000 (biol., egg, larva).

Genus *Platynopus* Amyot & Serville, 1843

Platynopus Amyot & Serville, 1843: xx, 79. Type species by monotypy: *Platynopus varius* Amyot & Serville, 1843 (= *Aelia melanoleuca* Westwood, 1837).
Platypus Marshall, 1868: 281 (junior homonym of *Platypus* Herbst, 1793, Coleoptera). Unjustified emendation.
Ref.: Ruckes, 1963 (key); Schouteden, 1907b (descr., key); Thomas, 1994 (descr., key); Villiers, 1952a (descr.).

***Platynopus melanoleucus* (Westwood, 1837)**

Aelia melanoleuca Westwood, 1837: 33. ST(S): Indonesia, Java; OXUM.

Platynopus varius Amyot & Serville, 1843: 79 (syn. Dallas, 1851a: 87). ST(S): ♀, Indonesia, Java.

Platynopus polygraphus Walker, 1867b: 126 (syn. Distant, 1900c: 57). HT: Indonesia, Ceram [= Seram]; BMNH.

Distr. AS: TA. **EL:** SE Asia.

Ref.: Schouteden, 1907b (fig., tax.); Thomas, 1994 (distr.).

Genus *Rhacognathus* Fieber, 1860

Rhacognathus Fieber, 1860: 81. Type species by subsequent monotypy (Fieber, 1861: 347):

Cimex punctatus Linnaeus, 1758.

Ref.: Thomas, 1992, 1994 (descr., key).

***Rhacognathus callosus* Horváth, 1903**

Rhacognathus callosus Horváth, 1903b: 408. ST(S): ♀, RU (FE), Amur, Raddefka [= Radde]; HNHN.

Distr. AS: MG RU (FE).

Ref.: Josifov & Kerzhner, 1978 (key).

***Rhacognathus corniger* Hsiao & Cheng, 1977**

Rhacognathus corniger Hsiao & Cheng, 1977: 88, 297. HT: ♂, CH (NE), Heilongjiang, Harbin; NKUM.

Rhacognathus lamellifer Josifov & Kerzhner, 1978: 184 (syn. Kerzhner, 1988: 80). HT: ♂, CH (NE), Liaoning, 50 km N of Mukden [= Shenyang]; ZMAS.

Distr. AS: CH (NE NO) JA KO RU (FE).

Ref.: Kerzhner, 1988 (tax.); Thomas, 1994 (tax.).

***Rhacognathus punctatus* (Linnaeus, 1758)**

Cimex punctatus Linnaeus, 1758: 444. ST(S): EU; LSUK?

Cimex variegatus Goeze, 1778: 235 (junior primary homonym of *Cimex variegatus* Poda, 1761; syn. Reuter, 1888a: 149). For *Cimex* no. 65 in Geoffroy, 1762: 467. ST(S): FR, Paris; lost.

Cimex annularis Geoffroy in Fourcroy, 1785: 215. Objective synonym of *variegatus* Goeze, 1778.

Cimex? avenicola Gistel, 1857: 57 (syn. Kerzhner, 1993: 104). ST(S): GE; lost.

Rhacognathus distinctus Schouteden, 1907c: 36 (syn. Kerzhner, 1964a: 367). STS: ♂, ♀, MG (north), Selenga: MNHN.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE HU IR IT LA LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AK AT CH (NO) GG JA KI MG RU (ES FE WS).

Ref.: Butler, 1923 (biol.); Dupuis, 1949 (key, larva); Mayné & Breny, 1940 (biol.).

Genus *Troilus* Stål, 1868

Troilus Stål, 1868b: 498 (as subgenus of *Podisus*; upgraded by Stål, 1872c: 40). Type species by original designation: *Cimex luridus* Fabricius, 1775.

Ref.: Thomas, 1994 (descr., key).

***Troilus luridus* (Fabricius, 1775)**

Cimex luridus Fabricius, 1775: 701. ST(S): GB, England; BMNH.

Cimex serrulatus O.F. Müller, 1776: 105 (syn. Reuter, 1888a: 148). ST(S): DE; lost.

Cimex dentatus Schrank, 1781: 268 (syn. Schrank, 1782: 277). ST(S): AU; lost.
Cimex beryllinus Gmelin, 1790: 2148 (syn. Reuter, 1888a: 148). For *Cimex* no. 79 in Zschach, 1788: 118. ST(S): EU; lost.
Cimex elector Fabricius, 1794: 98 (syn. Stål, 1868a: 17). ST(S): unknown locality; ZMUC.
Cimex serratus Hahn, 1826: pl.3, caption and legend (syn. Reuter, 1888a: 148). ST(S): GE, Bavari.
Pentatoma subflurida Westwood, 1837: 41 (syn. Stål, 1863a: 502). ST(S): “India Orientalis”; OXUM.
Troilus luridus var. *angusta* Reuter, 1881c: 156. HT: SZ, Wallis; NHRS.
Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AR AT CH (NO SW WP) IN GG KO RU (ES FE WS). **EL:** Burma, India.
Ref.: Butler, 1923 (biol., egg, larva); Hinton, 1981 (egg); Mayné & Breny, 1940 (biol.); Nuamah, 1982 (chrom.); Parshad, 1957a (chrom.); Putshkova, 1961 (egg); Southwood & Leston, 1959 (biol., egg).

***Troilus testaceus* L.Y. Zheng & G.Q. Liu, 1987**

Troilus testaceus L.Y. Zheng & G.Q. Liu, 1987b: 182. HT: ♀, CH (SW), Yunnan, Lu-shui County, Liu-ku; Quarantine Institute, Kunming, Yunnan, CH.
Distr. AS: CH (SW WP).

Genus *Zicrona* Amyot & Serville, 1843

Zicrona Amyot & Serville, 1843: xx, 86. Type species by subsequent designation (Desmarest, 1849:352): *Cimex caeruleus* Linnaeus, 1758.

***Zicrona caerulea* (Linnaeus, 1758)**

Cimex caeruleus Linnaeus, 1758: 445. ST(S): EU; LSUK?
Cimex chalybeus Gmelin, 1790: 2148 (syn. Dolling et al., 1999: 129). For *Cimex* no. 78d in Zschach, 1788: 118. ST(S): EU; lost.
Pentatoma concinna Westwood, 1837: 39 (syn. Stål, 1870a: 37). ST(S): CH; OXUM.
Pentatoma violacea Westwood, 1837: 39 (syn. Stål, 1870a: 37). ST(S): India or Bangladesh, “Bengalia”; OXUM.
Zicrona illustris Amyot & Serville, 1843: 87 (syn. Dallas, 1851a: 108). STS: ♂, ♀, Indonesia, Java.
Zicrona cuprea Dallas, 1851a: 108 (syn. Uhler, 1872: 395). STS: ♂, ♀, Canada, Hudson’s Bay; BMNH.
Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG EG MO. **AS:** AB AF AK AR AT CH (CE NE NO NW SE SW) CY GG IN IQ IS JA JO KI KO MG RU (ES FE WS) SY TA TD TM UZ. **EL:** Americas, Oriental Region.
Ref.: Butler, 1923 (biol., egg, larva); Hinton, 1981 (egg); Kershaw & Kirkaldy, 1909 (egg, larva); Kobayashi, 1951 (egg, larva); Muramoto, 1973, 1982 (chrom.); Putshkova, 1961 (egg); Southwood & Leston, 1959 (egg, larva).

Subfamily PENTATOMINAE Leach, 1815

Extralimital tribes: Aeptini Stål, 1871, Australia, South Africa; Coquereliini Cachan, 1952, Madagascar; Degonetini Azim & Shafee, 1984, India; Diemeniini Kirkaldy, 1909, Australia; Memmiini Cachan, 1952, Madagascar; Nealeriini Cachan, 1952, Madagascar; Opsitomini Cachan, 1952, Madagascar; Procleticini Pennington, 1920, Western Hemisphere.

Tribe AELIINI Douglas & Scott, 1865

AELIINI Douglas & Scott, 1865: 14 (Aeliidae). Type genus: *Aelia* Fabricius, 1803.

Genus *Aelia* Fabricius, 1803

Aelia Fabricius, 1803: 188. Type species by subsequent designation (Brullé, 1836: 401): *Cimex acuminatus*: Linnaeus, 1758.

Ref.: Batzakis, 1974 (morph. Greek spp.); Brown, 1962a (tax.); Derzhansky & Péricart, 2005 (monogr.); Wagner, 1960b (monogr.).

Aelia acuminata (Linnaeus, 1758)

Cimex acuminatus Linnaeus, 1758: 446. ST(S): EU; LSUK?

Cimex rostratus De Geer, 1773: 271. Unnecessary new name for *acuminatus* Linnaeus, 1758.

Cimex tessarophthalmus Schrank, 1781: 277 (syn. Schrank, 1801: 78). ST(S): AU, Vienna; lost.

Aelia neglecta Dallas, 1851a: 223 (syn. Reuter, 1888a: 108). STS: ♂, ♀, FR and MR?; BMNH.

Aelia burmeisteri Küster, 1852: 393 (syn. Reuter, 1888a: 108). ST(S): SP, Carthagera.

Aelia pallida Küster, 1852: 394 (syn. Fieber, 1868: 466). STS: IT (Sicily) and CR (Dalmatia).

Aelia rostrata (non Boheman, 1852): Mulsant & Rey, 1866: 134. Misidentification (see Puton, 1869: 5).

Aelia turanica Horváth, 1895c: 221 (syn. Voegelé, 1968: 194). STS: ♂, ♀, “Turkestan” and UZ (Fergana); HNHM, MZHF.

Aelia punctiventris Horváth, 1911a: 100 (Derzhansky & Péricart, 2005: 250). STS: ♀, EG, Marg; USNM (1 ST).

Aelia acuminata var. *annulipes* Zangheri, 1934: 28. HT: IT, Campagna; MZRF.

Aelia acuminata f. *nigripes* Wagner, 1938b: 9. HT (see Aukema & Kerzhner, 2005: 70): ♂, GE, Mecklenburg, Neubrandenburg; ZMUH.

Aelia baluchistanensis Ahmad & Zaidi, 1988: 457 (syn. Derzhansky & Pluot-Sigwalt, 2006: 206). HT: ♂, Pakistan, Baluchistan, Kerani nr Quetta; Natural History Museum, University of Karachi, Pakistan.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA LS LT LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG EG MO MR TU. **AS:** AB AF AK AR AT CH (NW SW) CY GG IN IQ IS JO KI LE RU (ES WS) SY TD TM UZ. **EL:** Pakistan.

Ref.: Butler, 1923 (biol., egg); Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Polivanova, 1956 (biol., larva); Schachow, 1932 (chrom.).

Note: Kerzhner (1988) removed this species from the Kamchatka faunal list. The record from CI (Derzhansky & Péricart 2005: 253) has to be confirmed.

Aelia albobittata Fieber, 1868

Aelia albobittata Fieber, 1868: 475. ST(S): ♀, AT, Brussa [= Bursa]; NHMW.

Distr. EU: GR. **AS:** AT IQ SY.

Aelia alticola Kiritshenko, 1914

Aelia alticola Kiritshenko, 1914d: 181. LT (Derzhansky et al., 2002: 365): ♂, UZ, Samarkand, Aman-Kutan; ZMAS.

Aelia satunini Kiritshenko, 1918: 40. Nomen nudum.

Aelia satunini Kiritshenko, 1930: 452 (syn. Derzhansky & Péricart, 2005: 269). LT (Derzhansky et al., 2002: 370): ♂, AT, Kars Prov., Aralych [= Aralik]; ZMAS.

Distr. AS: AB AR AT IN IQ TD TM UZ.
Ref.: Voegelé, 1968 (fig.); Wagner, 1960b (fig., tax.).

***Aelia contorta* Kiritshenko, 1930**

Aelia contorta Kiritshenko, 1930: 455. LT (Derzhansky et al., 2002: 367): ♀, AK, plateau Ustyurt, Chegon; ZMAS.

Distr. AS: AK MG.

Ref.: Wagner, 1960b (tax.).

***Aelia cribrosa* Fieber, 1868**

Aelia cribrosa Fieber, 1868: 474. LT (Derzhansky & Pluot-Sigwalt, 2003: 78): ♀, SP, Escorial; MNHN.

Distr. EU: SP.

***Aelia fieberi* Scott, 1874**

Aelia fieberi Scott, 1874: 297. ST(S): ♀, JA; BMNH.

Aelia nasuta Wagner, 1960b: 171 (syn. Kerzhner, 1978: 54). HT (see Aukema & Kerzhner, 2005: 70): ♂, CH (NE), Heilongjiang, Harbin; ZMUH.

Distr. AS: CH (CE NE NO SW WP) JA KO RU (FE).

Ref.: China & Lodos, 1960 (fig., tax.); Goto, 1952 (egg, larva); Hsiao & Cheng, 1978 (*nasuta*; fig., key); Kobayashi, 1960a (egg, larva); Nuamah, 1982 (chrom.); Ren, 1992c (egg).

***Aelia frigida* Kiritshenko, 1930**

Aelia frigida Kiritshenko, 1930: 453. LT (Derzhansky et al., 2002: 368): ♂, RU (ES), Yakutia, Borulakh; ZMAS.

Distr. AS: RU (ES FE WS).

Ref.: Nazarov, 1984 (fossil in BY); Wagner, 1960b (fig., tax.).

***Aelia furcula* Fieber, 1868**

Aelia furcula Fieber, 1868: 472. LT (Derzhansky & Pluot-Sigwalt, 2003: 78): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; MNHN.

Aelia simillima Reuter, 1900c: 233 (syn. Horváth, 1903b: 405). STS: AK, Bekljarbek; MZHF.

Distr. EU: EK GR RU (CT: Samara Prov. ST) UK. **AS:** AB AF AK AR AT CH (NW) IN KI TD TM UZ.

***Aelia germari* Küster, 1852**

Aelia germari Küster, 1852: 391. STS: IT.

Aelia triticiperda Pomel, 1889: 576 (syn. Vidal, 1949: 144). ST(S): AG; MNHN?

Distr. EU: CR FR IT MC PO SP YU. **NA:** AG MO TU. **AS:** AT IS.

Note: The records from CI and MR (Derzhansky & Péricart 2005: 259) have to be confirmed.

***Aelia klugii* Hahn, 1833**

Aelia klugii Hahn, 1833a: 122. ST(S): GE; lost.

Aelia granum Jakovlev, 1903g: 1 (syn. Derzhansky & Péricart, 2005: 257). HT: ♀, KI, Alay Mts.; ZMAS.

Aelia demissa Kiritshenko, 1914d: 182 (syn. V.G. Putshkov, 1965: 208, with *granum*). LT (Derzhansky et al., 2002: 367): ♂, KI, Alexandrovski [= Kirgiz] Range, Chay-Sandyk Pass; ZMAS.

Aelia henschi angusta Stehlík, 1976: 135 (upgraded by Stehlík, 1985: 149; syn. Derzhansky & Péricart, 2005: 257). HT: ♀, CZ, South Moravia, Pavlovské kopce,

- Devin; MMBC.
- Aelia bifida* Hsiao & Cheng, 1977 :136 (junior primary homonym of *Aelia bifida* A. Costa, 1847; syn. Derzhansky & Pluot-Sigwalt, 2006: 206). LT (Hsiao & Cheng, 1978: 327, 328, as HT): ♂, CH (SW), Sichuan, Ruo-er-gai County, Da-za-shi; NKUM.
- Aelia klugi orientalis* Josifov, 1984: 47 (syn. Stehlik, 1985: 149, with *angusta*). HT: ♂, KO, Jangkangdo, Mupho, 90 km W of Mukden; ZISB.
- Aelia chinensis* Rider & Rolston, 1995: 846. New name for *bifida* Hsiao & Cheng, 1977.
- Distr. EU:** AL AU BE BU BY CR CZ DE EK EN FI FR GE GR HU IT LA LT MC MD NL PL RO RU (CT NT ST) SK SP SV SZ UK YU. **NA:** AG. **AS:** AB AK AT CH (NO SW) GG KI KO MG RU (ES FE WS) TD.
- Ref.:** Hinton, 1981 (egg); Putshkova, 1961 (egg).
- Note:** The records from CI and MR (Derzhansky & Péricart 2005: 259) have to be confirmed.
- Aelia melanota* Fieber, 1868**
- Aelia melanota* Fieber, 1868: 469. ST(S): ♂, AB, Karabagh; NHMW.
- Aelia obtusa* Fieber, 1868: 471 (syn. Reuter, 1881c: 164; Brown, 1962a: 134). ST(S): ♀, Transcaucasus; NHMW.
- Distr. EU:** RU (ST: Caucasus). **AS:** AB AF AK AR AT GG IN KI TD TM UZ.
- Aelia notata* Rey, 1887**
- Aelia cognata* var. *notata* Rey, 1887b: 1 (upgraded by Rey, 1888: 92). HT: ♂, FR, Var, Esterel Forest; MHNL.
- Distr. EU:** FR RU (ST: Caucasus) SP UK. **NA:** MO. **AS:** AT.
- Aelia rostrata* Boheman, 1852**
- Cimex acuminatus* (non Linnaeus, 1758): Panzer, 1796a: pl. 17 and legend. Misidentification (see Puton, 1869: 5).
- Aelia acuminata* (non Linnaeus, 1758): Hahn, 1833a: 120; Blanchard, 1840: 154; A. Costa, 1847: 26; Dallas, 1851a: 223; Küster, 1852: 392; Fieber, 1861: 351; Mulsant & Rey, 1866: 131. Misidentification (see Puton, 1886a: 10; Reuter, 1888a: 108).
- Aelia rostrata* Boheman, 1852: 50 (junior primary homonym of *Aelia rostrata* Fabricius, 1803; name conserved, see note). HT: ♀, SV, Gotland; NHRS.
- Aelia cognata* Fieber, 1868: 470 (syn. Derzhansky & Péricart, 2005: 273). LT (Derzhansky & Pluot-Sigwalt, 2003: 78): ♀, FR (south); MNHN.
- Aelia rostrata* var. *glebana* Ferrari, 1874: 126. ST(S): IT, Liguria; MCSN.
- Aelia syriaca* Horváth, 1903b: 403 (syn. Derzhansky & Péricart, 2005: 273). ST(S): ♂, AT, Akbes [= Ekbaz]; MNHN.
- Aelia eminealkanata* Lodos, 1959a: 798 (syn. Wagner, 1960b: 158, with *syriaca*). HT: AT, Urfa; BMNH.
- Aelia glebana* var. *confusa* Kirkaldy, 1909b: 78. New name for *acuminatus* sensu Panzer, 1796. STS: EU; lost.
- Aelia brunnea* Halászfy, 1955b: 367 (syn. Wagner, 1960b: 161). HT: ♂, HU, Soroksár, nr Budapest; HNHM.
- Distr. EU:** AL AU BH BU BY CR CZ DE ET FR GE GR HU IT LT MC MD PL PO RO RU (CT ST) SK SL SP SV UK YU. **NA:** AG LB MO TU. **AS:** AB AK AR AT CY GG IN IQ SY.
- Ref.:** Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Polivanova, 1956 (larva); Putshkova, 1961 (egg).

Note: Brown (1962b) made a plea to conserve *Aelia rostrata* Boheman, 1852, and to suppress *Aelia rostrata* Fabricius, 1803, and *Cimex rostratus* De Geer, 1773. *Aelia rostrata* Boheman, 1852, was placed on Official List of Species Names, and *Aelia rostrata* Fabricius, 1803, was rejected by Opinion 719 (1965).

***Aelia sibirica* Reuter, 1884**

Aelia sibirica Reuter, 1884b: 31. STS: ♀, RU (ES), Minusinsk; BMNH, MZHF.

Aelia henschi Montandon, 1886: 110 (syn. Lethierry & Severin, 1893: 137). LT

(Derzhansky & Pluot-Sigwalt, 2003: 78): ♂, IT, Gorice [Gorizia]; MGAB.

Aelia aspersa Jakovlev, 1903g: 2 (syn. Kiritshenko, 1922: 8). HT: ♀, CH (NW), Xinjiang, Bugas nr Hami; ZMAS.

Distr. EU: BU EK IT RU (CT: Samara Prov. ST) UK. AS: AK AT CH (NO NW WP) IN KI MG RU (ES WS).

***Aelia virgata* (Herrich-Schaeffer, 1841)**

Cimex virgatus Herrich-Schaeffer, 1841: 67. STS: AT and LE (as SY); ZMHB?

Distr. EU: BU ET GR MC UK. AS: AB AR AT IN IS LE SY.

Ref.: China & Lodos, 1960 (fig., tax.); Hinton, 1981 (egg); Putshkova, 1961 (egg); Wagner, 1960b (fig., tax.).

Note: Carapezza (1997) removed this species from the TU faunal list.

Genus *Aeliopsis* Bergevin, 1931

Aeliopsis Bergevin, 1931b: 77. Type species by monotypy: *Aeliopsis bucculata* Bergevin, 1931.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

Note: Superficially, this genus appears to be quite different from other Aeliini genera, but all known workers have treated it as a member of the Aeliini. Bergevin (1931) indicated that this genus had some affinities to the genus *Aelia*. Stichel (1961, 1962a) catalogued the genus between *Aelia* and *Neottiglossa*, both members of the Aeliini, and Carapezza (1997) listed this genus in the Aeliini.

***Aeliopsis bucculata* Bergevin, 1931**

Aeliopsis bucculata Bergevin, 1931b: 77. STS: ♂, ♀, AG (Adrar Amezzeroui) and TU (Sekkarasen); MNHN.

Distr. NA: AG TU.

Genus *Neottiglossa* W. Kirby, 1837

Neottiglossa W. Kirby, 1837: 276 (as subgenus of *Pentatoma*; upgraded by Stål, 1870a: 36). Type species by monotypy: *Pentatoma* (*Neottiglossa*) *trilineata* W. Kirby, 1837, Nearctic Region.

Aelioides Dohrn, 1860b: 101 (syn. Stål, 1872c: 18). Type species by monotypy: *Cydnius inflexus* Wolff, 1811 (= *Cimex pusillus* Gmelin, 1790).

Platysolen Fieber, 1860: 82 (syn. Fieber, 1861: 353, with *Aelioides*). Type species by subsequent designation (Kirkaldy, 1909b: xxx): *Platysolen griseus* Fieber, 1861 (= *Pentatoma flavomarginata* Lucas, 1849).

Extralimital subgenus: *Texas* Kirkaldy, 1904, Nearctic Region.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Neottiglossa bifida* (A. Costa, 1847)**

Aelia bifida A. Costa, 1847: 27. LT (Carapezza et al., 1995: 291): ♂, IT, Persano; ZIUN.

Distr. EU: AL BH BU CR FR GR IT MC PO RO SP YU. **NA:** AG MO TU. **AS:** AT IN IQ IS SY.

Ref.: Halászfy, 1958 (larva).

Note: Kondorosy (1999) removed this species from the HU faunal list.

***Neottiglossa flavomarginata* (Lucas, 1849)**

Pentatoma flavomarginata Lucas, 1849: 89. ST(S): AG, Oran; MNHN?

Platysolen griseus Fieber, 1861: 353 (syn. Mulsant & Rey, 1866: 143). STS: ♀, IT and FR; MNHN.

Aelioides albomarginata: Mulsant & Rey, 1866: 143. Error for *flavomarginata*.

Distr. EU: BH BU FR GR IT MC PO RO SP YU. **NA:** AG MO TU. **AS:** AT.

***Neottiglossa leporina* (Herrich-Schaeffer, 1830)**

Pentatoma leporinum Herrich-Schaeffer, 1830b: legend to pl. 7. STS: GE (incl. Regensburg); ZMHB?

Neottiglossa calva Jakovlev, 1903a: 319 (syn. Kerzhner, 1964a: 366). HT: ♂, RU (ES), Irkutsk; ZMAS.

Neottiglossa leporina valenciana Wagner, 1960c: 57 (syn. Derzhansky, 2003: 116).

HT (see Aukema & Kerzhner, 2005: 70): ♂, SP, Albufera nr Valencia; ZMUH.

Neottiglossa irana Wagner, 1963b: 559 (syn. Derzhansky, 2003: 116). HT: ♂, IN, Astrabad [= Gorgan]; NHMW.

Distr. EU: AU BE BH BU BY CR CZ EK FR GE GR HU IT LS LU MC MD PL PO RO RU (CT ST) SK SL SP SZ UK YU. **AS:** AB AF AK AR AT CH (NE NO NW) GG IN KI KO MG RU (ES FE WS) TD UZ.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Josifov, 1981 (fig.); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg).

***Neottiglossa lineolata* (Mulsant & Rey, 1852)**

Pentatoma lineolata Mulsant & Rey, 1852: 84. LT (Derzhansky & Pluot-Sigwalt, 2003: 78): ♂, FR, Cluny, nr Lyon; MNHN.

Neottiglossa compta Jakovlev, 1903h: 329 (syn. Horváth, 1903a: 555). LT (Derzhansky et al., 2002: 367): ♀, UK, Simferopol; ZMAS.

Neottiglossa cephalotes Jakovlev, 1903h: 330 (syn. Kiritshenko, 1951b: 337). LT (Derzhansky et al., 2002: 366): ♂, UK, Crimea, Fridental [= Krasnogorskoe]; ZMAS.

Neottiglossa angulata Stichel, 1961: 558 (syn. Wagner, 1963b: 562). STS: GE, Rheinland; ZMHB?

Distr. EU: BH BU FR GE HU IT PO RO RU (ST: Caucasus) SP SZ UK YU. **NA:** TU. **AS:** AB GG.

***Neottiglossa metallica* Jakovlev, 1876**

Aelia bronza Motschulsky, 1860a: 502. Nomen nudum.

Neottiglossa metallica Jakovlev, 1876b: 88. HT: ♂, RU (FE), Ussuri R.; ZMAS.

Distr. AS: MG RU (ES FE).

Ref.: Kerzhner, 1964a (descr.).

***Neottiglossa pusilla* (Gmelin, 1790)**

Cimex griseus nigro-punctatus De Geer, 1773: 270 (unavailable trinomen).

Cimex pusillus Gmelin, 1790: 2160. For *griseus nigropunctatus* De Geer, 1773. ST(S): EU.

Cimex perlatus (non Fabricius, 1794): Panzer, 1796b: pl. 24 and legend; Fallén, 1807: 50; 1829: 32. Misidentification (see Mulsant & Rey, 1866: 146).

Cydnus inflexus Wolff, 1811: 183 (syn. Fieber, 1861: 354, with *perlatus* sensu Fallén, 1829). ST(S): EU; lost.

Platysolen obscurus J. Sahlberg, 1870: 281 (syn. Reuter, 1900c: 233). STS: ♀, RU (NT), Karelia, Parantava nr river Vyg and Kandalaksha; MZHF.

Aelia panzeri Krynicki in Ivanov & Chernay, 1871: 75 (syn. Jaroshevski, 1874: 88, with *inflexus*). ST(S): UK, Kharkov; UCCU.

Neottiglossa seorsa Jakovlev, 1903h: 327 (syn. Bianchi & Kiritshenko, 1923: 246). HT: ♀, RU (CT), Moscow, Sokol'niki Park; ZMAS.

Neottiglossa nigella Jakovlev, 1903h: 328 (syn. Kiritshenko, 1951b: 337). LT (Derzhansky et al., 2002: 369): ♀, RU (ES), Yakutsk; ZMAS.

Distr. EU: AU BE BU BY CR CZ DE EN FI FR GB GE HU IT LA LT LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AR AT CH (NO NW) GG KI KO MG RU (ES FE WS) TD.

Ref.: Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg).

Tribe AESCHROCORINI Distant, 1902

AESCHROCORINI Distant, 1902a: 160 (Aeschrocoraria). Type genus: *Aeschrocoris* Bergroth, 1887.

Genus *Aeschrocoris* Bergroth, 1887

Aeschrus Dallas, 1851a: 220 (junior homonym of *Aeschrus* Spinola, 1850, another genus of Aeschrocorini). Type species by monotypy: *Aeschrus obscurus* Dallas, 1851.

Aeschrocoris Bergroth, 1887: 152. New name for *Aeschrus* Dallas, 1851.

Sacontala Distant, 1921: 42 (syn. Leston, 1955b: 703). Type species by monotypy: *Sacontala rugulosa* Distant, 1921, Vietnam.

Aeschrocoris ceylonicus Distant, 1899

Aeschrocoris ceylonicus Distant, 1899b: 439. HT: Ceylon [= Sri Lanka]; BMNH.

Distr. AS: CH (CE SE SW) TA. **EL:** Sri Lanka.

Aeschrocoris obscurus (Dallas, 1851)

Aeschrus obscurus Dallas, 1851a: 221. ST(S): ♂, Indonesia, Java; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Aeschrocoris tuberculatus (Stål, 1865)

Aeschrus tuberculatus Stål, 1865b: 169. ST(S): ♂, India; BMNH.

Distr. AS: CH (CE SE). **EL:** Burma, India.

Tribe AGAEINI Cachan, 1952

AGAEINI Cachan, 1952: 395 (Agaearia). Type genus: *Agaeus* Dallas, 1851.

Genus *Agaeus* Dallas, 1851

Agaeus Dallas, 1851a: 152, 185. Type species by subsequent designation (Distant, 1902a: 120): *Agaeus tessellatus* Dallas, 1851.

Ref.: Distant, 1902a (descr., key); Linnavuori, 1982b (descr., key); Oshanin, 1922b (key).

Agaeus longirostris Lin & Zhang, 1984

Agaeus longirostris Lin & Zhang, 1984: 267. HT: ♀, CH (SW), Yunnan, Maguan; IZAS.

Distr. AS: CH (SW).

***Agaeus mimus* Distant, 1887**

Agaeus mimus Distant, 1887: 347. ST(S): India, Assam; NZSI.

Distr. AS: CH (CE SW). **EL:** Oriental Region.

Ref. Xiong, 1985 (distr.).

***Agaeus tessellatus* Dallas, 1851**

Agaeus tessellatus Dallas, 1851a: 186. ST(S): ♀, India; BMNH.

Distr. AS: CH (SE). **EL:** Burma, India.

Tribe AGONOSCELIDINI Atkinson, 1888

AGONOSCELIDINI Atkinson, 1888b: 16 (Agonosceliaria). Type genus: *Agonoscelis* Spinola, 1837.

Genus *Agonoscelis* Spinola, 1837

Agonoscelis Spinola, 1837: 327. Type species by monotypy: *Agonoscelis indica* Spinola, 1837 (= *Cimex nubilus* Fabricius, 1775).

Nevrosia Amyot & Serville, 1843: xxiii, 109 (syn. Dallas, 1851a: 179). Type species by subsequent designation (Kirkaldy, 1903b: 231): *Pentatoma grata* Palisot de Beauvois, 1811 (= *Cimex nubilus* Fabricius, 1775).

Ref.: Distant, 1902a (descr., key); Villiers, 1952a (descr.).

***Agonoscelis antennata* Distant, 1911**

Agonoscelis antennata Distant, 1911b: 343. STS: KO, Quelpart [= Cheju] Is.; BMNH.

Distr. AS: KO.

***Agonoscelis arabica* Linnavuori, 1975**

Agonoscelis arabica Linnavuori, 1973b: 36. Nomen nudum.

Agonoscelis arabica Linnavuori, 1975: 92. HT: ♂, YE, Lahej-Dhala road; AMNH.

Distr. AS: IS SA SI YE.

***Agonoscelis femoralis* Walker, 1868**

Agonoscelis femoralis Walker, 1868: 545. STS: India (Hindostan, N Hindostan) and Indonesia (Banda); BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Agonoscelis nubilus* (Fabricius, 1775)**

Cimex nubilus Fabricius, 1775: 712. STS: South Africa [in error]; BMNH, ZMUC.

Pentatoma grata Palisot de Beauvois, 1811: 129 (syn. Stål, 1876: 85). ST(S): Saint-Domingue [= Haiti; in error].

Aelia crucifera Westwood, 1837: 8 (syn. Westwood, 1837: 32). Nomen nudum.

Agonoscelis indica Spinola, 1837: 329 (syn. Dallas, 1851a: 180). STS: ♂, ♀, India, Bombay; MRSN.

Nevrosia sulciventris Ellenrieder, 1862: 144 (syn. Stål, 1876: 85). ST(S): Indonesia, Sumatra, Lahat.

Distr. AS: CH (CE SE SW WP) JA TA. **EL:** Oriental Region.

Ref.: Nuamah, 1982 (chrom.).

***Agonoscelis puberula* Stål, 1854**

Agonoscelis puberula Stål, 1854b: 216. STS: ♂, South Africa, Natal ("in terra Natalensi"); NHRS.

Agonoscelis brevicornis Jensen-Haarup, 1920: 216 (syn. Linnavuori, 1975: 91). STS: ♀, Eritrea; ZMUC.

Distr. AS: YE. **EL:** tropical Africa.

Tribe AMYNTORINI Distant, 1902

AMYNTORINI Distant, 1902a: 142 (Amyntaria). Type genus: *Amyntor* Stål, 1868 (= *Bolaca* Walker, 1867)

Genus *Belopis* Distant, 1879

Belopis Distant, 1879a: 45, 49. Type species by monotypy: *Belopis unicolor* Distant, 1879.

Ref.: Chen & Yang, 1987 (descr.); Distant, 1902a (descr., key).

Belopis unicolor Distant, 1879

Belopis unicolor Distant, 1879a: 50. ST(S): India, Khasia Hills; BMNH.

Distr. AS: CH (SE SW). **EL:** Burma, India.

Genus *Bolaca* Walker, 1867

Bolaca Walker, 1867a: 251. Type species by monotypy: *Bolaca unicolor* Walker, 1867.

Amyntor Stål, 1868b: 519 (syn. Distant, 1900d: 425). Type species by original designation:

Halys obscura Dallas, 1849 (= *Bolaca unicolor* Walker, 1867).

Oestopis Distant, 1879a: 48 (syn. Lethierry & Severin, 1893: 183). Type species by monotypy: *Oestopis terra* Distant, 1879 (= *Bolaca unicolor* Walker, 1867).

Ref.: Distant, 1902a (descr., key); Xu & L.Y. Zheng, 1993 (*Amyntor*, tax.).

Bolaca unicolor Walker, 1867

Halys (Dichelops) obscura Dallas, 1849: 188 (junior primary homonym of *Halys obscura* Westwood, 1837). STS: ♂, ♀, Bhutan; BMNH.

Bolaca unicolor Walker, 1867a: 251 (syn. Distant, 1902a: 144). HT: India, N Hindostan; BMNH.

Oestopis terra Distant, 1879a: 49 (syn. Distant, 1900d: 425, with *unicolor*). ST(S): India, Khasia Hills; BMNH.

Distr. AS: CH (CE NO SE SW). **EL:** Bhutan, India.

Ref.: Ren, 1992c (*Amyntor obscurus*; egg); Rider & Rolston, 1995 (*Amyntor*, tax.); Xu & L.Y. Zheng, 1993 (*Amyntor obscurus*; tax.).

Genus *Halyabbas* Distant, 1900

Halyabbas Distant, 1900e: 164. Type species by monotypy: *Halyabbas unicolor* Distant, 1900.

Halyabbas unicolor Distant, 1900

Halyabbas unicolor Distant, 1900e: 164. STS: Indonesia (Lombok) and Thailand; BMNH.

Distr. AS: CH (SE SW) TA. **EL:** tropical Asia.

Ref.: Hasegawa, 1962 (fig., distr.); L.Y. Zheng, 1994 (host).

Tribe ANTESTIINI Distant, 1902

HYLLINI Atkinson, 1888a: 121 (Hyllaria; based upon a preoccupied generic name).

Type genus: *Hyllus* Stål, 1868 (= *Anaca* Bergroth, 1891).

PLAUTIINI Atkinson, 1888a: 123 (Plautiaria). Type genus: *Plautia* Stål, 1865.

ANTESTIINI Distant, 1902a: 180 (Antestiaria). Type genus: *Antestia* Stål, 1865.

Note: The priority of the tribal name Antestiini is threatened by Atkinson's 1888 usage of Plautiaria. The taxonomic position of the type genus, *Plautia*, has been the object of some speculation. Gross (1976) included this genus with other "green" pentatomid genera in his *Pentatoma* group (but his *Pentatoma* group was essentially the same as other workers' concepts of the Nezarini). Linnavuori (1982b) included *Plautia* in his

Antestia group of genera. Antestiini has been used for this group by all modern workers, and until the taxonomic placement of the genus *Plautia* is unequivocally determined, I have decided to take the conservative position and continue to use Antestiini.

Genus *Anaca* Bergroth, 1891

Hyllus Stål, 1868b: 513 (junior homonym of *Hyllus* Koch, 1846, Arachnida). Type species by subsequent monotypy (Haglund, 1868: 160): *Hyllus aeruginosus* Haglund, 1868 (= *Mormidea florens* Walker, 1867).

Anaca Bergroth, 1891: 214. New name for *Hyllus* Stål, 1868.

Ref.: Distant, 1902a (descr., key).

Anaca fasciata (Distant, 1900)

Hyllus fasciatus Distant, 1900f: 394. ST(S): Ceylon [= Sri Lanka]; BMNH.

Distr. AS: CH (CE SE SW). **EL:** India, Sri Lanka.

Anaca florens (Walker, 1867)

Mormidea florens Walker, 1867a: 263. STS: Birmah [= Burma], Indonesia (Sumatra), Malaysia (Malacca [= Melaka]) and Siam [= Thailand]; BMNH.

Hyllus aeruginosus Haglund, 1868: 160 (syn. Stål, 1876: 92). ST(S): ♂, Siam [= Thailand]; NHRS.

Distr. AS: CH (SE). **EL:** Oriental Region.

Anaca punctiventris Breddin, 1904

Anaca punctiventris Breddin, 1904b: 10. HT: ♀, Tonkin [= Vietnam], Mauson Mts; DEIC.

Distr. AS: CH? **EL:** Vietnam.

Note: The record from CH needs confirmation (Rider & Zheng, 2002).

Genus *Antestia* Stål, 1865

Antestia Stål, 1865c: 200. Type species by subsequent designation (Distant, 1902a: 183): *Pentatoma maculata* Dallas, 1851, southern Africa.

Farnya Schouteden, 1910: 81 (as subgenus of *Halyomorpha*; upgraded by Jeannel, 1913: 62; syn. Linnavuori, 1973b: 46). Type species by subsequent designation (Jeannel, 1913: 62): *Halyomorpha versicolor* Distant, 1881.

Ref.: Distant, 1902a (descr., key).

Note: Most worker's concept of this genus has been much broader than presented here. Linnavuori (1975, 1982b) developed a generic framework for the African species in this tribe. If his generic concepts are accurate, many of the Oriental “*Antestia*” species actually belong in several other genera: *Antestiopsis*, *Otantestia*, etc. I have placed the various species in genera according to Linnavuori's views.

Antestia rikatlensis (Schouteden, 1910)

Halyomorpha (*Farnya*) *rikatlensis* Schouteden, 1910: 81. LT (Linnavuori, 1973c: 48, as “type”): ♂, Mozambique, E of Rikatla; MRAC.

Distr. AS: SA. **EL:** tropical Africa.

Ref.: Linnavuori, 1973c (distr., *Antestia*).

Antestia versicolor (Distant, 1881)

Halyomorpha versicolor Distant, 1881b: 271. STS: ♂, ♀, Nyassa; BMNH.

Distr. AS: IN YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1973c, 1982b (descr., fig., key).

Note: Linnavuori (1973c) indicated that this species has been confused with others, and that the only specimens he was sure that belonged to this species were the types from Nyassa, so this species may be much more limited in distribution than previously thought.

Genus *Antestiopsis* Leston, 1952

Antestiopsis Leston, 1952b: 269. Type species by original designation: *Cimex anchora* Thunberg, 1783.

Ref.: Ahmad et al., 1974 (key); Linnavuori, 1975, 1982b (key).

***Antestiopsis anchora* (Thunberg, 1783)**

Cimex anchora Thunberg, 1783: 47. STS: CH and JA; UZIU.

Strachia pardalis Walker, 1867a: 330 (syn. Distant, 1900f: 395). STS: CH (SE: Hong Kong), India (Hindustan), Thailand and Indonesia (Buru); BMNH.

Strachia platyspila Walker, 1867a: 336 (syn. Distant, 1900f: 395). HT: Malaysia, Penang; BMNH.

Distr. AS: CH (SE SW WP) JA. **EL:** Oriental Region.

Ref.: Miller, 1934 (egg).

***Antestiopsis cruciata* (Fabricius, 1775)**

Cimex cruciatus Fabricius, 1775: 714. STS: India; ZMUC.

Pentatoma pantherina Westwood, 1837: 34 (syn. Distant, 1901h: 814). ST(S): USA, "Georgia Americae" [in error]; OXUM.

Strachia geometrica Nietner, 1861: 8; Motschulsky, 1863: 75 (syn. W.F. Kirby, 1892: 85). LT (Kerzhner & Jansson, 1985: 43): ♀, Ceylon [= Sri Lanka]; ZMUM.

Strachia velata Walker, 1867a: 329 (syn. W.F. Kirby, 1892: 85). STS, India, N Hindostan; BMNH.

Strachia subacta Walker, 1867a: 329 (syn. W.F. Kirby, 1892: 85). HT: Ceylon [= Sri Lanka]; BMNH.

Plautia picturata Distant, 1918: 136 (syn. China, 1929: 16). STS: India, Bombay, Matheran; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Nuamah, 1982 (chrom.).

***Antestiopsis intricata* (Ghesquière & Carayon, 1948)**

Antestia intricata Ghesquière & Carayon, 1948: 58. STS: ♂, ♀, Congo; MRAC.

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1989 (distr.).

Genus *Dryadocoris* Kirkaldy, 1909

Dryadocoris Kirkaldy, 1909b: 47. For *Holcostethus* sensu Stål, 1872. Type species by original designation: *Pentatoma analis* A. Costa, 1847 (= *Cimex apicalis* Herrich-Schaeffer, 1842).

***Dryadocoris apicalis* (Herrich-Schaeffer, 1842)**

Cimex apicalis Herrich-Schaeffer, 1842: 95. ST(S): "Cap" [= South Africa]; lost.

Pentatoma (*Pentatoma*) *analis* A. Costa, 1847: 23 (syn. Linnavuori, 1975: 86). LT (Carapezza et al., 1995: 291): ♀, IT; ZIUN.

Pentatoma inquinata Stål, 1854b: 218 (syn. Stål, 1865c: 166). ST(S): South Africa, "Caffraria, Rondebosch"; NHRS.

Pentatoma bipunctipes Signoret in Fairmaire & Signoret, 1858: 282 (syn. Stål, 1865c: 166). LT (Linnavuori, 1975: 86): ♂, Old Calabar [= Nigeria]; NHRS.

Holcostethus jani Fieber, 1861: 334 (syn. Puton, 1874b: 225). LT (Linnavuori, 1975: 86): ♀, IT, Sicily; NHRS.
Pentatoma heterocera Walker, 1867a: 297 (syn. Linnavuori, 1975: 86). HT: South Africa, Natal; BMNH.
Pentatoma confinis Walker, 1867a: 298 (syn. Distant, 1898: 316). HT: Cape [= South Africa]; BMNH.
Holcostethus obscuratus Distant, 1892a: 249 (syn. Distant, 1898: 296, with *heterocera*). ST(S): South Africa, Transvaal; BMNH.
Distr. EU: FR IT PO SP. **NA:** AG CI MO. **AS:** SY YE. **EL:** tropical Africa.
Ref.: Linnavuori, 1982b (fig., tax.).

Genus *Otantestia* Breddin, 1900

Otantestia Breddin, 1900c: 324. Type species by subsequent designation (Kirkaldy, 1909b: 130): *Pentatoma pulchra* Dallas, 1851 (= *Strachia heterospila* Walker, 1867).
Ref.: Bergroth, 1922 (tax.).
Note: Stichel (1961: 764) listed this genus as a junior synonym of *Antestia*, but Bergroth (1922) is followed here in recognizing this as a valid genus.

Otantestia heterospila (Walker, 1867)

Pentatoma pulchra Dallas, 1851a: 253 (junior primary homonym of *Pentatoma pulchra* Westwood, 1837; syn. Distant, 1900f: 395). ST(S): ♀, India; BMNH.
Strachia heterospila Walker, 1867a: 331. HT: Siam [= Thailand]; BMNH.
Distr. AS: CH (SE SW). **EL:** Oriental Region.

Otantestia modificata (Distant, 1887)

Antestia modificata Distant, 1887: 350. STS: India, Sikkim; BMNH.
Distr. AS: CH (SW). **EL:** Oriental Region.

Genus *Plautia* Stål, 1865

Plautia Stål, 1865c: 191. Type species by subsequent designation (Distant, 1902a: 180): *Cimex fimbriatus* Fabricius, 1787 (= *Pentatoma crossota* Dallas, 1851).
Ref.: Distant, 1902a (descr., key); Hasan, 1993 (tax.); Lin & Zhang, 1993a (key).

Plautia brunnipennis (Montrouzier, 1861)

Pentatoma brunnipennis Montrouzier, 1861: 63. ST(S): New Caledonia, Lifu Is.; ISNB.
Pentatoma prasina Tryon, 1892: 16 (syn. Cassis & Gross, 2002: 458). STS: New Guinea, Laloki River, BMNH.
Distr. AS: JA. **EL:** Australia, Oceania.
Ref.: Jensen-Haarup, 1928 (key); Muramoto, 1979, 1982 (chrom.).

Plautia crossota (Dallas, 1851)

Cimex fimbriatus Fabricius, 1787: 295 (junior primary homonym of *Cimex fimbriatus* Thunberg, 1783). STS: CH; ZMUC.
Pentatoma fimbriata Westwood, 1837: 39 (on p. 9, Westwood gives credit to Fabricius for this name, but on p. 39 he appears to describe this as a new species). ST(S): India or Bangladesh, Bengalia; OXUM.
Pentatoma fimbriolatum Herrich-Schaeffer, 1844: 102 (junior primary homonym of *Pentatoma fimbriolata* Germar, 1838). New name for *fimbriatus* Fabricius, 1787.
Pentatoma crossota Dallas, 1851a: 252 (syn. Stål, 1876: 92). STS: ♂, ♀, India (N Bengal) and “?Philippines”; BMNH.
Rhaphigaster rufoviridis Walker, 1867a: 364 (syn. Distant, 1900f: 394). HT: Gambia;

BMNH.

Nezara rubripennis Jakovlev, 1890: 544 (syn. Kiritshenko, 1912b: 204). HT: CH (SW), Sichuan, Shuijingbao [region between Songpan and Pinwu]; ZMAS.

Plautia elegans Linnavuori, 1975: 114 (syn. Roche, 1979: 602). HT: ♀, Sudan, Blue Nile, Ingessana; AMNH.

Distr. AS: AF CH (CE NO SE SW WP) JA YE. **EL:** Gambia to Sudan, Madagascar, Oriental Region.

Ref.: Nuamah, 1982 (*fimbriata*; chrom.); Ren, 1992c (*fimbriata*; egg).

***Plautia cyanoviridis* Ruckes, 1963**

Plautia cyanoviridis Ruckes, 1963: 353. HT: ♂, JA, Bonin Is, Chichi Jima; USNM.

Distr. AS: JA (Bonin Is).

***Plautia flavifusca* Q.A. Liu & L.Y. Zheng, 1994**

Plautia viridicollis (non Westwood, 1837): Hsiao & Cheng, 1977: 154.

Misidentification (see Q.A. Liu & L.Y. Zheng, 1994b: 242).

Plautia flavifusca Q.A. Liu & L.Y. Zheng, 1994b: 242. HT: ♂, CH (SE), Guangdong, Mei-xian County; NKUM.

Distr. AS: CH (SE WP).

***Plautia lushanica lushanica* Yang, 1934**

Plautia lushanica Yang, 1934c: 120. HT: ♀, CH (CE), Jiangxi, Lushan; lost.

Distr. AS: CH (CE NO SE SW).

***Plautia lushanica yunnanensis* Q.A. Liu & L.Y. Zheng, 1994**

Plautia lushanica yunnanensis Q.A. Liu & L.Y. Zheng, 1994b: 240. HT: ♂, CH (SW), Yunnan, Kunming; NKUM.

Distr. AS: CH (SW).

***Plautia propinqua* Q.A. Liu & L.Y. Zheng, 1994**

Plautia propinqua Q.A. Liu & L.Y. Zheng, 1994b: 238. HT: ♂, CH (CE), Hubei, Ba-dong County; NKUM.

Distr. AS: CH (CE NO SW).

***Plautia sordida* Xiong & Q.A. Liu, 1996**

Plautia sordida Xiong & Q.A. Liu, 1996: 371. HT: ♂, CH (SW), Yunnan, Meng-lun; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

***Plautia splendens* Distant, 1900**

Plautia splendens Distant, 1900e: 171. ST(S): JA; BMNH.

Distr. AS: CH (SE) JA.

Ref.: Kobayashi, 1965b (egg, larva).

***Plautia stali* Scott, 1874**

Plautia stali Scott, 1874: 299. STS: ♂, ♀, JA; BMNH.

Nezara amurensis Reuter in Autran & Reuter, 1888: 200 (syn. Kiritshenko, 1961: 443). HT: ♀, RU (FE), Amur Basin ("Amuria"); MZHF.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE). **EL:** Hawaii.

Ref.: Kobayashi, 1956, 1994 (egg, larva); Muramoto, 1973, 1982 (chrom.).

Genus *Socantestia* Ribes & Schmitz, 1992

Socantestia Ribes & Schmitz, 1992: 144. Type species by original designation:

Brachynema balfouri Distant, 1903.

***Socantestia balfouri* (Distant, 1903)**

Brachynema balfouri Distant, 1903b: 479. ST(S): YE, Socotra; BMNH.

Distr. AS: YE.

Ref.: Ribes & Schmitz, 1992 (fig., tax.)

Genus *Starioides* Matsumura, 1913

Starioides Matsumura, 1913: 115. Type species by original designation: *Starioides iwasakii* Matsumura, 1913.

***Starioides iwasakii* Matsumura, 1913**

Starioides iwasakii Matsumura, 1913: 116. ST(S): ♀, JA, Ryukyus, Yaeyama Is; EIHU.

Distr. AS: JA (Ryukyus).

Tribe AXIAGASTINI Atkinson, 1888

AXIAGASTINI Atkinson, 1888a: 126 (Axiagastaria). Type genus: *Axiagastus* Dallas, 1851.

Genus *Acesines* Stål, 1876

Acesines Stål, 1876: 94. Type species by monotypy: *Acesines breviceps* Stål, 1876, India, Thailand.

Ref.: Distant, 1902a (descr., key).

Note: Stål (1876) originally included this genus in his grouping “*Axiagastus* et affinia”; he was followed in doing so by Atkinson (1888a) who formally named the tribe. Distant (1902a) placed this genus in the Menidaria (= Menidini), but he did not recognize the Axiagastini as a valid tribe. Both Lethierry & Severin (1893) and Kirkaldy (1909b) catalogued this genus between *Critheus* (currently a member of the Rolstoniellini) and *Flaminia* (currently a member of the Eurysaspidini). Due to this confusion, I have elected to retain *Acesines* in the Axiagastini until its tribal placement can be further studied.

***Acesines laticeps* L.Y. Zheng & G.Q. Liu, 1987**

Acesines laticeps L.Y. Zheng & G.Q. Liu, 1987b: 187. HT: ♂, CH (SW), Yunnan, Meng-la County; NKUM.

Distr. AS: CH (SW).

***Acesines tridentatus* Xiong & Q.A. Liu, 1995**

Acesines tridentatus Xiong & Q.A. Liu, 1995: 264. HT: ♂, CH (SW), Yunnan, Teng-chong County; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

***Acesines trifasciatus* Xiong & Q.A. Liu, 1995**

Acesines trifasciatus Xiong & Q.A. Liu, 1995: 263. HT: ♂, CH (SW), Yunnan, Meng-zhe; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

Genus *Axiagastus* Dallas, 1851

Axiagastus Dallas, 1851a: 221. Type species by monotypy: *Axiagastus rosmarus* Dallas, 1851.

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key).

Note: Both Stål (1876) and Atkinson (1888a) recognized a group of 5 genera they believed to be related; Stål called it “*Axiagastus* et affinia”; Atkinson gave it a formal

name, *Axiagastaria*. Both Lethierry & Severin (1893) and Kirkaldy (1909b) catalogued this genus within the same group of genera. Distant (1902a) did not recognize the *Axiagastini* as a valid group; he included *Axiagastus* within the tribe Hoplistoderini. Gross (1976) indicated that it might actually belong in the Antestiini. I have decided to treat it in its own tribe until further study can accurately clarify its tribal position.

***Axiagastus mitescens* Distant, 1901**

Axiagastus mitescens Distant, 1901e: 586. STS: CH (SE), Hainan; BMNH.

Distr. AS: CH (SE). **EL:** Burma, Philippines, Thailand.

***Axiagastus rosmarus* Dallas, 1851**

Axiagastus rosmarus Dallas, 1851a: 222. ST(S): ♂, Philippines; BMNH.

Distr. AS: CH (CE SE) JA (Ryukyus) TA. **EL:** Oriental Region.

Tribe BATHYCOELIINI Atkinson, 1888

BATHYCOELIINI Atkinson, 1888a: 145 (Bathypoeliaria). Type genus: *Bathypoelia* Amyot & Serville, 1843.

Genus *Bathypoelia* Amyot & Serville, 1843

Bathypoelia Amyot & Serville, 1843: xxiii, 110. Type species by monotypy: *Pentatoma buonopozensis* Palisot de Beauvois, 1807, Africa.

Gastraulax Herrich-Schaeffer, 1844: 61 (syn. Herrich-Schaeffer, 1851: 326; Bergroth, 1891: 211, confirmed). Type species by subsequent designation (Bergroth, 1891: 211): *Gastraulax torquatus* Herrich-Schaeffer, 1844, Philippines.

Jurtina Stål, 1868b: 517 (syn. Bergroth, 1913b: 230). Type species by original designation: *Bathypoelia longirostris* Montrouzier, 1861, Art Is., New Caledonia.

Ref.: Distant, 1902a (descr., key); Gross, 1978 (descr.).

***Bathypoelia alkyone* Linnavuori, 1989**

Bathypoelia alkyone Linnavuori, 1989: 6. HT: ♂, YE, Socotra; coll. Linnavuori, Raisio, FI.

Distr. AS: YE.

***Bathypoelia scutellata* L.Y. Zheng & G.Q. Liu, 1987**

Bathypoelia scutellata L.Y. Zheng & G.Q. Liu, 1987b: 188. HT: ♀, CH (SW), Yunnan, Nan-hua County; Quarantine Institute of Yunnan, CH.

Distr. AS: CH (SW).

***Bathypoelia sinica* L.Y. Zheng & G.Q. Liu, 1987**

Bathypoelia sinica L.Y. Zheng & G.Q. Liu, 1987a: 291. HT: ♀, CH (SE), Guangdong, Ding-hu-shuan Hill; NKUM.

Distr. AS: CH (SE).

Tribe CAPPAEINI Atkinson, 1888

TROPICORYPHINI Atkinson, 1888b: 19 (Tropicoeypharia [sic]). Type genus: *Tropicorypha* Mayr, 1864.

CAPPAEINI Atkinson, 1888b: 21 (Cappaearia). Type genus: *Cappaea* Ellenrieder, 1862.

Genus *Cappaea* Ellenrieder, 1862

Cappaea Ellenrieder, 1862: 146. Type species by monotypy: *Cappaea multilinea* Ellenrieder, 1862 (= *Pentatoma taprobanensis* Dallas, 1851).

Ref.: Distant, 1902a (descr., key).

***Cappaea taprobanensis* (Dallas, 1851)**

Pentatoma taprobanensis Dallas, 1851a: 244. ST(S): ♀, Ceylon [= Sri Lanka]; BMNH.

Cappaea multilinea Ellenrieder, 1862: 147 (syn. Mayr, 1866: 65). ST(S): Indonesia, Sumatra, Lahat.

Distr. AS: CH (CE SE SW) TA. **EL:** Oriental Region.

Ref.: Lin et al., 1993 (distr.).

***Cappaea tibialis* Hsiao & Cheng, 1977**

Cappaea tibialis Hsiao & Cheng, 1977: 153, 300. HT: ♂, CH (NO), Shandong, Fei-xian County; NKUM.

Distr. AS: CH (NO).

Genus *Halyomorpha* Mayr, 1864

Halyomorpha Mayr, 1864: 911. Type species by monotypy: *Halys timorensis* Westwood, 1837 (= *Cimex picus* Fabricius, 1794), India east to Philippines and Indonesia.

***Halyomorpha distanti* Jeannel, 1913**

Halyomorpha distanti Jeannel, 1913: 71. STS: Kenya (Voï, Bura, Mbuyuni and Tavéta) and Tanzania (Neu-Moschi, nr Mt Kilimandjaro); MNHN.

Distr. AS: YE. **EL:** Ethiopia, Somalia.

Ref.: Linnavouri, 1982b (fig.), 1989 (distr.).

***Halyomorpha halys* (Stål, 1855)**

Pentatoma halys Stål, 1855c: 182. ST(S): CH; NHRS.

Poecilometis mistus Uhler, 1860: 223 (syn. Josifov & Kerzhner, 1978: 172). STS: ♀, JA (Simoda) and CH (SE: Hong Kong); USNM?

Dalpada brevis Walker, 1867b: 226. (syn. Josifov & Kerzhner, 1978: 172). HT: CH (SE), Hong Kong; BMNH.

Dalpada remota Walker, 1867b: 227 (syn. Josifov & Kerzhner, 1978: 172). STS: CH (SE), Hong Kong; BMNH.

Distr. AS: CH (CE NE NO SE SW WP) JA KO.

Ref.: Kobayashi, 1956 (*picus*; egg, larva); Parshad, 1957b (*brevis*; chrom.); Ren, 1992c (egg); Zhang, 1985 (fig.).

Note: There has been considerable confusion surrounding the systematics of this species. First, Distant (1880a, 1893d) considered this taxon to be a junior synonym of *Halyomorpha picus* (Fabricius). Later, it was determined that this species was different from *H. picus*, but various authors used either *H. brevis* (Walker) or *H. remota* (Walker) as the proper name. Josifov & Kerzhner (1978) determined that there was only one species of *Halyomorpha* occurring in JA, Korea, and eastern China, and that *H. halys* (Stål) actually had priority.

Genus *Homalogonia* Jakovlev, 1876

Homalogonia Jakovlev, 1876b: 89. Type species by monotypy: *Homalogonia maculata* Jakovlev, 1876 (= *Pentatoma obtusa* Walker, 1868).

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key).

***Homalogonia chinensis* Lin & Zhang, 1992**

Homalogonia chinensis Lin & Zhang in Lin et al., 1993: 175, 181. HT: ♀, CH (CE), Hunan, Yongshun County; IZAS.

Distr. AS: CH (CE).

***Homalogonia confusa* Kerzhner, 1972**

Homalogonia confusa Kerzhner, 1972c: 295. HT: ♂, RU (FE), Primorsk Terr., Evgenevka (Spassk-Dalnii); ZMAS.

Distr. AS: CH (NE) JA KO RU (FE).

Ref.: Josifov & Kerzhner, 1978 (descr., fig., key).

***Homalogonia croceomaculata* F.Y. Chen, 1983**

Homalogonia croceomaculata F.Y. Chen, 1983: 44, 46. HT: ♀, CH (SW), Guizhou, Pinba County; Guizhou Forestry Research Institute, Guiyang, CH.

Distr. AS: CH (NO SW).

***Homalogonia grisea* Josifov & Kerzhner, 1978**

Homalogonia grisea Josifov & Kerzhner, 1978: 175. HT: ♂, KO, Gensan (Vonsan); ZMAS.

Distr. AS: CH (CE NO SE SW) JA KO.

Ref.: Bu & L.Y. Zheng, 1997 (fig., distr.).

***Homalogonia obtusa* (Walker, 1868)**

Pentatoma obtusa Walker, 1868: 560. HT: ♀, JA; BMNH.

Homalogonia maculata Jakovlev, 1876b: 90 (syn. Horváth, 1899b: 278). LT

(Kerzhner, 1972c: 295): ♂, RU (FE), Ussuri R., 48° N; ZMAS.

Carpocoris fuscispinus (non Boheman, 1851): Okamoto, 1924: 68; Doi, 1932: 47;

Kato, 1933: 5. Misidentification (see Miyamoto & Lee, 1966: 328).

Distr. AS: CH (CE NE NO SE SW WP) JA KO RU (FE). **EL:** India, Vietnam.

Ref.: Kobayashi, 1967b (larva); Miyamoto & Hidaka, 1965 (fig.); Muramoto, 1973, 1982 (chrom.); Ren, 1992c (egg).

***Homalogonia obtusa yunnana* L.Y. Zheng & G.Q. Liu, 1987**

Homalogonia obtusa yunnana L.Y. Zheng & G.Q. Liu, 1987b: 185. HT: ♂, CH (SW), Yunnan, E-shan County; Quarantine Institute, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

***Homalogonia pinicola* Lin & Zhang, 1992**

Homalogonia pinicola Lin & Zhang in Zhang et al., 1992: 237. HT: ♂, CH (CE), Jiangxi, Nanchang; IZAS.

Distr. AS: CH (CE).

***Homalogonia sordida* L.Y. Zheng, 1994**

Homalogonia sordida L.Y. Zheng in L.Y. Zheng & Yuan, 1994: 1. HT: ♂, CH (NO), Gansu, Tian-shui County, Mt. Xiao-long, Taoping; NKUM.

Distr. AS: CH (NO).

Genus *Lerida* Karsch, 1895

Ilerda Stål, 1865c: 170 (as subgenus of *Pentatoma*; upgraded by Stål, 1876: 77; junior homonym of *Ilerda* Doubleday, 1847, Lepidoptera). Type species by subsequent designation (Kirkaldy, 1909b: xxix): *Pentatoma rubicunda* Stål, 1865, Madagascar.

Lerida Karsch, 1895: 100. New name for *Ilerda* Stål, 1865.

Menuthias Kirkaldy, 1904: 280. New name for *Ilerda* Stål, 1865.

Ref.: Linnavouri, 1982b (key).

***Lerida punctata* (Palisot de Beauvois, 1807)**

Pentatoma punctata Palisot de Beauvois, 1807: 83. ST(S): nr Oware [Nigeria].

Pentatoma pallescens Westwood, 1837: 41 (syn. Linnavuori, 1986b: 490). ST(S):

Gambia; OXUM.
Mormidea? unisignata Walker, 1867a: 261 (syn. Distant, 1899b: 438). HT: Nigeria, Old Calabar; BMNH.
Ilerda pugnax Stål, 1876: 77 (syn. Linnavuori, 1986b: 490). ST(S): ♀, Sansibar [= Zanzibar]; NHRS.
Ilerda sudana Distant, 1900g: 82 (syn. Linnavuori, 1986b: 490). ST(S): Central Africa, Niam Niam; BMNH.
Distr. AS: SA YE. **EL:** Africa.
Ref.: Linnavuori, 1975 (descr., fig.), 1982b (fig., key); Nuamah, 1982 (chrom.).

Genus *Tolumnia* Stål, 1868

Tolumnia Stål, 1868b: 515. Type species by subsequent designation (Distant, 1902a: 153): *Pentatoma trinotata* Westwood, 1837.
Mormoschema Breddin, 1909: 269 (syn. Distant, 1918: 130). Type species by monotypy: *Tolumnia immaculata* Distant, 1900, India, Sri Lanka.
Ref.: Distant, 1902a (descr., key); Hasan & Ahmad, 1988 (tax.); Lin & Zhang, 1993a (key); Zaidi, 1995 (tax.).

Tolumnia basalis (Dallas, 1851)

Pentatoma basalis Dallas, 1851a: 237. ST(S): ♀, CH; BMNH.
Distr. AS: CH (CE NO SE SW). **EL:** Oriental Region.

Tolumnia gutta (Dallas, 1851)

Pentatoma gutta Dallas, 1851a: 239. ST(S): ♀, CH; BMNH.
Pentatoma inobtrusa Walker, 1867a: 305 (syn. Distant, 1899b: 436). HT: Indonesia, Flores; BMNH.
Distr. AS: CH (CE NO SE SW). **EL:** Indonesia.
Note: Distant (1899b: 436), Wu (1933: 224) and many other authors considered this to be a junior synonym of *Tolumnia basalis*.

Tolumnia latipes (Dallas, 1851)

Pentatoma latipes Dallas, 1851a: 238. STS: ♂, ♀, Burma, Tenasserim; BMNH.
Dalpada obtusicollis Ellenrieder, 1862: 143 (syn. Stål, 1876: 75). ST(S): Indonesia, Sumatra, Rawas, Lahat.
Pentatoma trispila Walker, 1867a: 302 (syn. Distant, 1899b: 436). HT: Siam [= Thailand]; BMNH.
Pentatoma contingens Walker, 1867a: 302 (syn. Distant, 1899b: 436). STS: CH (SE), Hong Kong; BMNH.
Tolumnia ferruginescens Breddin, 1904b: 7 (syn. Distant, 1921: 41). HT: ♀, Tonkin [= Vietnam], Maous Mts; no specimens listed by either Gaedike (1971) or Weidner (1972).
Distr. AS: CH (CE NO SE SW WP) TA. **EL:** Oriental Region.
Ref.: Dey & Wangdi, 1985, 1988 (chrom.); Hasan & Ahmad, 1988 (tax.); Mittal & Leelamma, 1981 (chrom.); Zaidi, 1995 (tax.).

Tolumnia trinotata (Westwood, 1837)

Pentatoma trinotata Westwood, 1837: 41. ST(S): Indonesia, Java; OXUM.
Pentatoma pallidiventris Vollenhoven, 1868a: 183 (syn. Schouteden, 1907d: 41). STS: ♂, ♀, Indonesia (Java, Sumatra, Biliton and Borneo); RMNH.
Distr. AS: CH (SW). **EL:** Oriental Region.
Ref.: Hasan & Ahmad, 1988 (tax.); Zaidi, 1995 (tax.).

Genus *Tripanda* Berg, 1899

Panda Distant, 1898: 299 (junior homonym of *Panda* Heyden, 1826, Arachnida). Type species by monotypy: *Panda signitensis* Distant, 1898.

Tripanda Berg, 1899: 78. New name for *Panda* Distant, 1898.

Boeria Kirkaldy, 1908b: 124. New name for *Panda* Distant, 1898.

Derila Villiers, 1967: 1794 (syn. Linnavuori, 1982b: 109). Type species by original designation: *Derila longiceps* Villiers, 1967, tropical Africa.

***Tripanda signitensis* (Distant, 1898)**

Panda signitensis Distant, 1898: 300. STS: South Africa, Pretoria and “Cape Colony”; BMNH.

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Schouteden, 1909 (fig.).

Genus *Veterna* Stål, 1865

Veterna Stål, 1865c: 153 (as subgenus of *Pentatoma*; upgraded by Stål, 1876: 76). Type species by subsequent designation (Kirkaldy, 1909b: xxix): *Cimex sanguineirostris* Thunberg, 1822, tropical Africa.

Awemba Distant, 1908b: 439 (syn. Linnavuori, 1982b: 112). Type species by use of “typica”: *Awemba typica* Distant, 1908, East Africa.

Ref.: Linnavuori, 1982b (key).

***Veterna abyssinica* Lethierry, 1881**

Veterna abyssinica Lethierry, 1881: 280. HT: Abyssinia [= Ethiopia]; MNHN.

Distr. AS: SA YE. **EL:** Ethiopia.

Ref.: Linnavuori, 1975 (descr., fig.).

Tribe CARPOCORINI Mulsant & Rey, 1866

RUBICONIINI Mulsant & Rey, 1866: 161 (Rubiconiaires). Type genus: *Rubiconia* Dohrn, 1860.

AULACETRINI Mulsant & Rey, 1866: 190 (Aulacetrinaires). Type genus: *Aulacetrus* Mulsant & Rey, 1866 (= *Holcogaster* Fieber, 1860).

CARPOCORINI Mulsant & Rey, 1866: 236 (Carpocorates). Type genus: *Carpocoris* Kolenati, 1846.

HOLCOGASTRINI Oshanin, 1906: 125. Type genus: *Holcogaster* Fieber, 1860

DOLYCORINI Yang, 1962: 69. Type genus: *Dolycoris* Mulsant & Rey, 1866.

Genus *Aeliomorpha* Stål, 1858

Tetratoma Signoret, 1851c: 339 (junior homonym of *Tetratoma* Fabricius, 1790, Coleoptera). Type species by monotypy: *Tetratoma senegalensis* Signoret, 1851, Senegal.

Aeliomorpha Stål, 1858b: 313. New name for *Tetratoma* Signoret, 1851.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1902a (descr., key); Zaidi & Ahmad, 1990 (tax.).

Note: Stål (1865c) treated *Aeliomorpha* as a subgenus of *Pentatoma* which also included a number of other subgenera generally considered to be members of the Carpacorini. In 1876, he keyed it in its own group, but indicated that its habitus was similar to *Aelia*. Atkinson (1888b) treated it as a member of the Diploxyaria (= Diploxyini). Lethierry & Severin (1893) and Kirkaldy (1909b) both catalogued it between *Aeschrocoris* and *Aeshrus*, both members of the *Aeschrocorini* (Atkinson had included these two in his

Diploxyini also). Distant (1902a) included it in the Dymantaria which is a synonym of the Myrocheini. Most recent workers have considered it to be a member of the Aeliini, except Cachan (1952) who placed it in the Carpocoraria (= Carpocorini) and Linnavuori (1982b) who placed it in its own generic group. I follow Stål and Cachan in placing this genus in the Carpocorini.

Subgenus *Aeliomorpha* Stål, 1858

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Aeliomorpha eremita* Linnavuori, 1975**

Aeliomorpha eremita Linnavuori, 1975: 44. HT: ♂, Sudan, Blue Nile, Ingessana Mts; AMNH.

Distr. AS: YE. **EL:** Eritrea, Sudan.

***Aeliomorpha griseoflava* (Stål, 1854)**

Aelia griseoflava Stål, 1854b: 218. LT (Linnavuori, 1975: 43, as “type”): ♂, South Africa, “Caffraria”, Boschjesmans Rand; NHRS.

Aeliomorpha natalicola (non Stål, 1854): Schouteden, 1910: 83. Misidentification (see Linnavuori, 1975: 43).

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1989 (distr.); Nuamah, 1982 (chrom.).

Note: Linnavuori (1975) indicated that he examined the “type” of *pectoralis* Schouteden as if it were a synonym of this species; I believe that *pectoralis* is a manuscript name, never having been formally described.

***Aeliomorpha lineatocollis* (Westwood, 1837)**

Pentatoma lineatocollis Westwood, 1837: 36. ST(S): India or Bangladesh, Bengal; OXUM.

Aeliomorpha lineaticollis: Stål, 1876: 80. Incorrect subsequent spelling.

Distr. AS: AF CH (SE) SY. **EL:** Oriental Region, tropical Africa.

Ref.: Z.Y. Chen & Huang, 1996 (distr.); Mittal & Leelamma, 1981 (chrom.).

***Aeliomorpha pazukii* Hoberlandt, 1997**

Aeliomorpha pazukii Hoberlandt, 1997: 238. HT: ♂, IN, Bushehr Prov., Shahbankareh, 20 km NW Borazjan, on road between Bandar Genaveh and Borazjan; NMPC.

Distr. AS: IN.

***Aeliomorpha pumila* (Stål, 1854)**

Aelia pumila Stål, 1854b: 218. ST(S): ♂, South Africa, terra Natalensi [= Natal]; NHRS.

Aeliomorpha centrobia Bergroth, 1926: 5 (syn. Linnavuori, 1975: 45). LT (Linnavuori, 1975: 45): ♂, E Africa, Ituru; NHRS.

Distr. NA: MO. **AS:** IN SA YE. **EL:** tropical Africa.

***Aeliomorpha sheanensis* Linnavuori, 1965**

Aeliomorpha sheanensis Linnavuori, 1965: 237. HT: ♂, IS, Beit Shean; AMNH.

Distr. AS: IN IQ IS JO.

***Aeliomorpha yunnanensis* L.Y. Zheng & G.Q. Liu, 1987**

Aeliomorpha yunnanensis L.Y. Zheng & G.Q. Liu, 1987b: 183. HT: ♂, CH (SW), Yunnan, Dong-chuan County; Quarantine Institute, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

Subgenus *Distantietta* Azim & Shafee, 1987

Distantietta Azim & Shafee, 1987: 421 (as subgenus of *Aeliomorpha*). Type species by original designation: *Aeliomorpha viridis* Azim & Shafee, 1987 (= *Aeliomorpha viridescens* Rider & Rolston, 1995), India.

Aeliomorpha fletcheri Distant, 1911

Aeliomorpha fletcheri Distant, 1911c: 22. ST(S): Ceylon [= Sri Lanka], Hambantota; BMNH.

Distr. AS: AF. **EL:** India, Pakistan, Sri Lanka.

Ref.: Zaidi & Ahmad, 1990 (tax.).

Genus *Agatharchus* Stål, 1876

Agatharchus Stål, 1876: 76. Type species by subsequent designation (Kirkaldy, 1909b: xxix): *Cimex linea* Klug, 1845.

Barbiger Jakovlev, 1877a: 87 (syn. Reuter, 1885a: 41). Type species by original designation (Art. 68.2.1): *Barbiger furvus* Jakovlev, 1877 (= *Pentatoma linea* Klug, 1845).

Ref.: Belousova, 1999 (revision); Ribes & Schmitz, 1992 (key).

Note: Ribes & Schmitz (1992: 111) argued for synonymy of *Agatharchus* with *Rhombocoris*.

Subgenus *Afghanotharchus* Belousova, 1999

Afghanotharchus Belousova, 1999: 833 (as subgenus of *Agatharchus*). Type species by original designation: *Agatharchus kabakovi* Belousova, 1999.

Agatharchus kabakovi Belousova, 2000

Agatharchus (*Afghanotharchus*) *kabakovi* Belousova, 1999: 833. HT: ♂, AF, Koh-i-Baba, S of Sia-Sang; ZMAS.

Distr. AS: AF.

Subgenus *Agatharchus* Stål, 1876

Agatharchus escalerae Horváth, 1901

Agatharchus escalerae Horváth, 1901a: 472. ST(S): ♀, AT, Enyusek-Dagh; HNHM.

Distr. AS: AT.

Ref.: Belousova, 1999 (tax.).

Agatharchus herrichii (Kolenati, 1846)

Jalla herrichii Kolenati, 1846b: 35. LT (Gidayatov, 1975: 589): ♀, AB, prov.

Elisabethopol [= nr Ganja]; ZMAS.

Barbiger montanus Jakovlev, 1879: 40 (syn. Gidayatov, 1975: 589). LT (Gidayatov, 1975: 589): ♀, RU (ST), Dagestan, Akhty; ZMAS.

Barbiger jakovleffi Reuter, 1881c: 157 (syn. Belousova, 1999: 841, suspected). HT: ♂, locality not given, AT according to Horváth (1897a: 83); HNHM.

Agatharchus herrichii var. *aemulans* Horváth, 1897a: 83. STS: ♂, ♀, Caucasus; HNHM.

Agatharchus herrichii var. *sobrinus* Horváth, 1897a: 83. STS: ♀, Caucasus; HNHM.

Distr. EU: RU (ST: Dagestan). **AS:** AB AR AT GG IN SY.

Ref.: Belousova, 1999 (tax.); Gidayatov, 1975 (tax.).

Agatharchus hirsutus Belousova, 1999

Agatharchus hirsutus Belousova, 1999: 836. HT: ♀, IN, Veramin, Gharaghadj Mts;

ZMAS.

Distr. AS: IN.

***Agatharchus jalloides* Stål, 1876**

Agatharchus jalloides Stål, 1876: 76. STS: ♀, IN, “Persia”; MZHF, NHRS.

Barbiger saundersi Jakovlev, 1877a: 89 (syn. Jakovlev, 1882c: 96). LT (Belousova, 1999: 844): ♀, IN, Tash [between Gorgan and Shahkuh]; ZMAS.

Distr. AS: IN.

Ref.: Belousova, 1999 (tax.).

***Agatharchus linea* (Klug, 1845)**

Cimex linea Klug, 1845: sign *d.* ST(S): SY (actually, LE); ZMHB.

Barbiger furvus Jakovlev, 1877a: 88 (syn. Horváth, 1897a: 83). HT (see Derzhansky et al., 2002: 368): ♂, IN, Shahkuh; ZMAS.

Distr. AS: AT IN LE SY.

Ref.: Belousova, 1999 (tax.).

***Agatharchus mimula* V.G. Putshkov, 1965**

Agatharchus mimula V.G. Putshkov, 1965: 250. HT: ♀, TD, Shugnan Range nr Khorog; ZMAS.

Distr. AS: TD.

Ref.: Belousova, 1999 (tax.).

***Agatharchus persicus* (Jakovlev, 1880)**

Cyrtochilus persicus Jakovlev, 1880c: 163. LT (Belousova, 1999: 847): ♀, IN, Shahkuh; ZMAS.

Distr. AS: IN.

Ref.: Belousova, 1999 (tax.).

***Agatharchus ponticus* Belousova, 1999**

Agatharchus ponticus Belousova, 1999: 843. HT: ♂, AT (northeast), Coruh nehri River, Pazaryolu; ZMAS.

Distr. AS: AT.

***Agatharchus tritaenia* Horváth, 1897**

Agatharchus tritaenia Horváth, 1897a: 81. STS: ♂, AT, Akbès [= Ekbaz]; MZHF?

Distr. AS: AT IN IQ SY.

Ref.: Belousova, 1999 (tax.).

***Agatharchus turkmenicus* Belousova, 1999**

Agatharchus turkmenicus Belousova, 1999: 839. HT: ♂, TM, Nukhur; ZMAS.

Distr. AS: TM.

***Agatharchus umarovi* Muminov, 1975**

Agatharchus umarovi Muminov, 1975: 40. HT: ♀, AF, Paropamisus Range, 30 km W of Kalai-Nav; ZMAS.

Distr. AS: AF.

Ref.: Belousova, 1999 (tax.).

Genus *Alloeoglypta* Kiritschenko, 1952

Alloeoglypta Kiritschenko, 1952: 156. Type species by original designation: *Alloeoglypta pretiosa* Kiritschenko, 1952.

***Alloeoglypta pretiosa* Kiritshenko, 1952**

Alloeoglypta pretiosa Kiritshenko, 1952: 157. LT (Derzhansky et al., 2002: 370): ♂, TD, Kondara; ZMAS.

Alloeoglypta arnoldii Kiritshenko, 1952: 158 (syn. V.G. Putshkov, 1965: 244). LT (Derzhansky et al., 2002: 365): ♀, TM, Miemli southeast of Firyuza; ZMAS.

Distr. AS: AF AK KI TD TM.

Ref.: Kiritshenko, 1963, 1964 (distr.).

***Anthemina* Mulsant & Rey, 1866**

Anthemina Mulsant & Rey, 1866: 254 (as subgenus of *Carpocoris*, upgraded by Kerzhner & Jaczewski, 1964: 839). Type species by monotypy: *Cimex lynx* Fabricius, 1794 (= *Cimex lunulata* Goeze, 1778).

Ref.: Ribes & Schmitz, 1992 (key); Safavi, 1979 (key); Tamanini, 1962 (tax.).

***Anthemina absinthii* (Wagner, 1952)**

Carpocoris (Anthemina) absinthii Wagner, 1952b: 309. HT (see Aukema & Kerzhner, 2005: 69): ♂, FR, Camargue, Sts. Maries; ZMUH.

Codophila (Anthemina) absinthii f. *hispanica* Tamanini, 1961a: 596 (unavailable name). HT: SP, Madrid; IMBS.

Distr. EU: FR PO SP.

Ref.: Ribes & Saulea, 1979 (distr.), Tamanini, 1962 (tax.).

***Anthemina aliena* (Reuter, 1891)**

Carpocoris alienus Reuter, 1891a: 176. LT (Tamanini, 1962: 47): ♀, RU (ES), Krasnoyarsk Terr., Verchne Sujetuk [= Verkhnesuetuk]; MZHF.

Carpocoris (Anthemina) laticollis Jakovlev, 1905c: 101 (syn. Tamanini, 1962: 43). LT (Derzhansky et al., 2002: 368): ♂, RU (ES), Chita Prov., Argaley Ravine, Ingoda River; ZMAS.

Distr. EU: BY EN RU (CT NT). **AS:** CH (NO) KO MG RU (ES FE WS).

Note: Reuter (1891a) originally credited Horváth ("ined.") for authorship of *Carpocoris alienus*, but Horváth never published this name.

***Anthemina eurynota eurynota* (Horváth, 1907)**

Carpocoris eurynotus Horváth, 1907a: 295. LT (Tamanini, 1962: 46): ♀, KI, Alai Mts; HNHM.

Carpocoris (Anthemina) oshanini Kiritshenko, 1952: 159 (syn. Tamanini, 1962: 46). HT: ♂, TD, Turkestan Range nr Shchurovskogo Glacier; ZMAS.

Distr. AS: AK CH (NW) KI TD.

Ref.: Kerzhner, 1972a (fig.); Tamanini, 1962 (tax.).

***Anthemina eurynota remota* (Horváth, 1907)**

Carpocoris remotus Horváth, 1907a: 296 (downgraded by Kerzhner, 1993: 103). STS: ♀, USA, Colorado; HNHM.

Anthemina eurynota tamaninii Kerzhner, 1972a: 369 (syn. Kerzhner, 1993: 103). HT: ♂, RU (WS), Altai, Dzhazater River N of Karakul' Lake; ZMAS.

Distr. AS: MG RU (ES FE WS). **EL:** North America (west).

Ref.: Göllner-Scheiding, 1984b (*tamaninii*; distr.); Kerzhner, 1988 (*tamaninii*; distr.), 1993 (tax.).

***Anthemina lindbergi* (Tamanini, 1962)**

Codophila (Anthemina) lindbergi Tamanini, 1962: 49. HT: ♂, MG, Buir-Nur Lake; MZHF.

Distr. AS: CH (NO NW WP) MG RU (ES WS).

Ref.: Göllner-Scheiding, 1984b (biol.).

***Antheminia lunulata* (Goeze, 1778)**

Cimex lunulata Goeze, 1778: 275. For pl. 46 figs. 7, 8 in Schaeffer, 1766. ST(S): GE, near Regensburg; lost.

Cimex lynx Fabricius, 1794: 110 (syn. Reuter, 1884b: 32). STS: HU; ZMUC.

Mormidea pusio (non Kolenati, 1846): Fieber, 1861: 336. Misidentification (see Kirkaldy, 1909b: 57).

Carpocoris lynx var. *decolor* Ferrari, 1874: 129. ST(S): IT, Liguria, Serravalle Scrivia; MCSN.

Carpocoris (*Antheminia*) *lunulatus* var. *pallidior* Kirkaldy, 1909b: 57. For *Mormidea pusio* sensu Fieber, 1861. STS: RU (ST).

Carpocoris lunulatus f. *nigricornis* Kormilev, 1936: 36. HT: MC, Tetovo; Natural History Museum, Belgrade, YU.

Codophila (*Antheminia*) *lunulata* f. *eckerleini* Tamanini, 1961a: 598 (unavailable name). HT: GR; MZLS.

Antheminia lunulata f. *robusta* V.G. Putshkov, 1965: 261 (unavailable name). STS: KI; UASK.

Distr. EU: AL AU BE BH BU CR CZ EK ET FR GE GR HU IT MC MD PL PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** AG. **AS:** AB AK AR AT CH (NW) GG IN IQ KI RU (ES WS) SY. **EL:** Pakistan.

Ref.: Gidayatov, 1982 (key); Hinton, 1981 (egg); Putshkova, 1961 (egg); Tamanini, 1961a (tax.).

***Antheminia mongolica* (Kerzhner & Josifov, 1966)**

Codophila (*Antheminia*) *mongolica* Kerzhner & Josifov, 1966: 633. HT: ♂, MG, Sajn-Shand; ZMPA.

Distr. AS: CH (NO) MG.

***Antheminia pusio pusio* (Kolenati, 1846)**

Carpocoris pusio Kolenati, 1846b: 48. LT (Kerzhner, 2003b: 97): ♂, AB, Karabagh; NHMW.

Carpocoris (*Antheminia*) *kirgisicus* Jakovlev, 1905c: 100 (syn. Tamanini, 1961a: 594). LT (Derzhansky et al., 2002: 368): ♂, AK, Ankul, N of Balkhash; ZMAS.

Carpocoris (*Antheminia*) *bergi* Jakovlev, 1905c: 102 (syn. Horváth, 1907a: 295). LT (Derzhansky et al., 2002: 366): ♂, AK, Mynaral, Balkhash Lake; ZMAS.

Carpocoris (*Antheminia*) *absinthii orientalis* Hoberlandt, 1956: 193 (syn. Tamanini, 1961a: 594). HT: ♂, AT, Mo an göl; NMPC.

Distr. EU: EK MC RU (ST). **AS:** AB AF AK AR AT CH (NW) GG IN IQ KI MG SY TD TM UZ. **EL:** Pakistan.

Ref.: Gidayatov, 1982 (key); Isakov, 2000a (egg, larva); Ren, 1992c (egg); Tamanini, 1962 (tax.).

***Antheminia pusio longiceps* (Reuter, 1884)**

Carpocoris lunulatus var. *longiceps* Reuter, 1884b: 32. STS: RU (ES), Minusinsk; MZHF.

Codophila (*Antheminia*) *pusio esakii* Tamanini, 1962: 52 (syn. Kerzhner, 1972a: 369). HT: ♂, CH (NO), Shanxi, Tungfenchén; KUEC.

Distr. AS: CH (NE NO NW WP) RU (ES FE WS) MG.

Ref.: Kerzhner, 1972a (tax.).

***Antheminia varicornis* (Jakovlev, 1874)**

Mormidea varicornis Jakovlev, 1874a: 58. LT (Derzhansky et al., 2002: 371): ♀, RU (ST), Astrakhan Prov., Bogdo Mt.; ZMAS.

Dolycoris baicalensis Jakovlev, 1894: 135 (syn. Kerzhner, 1964a: 366). LT (Derzhansky et al., 2002: 366): ♂, RU (ES), Irkutsk Prov., Kultuk; ZMAS.

Dolycoris varicornis montandoni Sienkiewicz, 1954: 1225 (syn. Tamanini, 1961a: 593). STS: ♂, ♀, RO, Dobrogea, Danube River delta, Sf. Gheorghe; AMNH.

Distr. EU: AL AU BU EK GE? GR HU IT RO RU (ST) UK YU. **AS:** AB AK AR AT CH (NE NO NW WP) IN KI MG RU (ES FE WS) SI SY TD TM UZ.

Ref.: Halászfy, 1958 (larva); Ren, 1992c (egg).

Genus *Brachynema* Mulsant & Rey, 1852

Brachynema Mulsant & Rey, 1852: 88. Type species by monotypy: *Pentatoma roseipennis* Mulsant & Rey, 1852 (= *Cimex cinctus* Fabricius, 1794).

Oncoma Fieber, 1860: 79; 1861: 333 (syn. Stål, 1872c: 38). Type species by subsequent monotypy (Fieber, 1861: 333): *Rhaphigaster germarii* Kolenati, 1846.

Ref.: Ribes & Schmitz, 1992 (descr., key, tax.).

***Brachynema cinctum* (Fabricius, 1775)**

Cimex cinctus Fabricius, 1775: 712. LT (Ribes & Schmitz, 1992: 116): ♂, “Oriente”; ZMUC (see note).

Cimex forskahlii Gmelin, 1790: 2150. New name for *cinctus* Fabricius, 1775.

Cimex tarsatus Klug, 1845: sign. *d* (syn. Dohrn, 1858: 228). ST(S): SI; ZMHB.

Pentatoma roseipennis Mulsant & Rey, 1852: 87 (referred this species to *Brachynema* at end of species description; syn. Dohrn, 1858: 228). STS: ♂, ♀, FR, Aigues Mortes, Arles, Marseille; ZMHB (1 ST).

Brachynema cinctum var. *flavatum* Horváth, 1896a: 322. STS: ♀, FR, Palavas and Corsica; HNHM, MNHN (see note).

Brachynema simonyi Horváth, 1896a: 323 (syn. Ribes, 1977: 136). LT (Ribes & Schmitz, 1992: 123): ♂, CI, Lanzarote; NHMW.

Brachynema hypocrita var. *exul* Horváth, 1896a: 323 (syn. Ribes & Schmitz, 1992: 116). ST(S): ♂, AG, Misserghin; HNHM.

Brachynema cinctum var. *splendidum* Montandon, 1900a: 158. ST(S): AG, Biskra; MGAB.

Brachynema cinctum var. *miniaturum* Montandon, 1900a: 158. ST(S): FR, Aude, La Nouvelle; MGAB.

Brachynema venustum Montandon, 1900a: 158 (syn. Linnavuori, 1986a: 61). HT: ♀, AG, Oranie, Ami Moussa; MGAB.

Distr. EU: CR FR GR IT MA SP. **NA:** AG CI EG LB MO TU. **AS:** AF CY IN IQ IS SA SI SY YE. **EL:** Cape Verde Is, Ethiopia, Pakistan, Somalia, Sudan.

Ref.: Ribes & Schmitz, 1992 (descr., fig., key, tax.).

Note: Zimsen's (1964) speculation that the 2 Fabrician STS were not conspecific was confirmed by Ribes & Schmitz (1992); the 2nd ST, a ♀, is actually *Holcostethus strictus* (Fabricius, 1803). Also, Ribes & Schmitz (1992) indicated that they examined 2♂ and 3♀ STS of *B. cinctum* var. *flavatum*, all in HNHM except 1 in MNHN, but according to Horváth's (1896a) original description, he did not have any specimens when he described this variety.

***Brachynema germarii* (Kolenati, 1846)**

Cimex virens Klug, 1845: sign *d* (junior primary homonym of *Cimex virens* Linnaeus, 1767; syn. Mulsant & Rey, 1866: 286). ST(S): SI; ZMHB (not found, see Ribes &

Schmitz, 1992: 136).
Raphigaster [sic] *germarii* Kolenati, 1846b: 56. LT (Kerzhner, 2003b: 97): AB, ♂, Karabagh; NHMW.
Pentatoma anabasis Becker, 1867: 110 (syn. Jakovlev, 1871: 14). LT (Ribes & Schmitz, 1992: 136): ♂, RU (ST), Astrakhan; ZMAS.
Pentatoma tetrastigma (non Herrich-Schaeffer, 1851): Walker, 1867a: 311. Misidentification (see Distant, 1900f: 390).
Rhaphigaster biplaga Walker, 1867a: 373 (syn. Ribes & Schmitz, 1992: 134). HT: type locality unknown; BMNH.
Oncoma germari var. *flavomarginatus* Jakovlev, 1871: 14. New name for *anabasis* Becker, 1867.
Oncoma germari var. *grisea* Jakovlev, 1871: 32. LT (Derzhansky et al., 2002: 368): ♂, RU (ST), Astrakhan; ZMAS.
Brachynema melanota Jakovlev, 1874b: 240 (syn. Kiritschenko, 1951b: 340). STS: RU (ST), Astrakhan; ZMAS (Derzhansky et al., 2002: 369, were not able to locate any verifiable STS).
Brachynema virens var. *alternatum* Horváth, 1899a: 444. ST(S): ♂, AG, Oran; HNHM.
Distr. EU: EK FR GR IT PO RU (ST) UK. **NA:** AG CI EG LB MO TU. **AS:** AB AF AK AR AT CH (NO NW WP) CY GG IN IQ IS JO KI MG SI SY TD TM UZ.
EL: Pakistan.
Ref.: Isakov, 2002 (egg, larva).

***Brachynema purpureomarginatum purpureomarginatum* (Rambur, 1839)**

Cimex purpureomarginatus Rambur, 1839: 121. LT (Ribes & Schmitz, 1992: 125): ♂, SP, Malaga; BMNH (see note).
Pentatoma baerensprungi Mulsant & Rey, 1863: 185 (syn. Ribes & Schmitz, 1992: 124). HT: GE [in error]; ZMHB.
Brachynema triguttatum (non Fieber, 1870): Lethierry, 1874: 48; Seabra, 1926a: 139; Wagner, 1960c: 59; Ribes, 1965b: 59; Fuente, 1974b: 193. Misidentification (see Ribes & Schmitz, 1992: 124).
Distr. EU: FR PO SP.
Note: Rambur (1839) at the end of his original description indicated that he described this species from a single male, but in the actual description he refers to characters of both males and females. Ribes & Schmitz (1992) pointed this out and indicated that they examined one male and two female specimens belonging to the type series. They also determined that the two female specimens actually belong to *B. cinctum*; they then designated the remaining male specimen as lectotype.

***Brachynema purpureomarginatum hypocrita* Puton, 1887**

Brachynema triguttata var.: Lethierry & Puton, 1876: 15.
Brachynema triguttatum (non Fieber, 1870): Puton, 1886c: 2. Misidentification (see Ribes & Schmitz, 1992: 124).
Brachynema triguttatum var. *hypocrita* Puton, 1887: 96 (upgraded to species by Lethierry & Severin, 1893: 147; downgraded by Ribes & Schmitz, 1992: 131). STS: AG (Biskra) and TU (Kairouan); MNHN, MZHF.
Brachynema hypocrita var. *rungsii* Vidal, 1936: 197. STS: ♀, MO, Rabat, Gulfa-Salé, Casablanca; Institut Scientifique Chérifien, Rabat, MO.
Brachynema maroccana Vidal, 1949: 172 (syn. Ribes & Schmitz, 1992: 132). STS: ♀, MO, Rabat, Salé; Institut Scientifique Chérifien, Rabat, MO.
Distr. NA: AG MO TU. **AS:** IN.

***Brachynema purpureomarginatum triguttatum* Fieber, 1870**

Brachynema triguttatum Fieber, 1870: 263 (downgraded by Ribes & Sauleda, 1979: 152). LT (Ribes & Schmitz, 1992: 128, as HT): ♀, SP, Andalusia; MNHN.

Brachynema espagnoli Ribes, 1965b: 59 (syn. Ribes & Sauleda, 1979: 152). HT: ♂, SP, Murcia, Totana; MZBS.

Distr. EU: SP.

***Brachynema signatum* Jakovlev, 1879**

Brachynema signata Jakovlev, 1879: 37. LT (Ribes & Schmitz, 1992: 144): ♂, AB, Kurguluchay; ZMAS.

Brachynema turanicum Horváth, 1889b: 173 (syn. Kiritshenko, 1922: 9). LT (Ribes & Schmitz, 1992: 144): ♂, TM, Ak-dagh; ZMAS.

Brachynema signatum f. *immaculiscutum* Kiritshenko, 1922: 9. LT (Derzhansky et al., 2002: 368): ♂, TM, Ashkhabad; ZMAS.

Distr. EU: RU (ST: Dagestan). **AS:** AB AK AR CH (NW) GG IN TM.

Genus *Carpocoris* Kolenati, 1846

Carpocoris Kolenati, 1846b: 45. Type species by subsequent designation (Kirkaldy, 1909b: 56): *Cimex nigricornis* Fabricius, 1775 (= *Cimex purpureipennis* De Geer, 1773).

Ref.: Belousova, 2004 (genitalia); Derzhansky, 1990 (tax.); Kiritshenko, 1951b (key); Ribes & Schmitz, 1992 (key); Tamanini, 1959a (descr.).

Note: Distant's (1902a) designation of *Cimex lynx* Fabricius, 1794, as the type of *Carpocoris* is invalid because *C. lynx* was not an original member of the genus.

Subgenus *Carpocoris* Kolenati, 1846

***Carpocoris coreanus* Distant, 1899**

Carpocoris coreanus Distant, 1899b: 436. STS: KO [in error, actually TM, Serakhs, see Kerzhner, 1976: 83]; BMNH.

Carpocoris iranensis Tamanini, 1958a: 169 (as ssp. by Tamanini, 1959a: 132; syn. Kerzhner, 1976: 82). HT: ♂, IN; MCSN.

Distr. EU: RU (ST). **AS:** AB AF AK AR AT CH (NO NW WP) GG IN IQ IS JO KI MG RU (ES WS) SI SY TD TM UZ. **EL:** Pakistan.

Ref.: Derzhansky, 1990 (descr., fig., key); Ren, 1992c (egg).

***Carpocoris cyrenaicus* Tamanini, 1958**

Carpocoris cyrenaicus Tamanini, 1958a: 165. HT: ♂, LB, Cyrenaica, Cyrene [ruins nr Shahhat]; MCSN.

Carpocoris cyrenaicus f. *testacea* Tamanini, 1959a: 135. HT: LB, Cyrenaica, "Chersa"; MCRI.

Distr. NA: LB.

***Carpocoris fuscispinus* (Boheman, 1851)**

Cimex fuscispinus Boheman, 1851: 241. LT (Tamanini, 1958b: 356): ♂, SV, Gotland; NHRS.

Pentatoma hahni Flor, 1856: 60 (syn. Oshanin, 1906: 113). STS: ♂, ♀, LA, Kokenhusen [= Koknese], Aahof [= Adaži], Lodenhof [= Lode] and Allash [= Allaži]; IZBE.

Carpocoris fuscispinus var. *rugicollis* Seabra, 1925b: 10. ST(S): ♂, PO; MZCP.

Carpocoris fuscispinus var. *subrufus* Seabra, 1925b: 10. STS: ♂, ♀, PO; MZCP.

Carpocoris fuscispinus var. *flavescens* Seabra, 1925b: 11. ST(S): ♀, PO; MZCP.

Carpocoris fuscispinus var. *infuscatus* Seabra, 1925b: 11. ST(S): ♀, PO; MZCP.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN FI FR GE GR HU IT LA LS LT LU MC MD NL PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG EG LB MO. **AS:** AB AF AK AL AR AT CH (NO NW) GG IN IQ IS KI KO LE MG RU (ES WS) SY TD TM UZ. **EL:** India, Pakistan.

Ref.: Candan & Suludere, 2000 (egg); Halászfy, 1958 (larva); Javahery, 1994 (egg); V.G. Putshkov & Putshkova, 1956 (egg, larva); Tamanini, 1959a (tax.).

***Carpocoris mediterraneus mediterraneus* Tamanini, 1958**

Carpocoris mediterraneus Tamanini, 1958b: 360. HT: ♂, IT, Calabria, S of Eufemia d'Aspromonte; MCRI.

Carpocoris mediterraneus f. *incerta* Tamanini, 1958b: 362, 384. HT: ♂, IT, Lucania, Nova Siri; MCRI.

Carpocoris mediterraneus f. *maculosa* Tamanini, 1958b: 362, 384. HT: ♂, AL, Petrela; MCRI.

Distr. EU: AL BU CR ET FR GR HU IT MA MC MD RO RU (ST: Caucasus) SK SL SP UK YU. **NA:** AG EG MO. **AS:** AB AR AT CY GG IN IQ IS JO LE SI SY TM. **EL:** Ethiopia.

Ref.: Derzhansky, 1990 (fig., key); Ribes, 1965a (fig., key).

Note: The record from CI needs to be confirmed (see Heiss & Ribes, 1992: 93).

***Carpocoris mediterraneus atlanticus* Tamanini, 1958**

Carpocoris mediterraneus atlanticus Tamanini, 1958b: 366. HT: ♂, MO, Tetuan; MSNM.

Carpocoris mediterraneus atlanticus f. *maculifera* Tamanini, 1958b: 366, 384 (unavailable as quadrinomen). HT: AG, Tlemcen; MCRI.

Carpocoris mediterraneus atlanticus f. *atra* Tamanini, 1959a: 129 (unavailable as quadrinomen). HT: MO; NHMW.

Distr. EU: FR GB IT MA PO SP. **NA:** AG MO TU.

Ref.: Ribes, 1965a (fig., key).

***Carpocoris melanocerus* (Mulsant & Rey, 1852)**

Pentatoma melanocera Mulsant & Rey, 1852: 109. STS: FR, Isère (Grande Chartreuse) and Savoie (Chamonix).

Carpocoris melanocera f. *nigrina* Tamanini, 1958b: 381, 383. HT: IT, Passo Strevia; MCRI.

Distr. EU: AL AU BE BH BU CR FR GE IT LS MC PL PO RO RU (ST: Caucasus) SK SL SP SV UK? YU. **NA:** AG. **AS:** AB AF AR AT GG.

Ref.: Derzhansky, 1990 (fig., key); Nuamah, 1982 (chrom.); Ribes, 1965a (fig., key); Tamanini, 1959a (tax.).

***Carpocoris pudicus* (Poda, 1761)**

Cimex pudicus Poda, 1761: 56. ST(S): AU, Graz; lost. NT (Tamanini, 1958b: 375): ♂, AU, Styria, Peggau; MSNV.

Cimex cinctus Schrank, 1776: 78 (junior primary homonym of *Cimex cinctus* Fabricius, 1775; syn.Kirkaldy, 1909b: 56, suspected; Tamanini, 1958b: 371). ST(S): AU; lost.

Cimex incarnatus Goeze, 1778: 274. (junior primary homonym of *Cimex incarnatus* Drury, 1773; syn. Schrank, 1801: 78; Tamanini, 1958b: 371; see also Kerzhner, 2005: 74). For pl. 57 fig. 3 in Schaeffer, 1766. ST(S): GE, nr Regensburg; lost.

Cimex carneus Gmelin, 1790: 2134. Objective synonym of *incarnatus* Goeze, 1778.

Pentatoma wilkinsonii Westwood, 1837: 35 (syn. Tamanini, 1958b: 371). ST(S): EG;

OXUM.

?*Pentatoma pallida* Dallas, 1851a: 234 (syn. Tamanini, 1958b: 371). ST(S): ♀, N India; BMNH.

Carpocoris pudicus f. *humeralis*: Kormilev, 1936: 36. Nomen nudum.

Carpocoris pudicus var. *atroscutellatus* Halászfy, 1955b: 368. HT: ♀, HU, Nova; HNHN.

Carpocoris pudicus f. *nigromaculata* Tamanini, 1958b: 375. STS: IT, Rovereto and Trento; MCRI, MSNV. Specimen labelled HT in MCRI (Martinelli, 2000: 203).

Carpocoris pudicus f. *obscurata* Tamanini, 1958b: 375. STS: IT (Lombardia: Sondrio; Trentino: Cavedine, Avio; Friuli: S. Gabriele del Friuli); MCRI, MSNV. Specimen labelled HT in MCRI (Martinelli, 2000: 203).

Carpocoris pudicus ab. *humeralis* Halászfy, 1959: 63 (unavailable name). STS: HU and CR; HMNH.

Carpocoris pudicus f. *stigmata* Stichel, 1961: 591 (unavailable name). ST(S): YU.

Distr. EU: AL AU BH BU CR CZ ET FR GE GR HU IT MC MD RO RU (ST) SK SL SZ UK YU. **NA:** EG. **AS:** AB AR AT CY GG IN IQ LE SY.

Ref.: Candan & Suludere, 1999a (egg); Derzhansky, 1990 (fig., key); Hinton, 1981 egg; Polivanova, 1956 (larva); Putshkova, 1961 (egg).

***Carpocoris purpureipennis* (De Geer, 1773)**

Cimex purpureipennis De Geer, 1773: 258. STS: ♂, ♀, SV?; NHRS.

Cimex nigricornis Fabricius, 1775: 701 (syn. Fallén, 1807: 47). STS: GE, “Saxonia”; ZMUC.

Cimex porphyropterus Gmelin, 1790: 2147. New name for *purpureipennis* De Geer, 1773.

Carpocoris (*Codophila*) *tarsata* Mulsant & Rey, 1866: 246 (syn. Puton, 1881a: 76, with *nigricornis*). ST(S): FR.

Carpocoris nigricornis var. *pyrosoma* Westhoff, 1884: 44. ST(S): GE, Münster; lost.

Carpocoris purpuripennis [sic] var. *sexmaculatus* Péneau, 1921: 56. ST(S): FR, Île de Ré; lost?

Carpocoris pudicus f. *fumarius* Stichel, 1924: 202 (syn. Tamanini, 1958b: 343). ST(S): GE, Spandau nr Berlin; lost.

Carpocoris purpureipennis f. *maculata* Tamanini, 1958b: 348, 384. STS: IT, Toscana, Firenze; MCRI, MSNM, MSNV. Specimen labelled HT in MCRI (Martinelli, 2000: 203).

Carpocoris purpureipennis f. *japonensis* Tamanini, 1959a: 126. HT: ♂, JA, Honshu, Masutomi Kai; MCRI.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG LB MO. **AS:** AB AK AR AT CH (NE NO NW) CY GG IN IS JA KI KO MG RU (ES FE WS) SY UZ. **EL:** Pakistan.

Ref.: Derzhansky, 1990 (fig., key); Muramoto, 1982 (chrom.); Ren, 1992c (egg).

Subgenus *Manciurocoris* Tamanini, 1959

Manciurocoris Tamanini, 1959b: 34 (as subgenus of *Carpocoris*). Type species by original designation: *Carpocoris seidenstueckeri* Tamanini, 1959.

Ref.: Derzhansky, 1990 (key).

***Carpocoris seidenstueckeri* Tamanini, 1959**

Carpocoris (*Manciurocoris*) *seidenstueckeri* Tamanini, 1959b: 35. HT: ♂, CH (NE), Heilongjiang, Harbin; ZSMC?

Distr. AS: CH (NE NO) KO MG RU (ES FE).
Ref.: Derzhansky, 1990 (fig., key).

Genus *Cellobius* Jakovlev, 1885

Cellobius Jakovlev, 1885a: 116. Type species by monotypy: *Cellobius abdominalis* Jakovlev, 1885.

Ref.: Ribes & Schmitz, 1992 (descr., key, tax.).

***Cellobius abdominalis* Jakovlev, 1885**

Cellobius abdominalis Jakovlev, 1885a: 117. LT (Kerzhner, 1976: 83): ♀, TM, Ashkhabad; ZMAS.

Cellobius abdominalis var. *ferrugatus* Horváth, 1889b: 174. ST(S): ♂, TM, Altmerw [= Bairam-Ali]; HNHN.

Brachynema ruficorne Reuter, 1900c: 235 (syn. Kiritshenko, 1912b: 204). ST(S): ♀, UZ, Syr Darya; MZHF.

Cellobius gentilis Jakovlev, 1901b: 34 (syn. Kerzhner, 1976: 83). LT (Kerzhner, 1976: 84): ♀, CH (NW), Bugas, nr Hami; ZMAS.

Distr. AS: AF AK CH (NO NW) MG TD TM UZ.

Ref.: Isakov, 1990 (egg, larva).

Genus *Chalazonotum* Ribes & Schmitz, 1992

Chalazonotum Ribes & Schmitz, 1992: 154. Type species by original designation: *Brachynema ishiharai* Linnavuori, 1961.

***Chalazonotum ishiharai* (Linnavuori, 1961)**

Brachynema ishiharai Linnavuori, 1961b: 85. HT: ♂, JA, Kohotoke nr Tokyo; AMNH.

Distr. AS: JA KO.

Ref.: Kobayashi, 1965b, 1994 (egg, larva); Miyamoto & Hidaka, 1965 (fig.); Ribes & Schmitz, 1992 (descr., fig.).

Genus *Chlorochroa* Stål, 1872

Chlorochroa Stål, 1872c: 33 (as subgenus of *Lioderma*; upgraded by Distant, 1880c: 63). Type species by subsequent designation (Kirkaldy, 1909b: 53): *Pentatoma ligata* Say, 1831, Nearctic Region.

Pitedia Reuter, 1888a: 124 (in binomen *Pitedia juniperina*; syn. Bergroth, 1890b: lxvi).

Type species by monotypy: *Cimex juniperinus* Linnaeus, 1758.

Extralimital subgenus: *Chlorochroa* Stål, 1872, North America.

Ref.: Thomas, 1983 (tax.).

Note: The nomenclatural history of this genus has been long and confusing; Thomas (1983) has presented a summary of the various names used, and evidence for using *Chlorochroa* as the valid name for this genus.

Subgenus *Rhytidolomia* Stål, 1872

Lioderma Uhler, 1871: 97 (junior homonym of *Lioderma* Marseul, 1857, Coleoptera).

Type species by subsequent designation (Kirkaldy, 1909b: 53): *Pentatomia saucia* Say, 1832, Nearctic Region.

Rhytidolomia Stål, 1872c: 33 (as subgenus of *Lioderma*; upgraded by Kirkaldy, 1900b:

240). Type species by subsequent designation (Kirkaldy, 1909b: 52): *Pentatoma senilis* Say, 1831, Nearctic Region.

Liodermion Kirkaldy, 1904: 280. New name for *Lioderma* Uhler, 1871.

Ref.: Thomas, 1983 (tax.).

Note: Thomas (1983) indicated that based upon male genitalia, *juniperina* and *pinicola* belong in the subgenus *Rhytidolomia*; he did not have males of *reuteriana*, so placement in *Rhytidolomia* is tentative until male specimens can be examined.

***Chlorochroa juniperina juniperina* (Linnaeus, 1758)**

Cimex juniperinus Linnaeus, 1758: 445. ST(S); LSUK?

Cimex flavoviridis Goeze, 1778: 274 (syn. Harrer, 1784: 299). For pl. 109 figs. 8, 9 in Schaeffer, 1769. ST(S): GE, nr Regensburg; lost.

Cimex tricolor Gmelin, 1790: 2160 (junior primary homonym of *Cimex tricolor* Fabricius, 1787; syn. Dolling et al., 1999: 130). For *Cimex* no. 91 in Zschach, 1788: 119. ST(S): EU; lost.

Cimex unicolor Turton, 1802: 654 (junior primary homonym of *Cimex unicolor* Gmelin, 1790). New name for *tricolor* Gmelin, 1790.

Pentatoma confusa Westwood, 1837: 9 (primary homonym of *Pentatoma confusa* Westwood, 1837: 8). For *Cimex juniperinus* sensu Fabricius.

Distr. EU: AL AU BE BH BU BY CR CZ DE GB? EN FI FR GE GR HU IT LA LT LU MC NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG.

AS: AB AK AR AT CH (NO) GG KO MG RU (ES FE WS).

Ref.: Halászfy, 1958 (larva); Nuamah, 1982 (chrom.).

***Chlorochroa juniperina orientalis* (Kerzhner, 1981)**

Pitedia juniperina orientalis Kerzhner, 1981: 9. HT: ♂, RU (FE), Primorsk Terr., Partizansk Distr., Station Fanza [= Ruch'i]; ZMAS.

Distr. AS: RU (FE).

Ref.: Ren, 1992c (egg).

***Chlorochroa pinicola* (Mulsant & Rey, 1852)**

Pentatoma pinicola Mulsant & Rey, 1852: 89. ST(S): FR, Dept Rhone; MNHN.

Pentatoma juniperinus var. *longirostris* Flor, 1856: 55 (junior primary homonym of *Pentatoma longirostris* Dallas, 1851; syn. Flor, 1861: 578). ST(S): ♂, ♀, LA, Lodenhof [= Lode] and Dubbeln [= Jūrmala]; IZBE.

Pentatoma macrorhampha Fieber, 1861: 336 (syn. Puton, 1875: 21). ST(S): ♂, EU (south); MNHN.

Pentatoma porphyrea Fieber, 1864a: 334 (syn. Reuter, 1902: 146). ST(S): ♀, AT, Amasia; NHMW.

Pentatoma planiuscula Reuter, 1875a: 328 (syn. Reuter, 1880: 129). STS: ♂, ♀, FI, former Prov. Ostrobothnia and nr Abo [= Turku]; MZHF.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GE HU IT LA LT LU NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AK AT GG RU (ES WS).

Ref.: Hinton, 1981 (egg); Putshkova, 1961 (egg).

***Chlorochroa reuteriana* (Kirkaldy, 1909)**

Pentatoma rubromarginata Reuter, 1881c: 156 (junior secondary homonym of *Cimex rubromarginatus* Kushakevitch, 1866). ST(S): SP; ZMHB.

Rhytidolomia (*Chlorochroa*) *reuteriana* Kirkaldy, 1909b: 54. New name for *rubromarginata* Reuter, 1881.

Distr. EU: FR PO SP.

Genus *Chroantha* Stål, 1872

Chroantha Stål, 1872c: 38. Type species by monotypy: *Cimex ornatulus* Herrich-Schaeffer, 1842.

Poecilocoris Jakovlev, 1877a: 81 (syn. Reuter, 1885c: 158; see note). Type species by monotypy: *Poecilocoris scitulus* Jakovlev, 1877 (= *Cimex ornatulus* Herrich-Schaeffer, 1842).

Ref.: Ribes & Schmitz, 1992 (key).

Note: Reuter (1885c) synonymized the types of *Chroantha* and *Poecilocoris*, thus effectively synonymizing the two genera.

***Chroantha ornatula* (Herrich-Schaeffer, 1842)**

Cimex ornatulus Herrich-Schaeffer, 1842: 93. ST(S): EG; lost.

Cimex notatus Klug, 1845: sign. *d* (name in legend is *Cimex ornatulus* Herrich-Schaeffer; junior primary homonym of *Cimex notatus* Poda, 1761). New name for *ornatulus* Herrich-Schaeffer, 1842.

Pentatoma humerosa Dallas, 1851a: 240 (syn. Stål, 1863a: 497, with *notatus*). ST(S): ♀, locality unknown; BMNH.

Poecilocoris scitulus Jakovlev, 1877a: 83 (syn. Reuter, 1885c: 158). LT (Derzhansky et al., 2002: 370): ♂, IN, Shahrud; ZMAS.

Chroantha? hataska Kirkaldy, 1899a: 47 (syn. Distant, 1903b: 480). ST(S): YE, Abd al-Kuri; BMNH.

Distr. EU: GR IT MA PO RU (ST) SP. **NA:** AF CI EG LB MO TU. **AS:** AB AF AT CY IN IQ IS JO KU QA SA SI SY TD TM UZ YE. **EL:** Sudan.

Ref.: Servadei, 1964 (spermatheca).

Genus *Cnephosa* Jakovlev, 1880

Cnephosa Jakovlev, 1880a: 210. Type species by monotypy: *Cnephosa flavomarginata* Jakovlev, 1880.

Ref.: Safavi, 1979 (key).

***Cnephosa flavomarginata* Jakovlev, 1880**

Cnephosa flavomarginata Jakovlev, 1880a: 211. LT (Derzhansky et al., 2002: 367): ♀, IN, Shahrud; ZMAS.

Distr. AS: AB AR AT IN.

Ref.: Kiritshenko, 1938b (fig.); Polivanova, 1964 (larva).

Genus *Codophila* Mulsant & Rey, 1866

Codophila Mulsant & Rey, 1866: 242 (as subgenus of *Carpocoris*; upgraded by Stål, 1872b: 38). Type species by subsequent designation (Kirkaldy, 1909b: 57): *Cimex lunula* Fabricius, 1794 (= *Cimex varius* Fabricius, 1787).

Ref.: Ribes & Schmitz, 1992 (key); Tamanini, 1959a (tax.).

Note: Distant (1902a: 158) erroneously chose *varius* as the type species; *varius* was not originally included in *Codophila* by Mulsant & Rey, but it is (and was at that time) a senior synonym of *Cimex lunula* Fabricius, 1794; Kirkaldy (1909b: xxix) repeated Distant's type designation, but later in the same publication (1909b: 57) correctly indicated that *C. lunula* should be the generic type.

***Codophila maculicollis* (Dallas, 1851)**

Pentatoma maculicollis Dallas, 1851a: 234. ST(S): ♀, N India; BMNH.

Pentatoma arabica Stål, 1854a: 233 (syn. Stål, 1863a: 497). ST(S): “Arabia petraea”, [= IS, JO or SI]; NHRS.

Distr. NA: AG EG LB TU. **AS:** AF CH (NW)? IN IS JO SA SI SY. **EL:** Ethiopia, India, Sudan.

***Codophila varia varia* (Fabricius, 1787)**

Cimex varius Fabricius, 1787: 284. ST(S): SP; ZMUC.

Cimex lunula Fabricius, 1794: 96 (syn. Fieber, 1861: 335). ST(S): Barbaria
[= northwest Africa]; ZMUC [labelled *lunulatus*].

Cimex eryngii Germar in Ahrens, 1814: pl. 21 and legend (junior primary homonym of
Cimex eryngii Geoffroy, 1785; syn. Herrich-Schaeffer, 1835a: 93). STS: CR,
Dalmatia;
ZMHB, ZMUL.

Carpocoris bilunulata Kolenati, 1846b: 51 (syn. Herrich-Schaeffer, 1853b: 155, with
eryngii; Fieber, 1861: 335). LT (Kerzhner, 2003b: 97): ♂, AB, Elisabethopol
[= Ganja]; NHMW.

Carpocoris bilunulata var. *persica* Kolenati, 1846b: 51 (syn. Fieber, 1861: 335). LT
(Kerzhner, 2003b: 97): ♂, AB, Elisabethopol [= Ganja]; NHMW.

Carpocoris bilunulata var. *nubica* Kolenati, 1846b: 51 (syn. Fieber, 1861: 335). LT
(Kerzhner, 2003b: 97): ♂, EG or Sudan, Nubia; NHMW.

Pentatoma laborans A. Costa, 1847: 20 (syn. Puton, 1875: 13, with *lunula*). ST(S): ♀,
IT, nr Naples; ZIUN?

Pentatoma distinguenda A. Costa, 1847: 21 (syn. Puton, 1875: 13, with *lunula*).
ST(S): ♂, IT, nr Naples; ZIUN?

Codophila varia f. *mancinii* Tamanini, 1961a: 600 (unavailable name). HT: IS
("Palästina"); MCSN.

Distr. EU: AL BH BU CR ET FR GR HU IT MA MC MD PL PO RO RU (ST) SP SZ
UK YU. **NA:** AG CI EG LB MO TU. **AS:** AB AF AK AR AT CY GG IN IQ IS JO
KI SY TD TM UZ.

Ref.: Candan et al., 2001 (egg); Hinton, 1981 (egg); Nuamah, 1982 (chrom.);
Polivanova, 1956, 1964 (larva); Putshkova, 1961 (egg).

***Codophila varia longicornis* Fuente, 1972**

Codophila varia longicornis Fuente, 1972b: 106. HT: ♂, SP, Madrid; Universidad
Complutense, Madrid, SP.

Distr. EU: SP.

Genus *Dolycoris* Mulsant & Rey, 1866

Dolycoris Mulsant & Rey, 1866: 258 (as subgenus of *Carpocoris*; upgraded by Stål,
1872b: 38). Type species by monotypy: *Cimex verbasci* De Geer, 1773 (= *Cimex*
baccarum Linnaeus, 1758).

***Dolycoris baccarum* (Linnaeus, 1758)**

Cimex baccarum Linnaeus, 1758: 445. ST(S): EU; LSUK?

Cimex verbasci De Geer, 1773: 257. New name for *baccarum* Linnaeus, 1758.

Cimex subater Harris, 1780: 90 (syn. Stephens, 1829: 339). ST(S): GB; lost.

Cimex albidus Gmelin, 1790: 2161 (junior primary homonym of *Cimex albidus*
Thunberg, 1784; syn. Reuter, 1888a: 122). For *Cimex* no. 93 in Zschach, 1788: 119.
ST(S): EU; lost.

Aelia depressa Westwood, 1837: 32 (syn. Baerensprung, 1860: 4, with *verbasci*).
ST(S): India, Cuna [= Coonoor]; OXUM.

Pentatoma confusa Westwood, 1837: 8 (primary homonym of *Pentatoma confusa*
Westwood, 1837: 9). For *Cimex baccarum* sensu Fabricius.

Pentatoma inconcisa Walker, 1867a: 301 (syn. Distant, 1899b: 436). HT: India,
Hindostan; BMNH.

Dolycoris baccarum var. *brevipilis* Reuter, 1891a: 202. STS: RU (ES), Minusinsk,

Irkutsk and Transbaikalia; MZHF.

Dolycoris baccarum var. *japonicum* Furukawa, 1930: 54. Nomen nudum.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IR IT LA LS LT LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG MR. **AS:** AB AK AR AT CH (CE NE NO NW SE SW WP) CY GG IN IQ IS JA JO KO LE MG RU (ES FE WS) SI SY. **EL:** India, Pakistan.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Jordan, 1958b (stridulation); Kobayashi, 1953 (larva); Muramoto, 1973, 1980, 1982 (chrom.); Nuamah, 1982 (chrom.); Polivanova, 1956, 1964 (larva); Putshkova, 1961 (egg); Remane & Kammerschen, 1991 (tax.); Ren, 1992c (egg); Ren et al., 1990 (egg).

Note: For quite some time, this species was confused with *Carpocoris fuscispinus*. During the mid to late 1800's, and even into the early 1900's, many authors referred to this species as *verbasci*, many of the citations to *baccarum* by these same authors probably refer to *Carpocoris fuscispinus*. The record from CI needs to be confirmed (Remane & Kammerschen, 1991).

***Dolycoris formosanus* Distant, 1887**

Dolycoris formosana Distant, 1887: 345. ST(S): TA; BMNH.

Distr. AS: TA.

***Dolycoris indicus* Stål, 1876**

Dolycoris indicus Stål, 1876: 76. STS: ♀ India, Dekan, Darjeeling; NHRS.

Distr. AS: AF CH (SE SW WP). **EL:** Oriental Region.

Ref.: Nuamah, 1982 (chrom.); L.Y. Zheng, 1983a (tax.).

***Dolycoris numidicus* Horváth, 1907**

Dolycoris numidicus Horváth, 1907a: 296. STS: ♂, ♀, AG (Tlemcen, St. Charles, Tarfaia, Méchéria, Aïn-Sefra, Géryville, Saida, Perrégaux, Tiaret, El-Achir, Oued Djedi) and TU (Tunis, Gabès, Djebel Atig, Bizerta); HNHM, MNHN.

Distr. NA: AG CI EG LB MR MO TU.

Ref.: Remane & Kammerschen, 1991 (distr., tax.); Tamanini, 1959c (descr., fig., tax.).

***Dolycoris penicillatus* Horváth, 1904**

Dolycoris penicillatus Horváth, 1904b: 580. STS: ♂, KI (Temirlik, Przhevalsk), TM (Ashkhabad) and UZ (nr Tashkent); HNHM.

Distr. AS: AF AK CH (NW WP) IN KI TD TM UZ.

Ref.: Tamanini, 1959c (descr., fig., tax.); L.Y. Zheng, 1983 (tax.).

Genus *Eudolycoris* Tamanini, 1959

Eudolycoris Tamanini, 1959c: 76. Type species by original designation: *Carpocoris alluaudi* Noualhier, 1893.

Ref.: Ribes & Schmitz, 1992 (key).

***Eudolycoris alluaudi* (Noualhier, 1893)**

Carpocoris alluaudi Noualhier, 1893: 7. ST(S): CI, Barranco de Suaje; MNHN.

Distr. NA: CI.

Ref.: Lindberg, 1936 (fig.); Tamanini, 1959c (descr., fig., tax.).

Genus *Gomphocranum* Jakovlev, 1877

Gomphocranum Jakovlev, 1877a: 79. Type species by monotypy: *Gomphocranum christophi* Jakovlev, 1877.

***Gomphocranum adad* Linnavuori, 1984**

Gomphocranum adad Linnavuori, 1984: 8. HT: ♂, IQ, Sulaymaniya nr Penjwin; NMWC.

Distr. AS: IQ.

***Gomphocranum anu* Linnavuori, 1984**

Gomphocranum anu Linnavuori, 1984: 8. HT: ♂, IQ, Ninawa, Al Qosh; AMNH.

Distr. AS: IQ.

***Gomphocranum christophi* Jakovlev, 1877**

Gomphocranum christophi Jakovlev, 1877a: 81. LT (Derzhansky et al., 2002: 367): IN, Shahrud; ZMAS.

Distr. AS: AF IN IQ IS SY.

Ref.: Linnavuori, 1984 (descr., fig., key).

Genus *Holcogaster* Fieber, 1860

Holcogaster Fieber, 1860: 80. Type species by subsequent monotypy (Fieber, 1861: 337):

Pentatoma fibulatum Germar, 1831.

Aulacetrus Mulsant & Rey, 1866: 190 (syn Puton, 1869: 6). Type species by monotypy:

Pentatoma fibulatum Germar, 1831.

Ref.: Seabra, 1926a (descr., key); Wagner, 1955c, 1964b (tax.).

Note: *Aulacetrus* was first proposed by Amyot (1845) in his rejected monomial publication; Mulsant & Rey were the first to use the name properly, but by then Fieber's name, *Holcogaster*, had priority.

***Holcogaster exilis* Horváth, 1903**

Holcogaster fibulata var. *exilis* Horváth, 1903b: 406 (upgraded by Wagner, 1955c: 81).

STS: ♂, ♀, AG (Ain Sefra, Méchéria), GR (Taygetos) and TU; HNHM, MNHN.

Holcogaster fibulata meridionalis Seabra, 1924: 13 (syn. Wagner, 1955c: 82). STS:

PO, Mata da Trafaria and São Martinho de Anta; Museo Zoologico, Universidade de Coimbra, PO?

Holcogaster fibulata (non Germar, 1831): Bodenheimer, 1937: 200. Misidentification (see Linnavuori, 1960: 17).

Distr. EU: AL BU CR GR IT MC PO SP. **NA:** AG LB MO TU. **AS:** AT CY IQ IS SY.

***Holcogaster fibulata* (Germar, 1831)**

Pentatoma fibulatum Germar, 1831: pl. 10 and legend. ST(S): FR, Monspelia [= Montpellier]; ZMUL.

Distr. EU: AL CR FR GR IT PO SP SZ. **NA:** AG MO TU.

***Holcogaster longicornis* Wagner, 1955**

Holcogaster fibulata (non Germar, 1831): Lindberg, 1936: 21; 1953: 42.

Misidentification (see Heiss & Baez, 1990: 303; Lindberg, 1960: 4).

Holcogaster longicornis Wagner, 1955c: 82. HT: CI, Tenerife, Fuente Fria; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).

Distr. NA: CI.

Ref.: Wagner, 1964b (fig., key).

***Holcogaster weberi* Wagner, 1964**

Holcogaster weberi Wagner, 1964b: 56. HT (see Aukema & Kerzhner, 2005: 70): ♂, SP, Menorca, Son Bou; ZMUH.

Distr. EU: SP.

Ref.: Ribes, 1965a (descr.).

Genus *Holcostethus* Fieber, 1860

Holcostethus Fieber, 1860: 79; 1861: 333. Type species by subsequent designation (Kirkaldy, 1909b: xxix): *Cimex sphacelatus* Fabricius, 1794.

Peribalus Mulsant & Rey, 1866: 262 (syn. Kirkaldy, 1909b: 47). Type species by subsequent designation (Reuer, 1888: 411): *Cimex vernalis* Wolff, 1804.

Dryocoris Mulsant & Rey, 1866: 267. New name for *Holcostethus* Fieber, 1860.

Ref.: China, 1943 (tax.); Jakovlev, 1902d (tax.); Ribes & Schmitz, 1992 (key); Rider & Rolston, 1995 (tax.).

***Holcostethus albipes* (Fabricius, 1781)**

Cimex albipes Fabricius, 1781: 345. ST(S): IT; ZMUC.

Holcostethus congener Fieber, 1861: 334 (syn. Stål, 1868a: 29). ST(S): IT; MNHN.

Distr. EU: AL BH CR FR GR IT MA SL SP YU. **NA:** AG MO. **AS:** AT SY.

***Holcostethus breviceps* (Horváth, 1897)**

Peribalus breviceps Horváth, 1897a: 81. ST(S): ♀, RU (FE), Khabarovsk Terr., Raddefka [= Radde]; HNHM.

Distr. AS: CH (NE) JA RU (FE).

***Holcostethus capitatus* (Jakovlev, 1889)**

Peribalus capitatus Jakovlev, 1889b: 236. LT (Kerzhner, 1976: 82): ♀, CH (NW), Xinjiang, oasis of Niya [= Minfeng] and Keriya [= Yutian]; ZMAS.

Peribalus peltatus Jakovlev, 1894: 134 (syn. Kerzhner, 1976: 82) HT: ♀, TM, Ashkhabad; ZMAS.

Peribalus vernalis var. *stramineus* Horváth, 1895c: 222 (syn. Kerzhner, 1976: 82) ST(S): ♀, UZ, Tashkent; HNHM.

Peribalus pallescens Jakovlev, 1902d: 159 (syn. Kerzhner, 1976: 82). LT (Kerzhner, 1976: 82): ♀, CH (NW), Gansu, oasis of Sadzhou [= Dunhuang]; ZMAS.

Distr. AS: AF AK CH (NW) IN KI MG TD TM UZ.

***Holcostethus classeyi* V.G. Putshkov, 1965**

Holcostethus classeyi V.G. Putshkov, 1965: 239; Hoberlandt, 1984: 103. LT (Hoberlandt, 1984: 104, as HT): ♂, AF, Nuristan, Bashgul Valley; NMPC.

Distr. AS: AF TD.

***Holcostethus congenitus* V.G. Putshkov, 1965**

Holcostethus congenitus V.G. Putshkov, 1965: 243. LT (Derzhansky et al., 2002: 367): ♂, AB, Nakhichevan Rep., Chananab nr Ordubad; ZMAS.

Distr. EU: BU. **AS:** AB AR IN IQ.

Ref.: Gidayatov, 1982 (key); Linnavuori, 1993b (fig.).

***Holcostethus evae* Ribes, 1988**

Holcostethus evae Ribes, 1988: 142. HT: ♂, SP, Pallars Jussà, Espui; MZBS.

Distr. EU: FR SP.

***Holcostethus fissiceps* (Horváth, 1906)**

Peribalus fissiceps Horváth, 1906b: 180. ST(S): ♀, AT, Illany-Dagy [= Yilanli-Dagh], nr Kaisaria [= Kayseri]; HNHM.

Distr. AS: AT.

Ref.: Seidenstücker, 1975 (descr., fig.).

***Holcostethus hoberlandti* Lodos & Önder, 1980**

Holcostethus hoberlandti Lodos & Önder, 1980: 9. HT: ♂, AT, Mt Kop; EUIT.

Distr. AS: AT.

***Holcostethus inclusus* (Dohrn, 1860)**

Pentatoma inclusa Dohrn, 1860b: 103. STS: RU (ST), Sarepta [= Kranoarmeysk nr Volgograd]; ZMPA, ZMHB.

Distr. EU: EK RU (CT ST) UK. **AS:** AB AK AR AT IN RU (WS).

Ref.: Gidayatov, 1982 (key); Lodos & Önder, 1980 (fig.); Seidenstücker, 1975 (fig.).

***Holcostethus lodosi* Ahmad, Zaidi & Kamaluddin, 1986**

Holcostethus lodosi Ahmad et al., 1986: 9. HT: ♂, IQ, Mosul, Alkhat; NaturalHistory Museum, University of Karachi, Pakistan.

Distr. AS: IQ.

***Holcostethus manifestus* Kiritshenko, 1952**

Holcostethus manifestus Kiritshenko, 1952: 156. LT (Derzhansky et al., 2002: 368): ♂, TD, Kvak; ZMAS.

Distr. AS: KI TD.

***Holcostethus nitidus* (Kiritshenko, 1914)**

Peribalus nitidus Kiritshenko, 1914d: 184. LT (Derzhansky et al., 2002: 369): ♂, UZ, Samarkand, Chapan-ata; ZMAS.

Distr. AS: AF TD UZ.

Ref.: Hoberlandt, 1961 (genitalia).

***Holcostethus ovatus* (Jakovlev, 1889)**

Peribalus ovatus Jakovlev, 1889d: 319. HT: ♀, RU (ES), Krasnoyarsk; ZMAS.

Peribalus pallidicornis Reuter, 1913: 16 (syn. Kerzhner, 1972a: 368). HT: ♂, RU (ES), Ust-Vilui, Lena River; MZHF.

Distr. AS: CH (NO) MG RU (ES FE WS).

***Holcostethus sphacelatus* (Fabricius, 1794)**

Cimex sphacelatus Fabricius, 1794: 120. ST(S): GE; lost.

Pentatoma annulata Mulsant & Rey, 1852: 86 (syn. Mulsant & Rey, 1866: 267). ST(S): FR, Lyon.

Peribalus sphacelatus var. *suboblongus* Rey, 1887b: 2. ST(S): FR, Provence, Collioure; MNHL.

Peribalus sphacelatus var. *roseus* Cerutti, 1937: 168. LT (Dethier, 1974: 668): ♀, SZ, Sion; MZLS.

Distr. EU: AL AU BE BH BU CR CZ FR GE GR HU IT LS LU MC NL PL PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG MO.

Ref.: Halászfy, 1958 (larva); Seidenstücker, 1975 (descr., fig.); Tamanini, 1981 (descr., fig.).

***Holcostethus strictus strictus* (Fabricius, 1803)**

Cimex strictus Fabricius, 1803: 179. STS: MO, Tanger; ZMUC.

Cimex distinctus Fieber, 1861: 339 (junior primary homonym of *Cimex distinctus* Gmelin, 1790; syn. Puton, 1881b: 57). ST(S): FR, Corsica; MNHN.

Peribalus distinctus var. *immaculicornis* Rey, 1887b: 2. ST(S): FR?; MNHL.

Peribalus dispar Halászfy, 1959: 58; 1961: 497 (syn. Josifov, 1986a: 90). HT: ♂, CR, Martinšćica, Adriatic coast; HNHN.

Distr. EU: AL BH BU CR FR GR IT MC PO RO SL SP YU. **NA:** AG LB MO TU.

AS: AT CY IN IQ IS SY.

Note: Records from AR and GG (Lindberg, 1959b) are erroneous.

***Holcostethus strictus vernalis* (Wolff, 1804)**

Cimex vernalis Wolff, 1804: 140 (downgraded to subspecies by Josifov, 1986a: 90).

STS: EU; lost.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT
LA LS LT LU MC NL NR PL PO RO RU (CT NT ST) SK SL SV SZ UK YU.

NA: AG MR. **AS:** AB AK AR AT CH (NE NO WP) CY GG IN IQ IS JO KI MG
RU (ES FE WS) SY. **EL:** Pakistan.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Polivanova, 1964 (larva); V.G.

Putshkov & Putshkova, 1956 (egg, larva); Putshkova, 1961 (larva).

Note: *Holcostethus strictus* and *H. vernalis* have been considered to be two separate species until recently. Josifov (1986a) treated them as subspecies; he has been followed in doing so by Lis (1990c). Many other recent workers have continued to recognize *H. vernalis* as a separate species, but all of these have been in lists or simple records of distribution; no one has as of yet refuted Josifov's treatment. The record from CI needs to be confirmed (see Heiss & Ribes, 1992: 93).

Genus *Massocephalus* Dallas, 1851

Massocephalus Dallas, 1851a: 230. Type species by monotypy: *Massocephalus maculatus* Dallas, 1851.

***Massocephalus maculatus* Dallas, 1851**

Massocephalus maculatus Dallas, 1851a: 231. ST(S): ♂, Philippines; BMNH.

Distr. AS: JA (Okinawa)? **EL:** Philippines.

Ref.: Matsumura, 1905b (distr.); Takara, 1957 (distr.).

Genus *Mimula* Jakovlev, 1889

Mimula Jakovlev, 1889d: 320. Type species by subsequent designation (Kirkaldy, 1909b: xxix): *Mimula nigrita* Jakovlev, 1889.

Mimocoris Jakovlev, 1902e: 275 (junior homonym of *Mimocoris* Scott, 1872, Miridae).
New name for *Mimula* Jakovlev, 1889.

Mimulocoris Jakovlev, 1902f: 376. New name for *Mimocoris* Jakovlev, 1902.

Ref.: Belousova, 1997 (rev.).

Note: Jakovlev (1902e) apparently believed *Mimula* Jakovlev, 1889 to be a junior homonym of *Mimulus* Stimpson, 1860, Crustacea, when he proposed *Mimocoris* as a replacement name.

Subgenus *Agatharchoides* Belousova, 1997

Agatharchoides Belousova, 1997: 845 (as subgenus of *Mimula*). Type species by original designation: *Mimula kiritshenkoi* Belousova, 1997.

***Mimula arnoldii* Belousova, 1997**

Mimula arnoldii Belousova, 1997: 848. HT: ♂, UZ, Hissar Range, above Pasra;
ZMAS.

Distr. AS: UZ.

Ref.: Belousova, 2000 (fig.)

***Mimula kiritshenkoi* Belousova, 1997**

Mimula anzobica Kiritshenko, 1964: 91. Nomen nudum.

Mimula kiritshenkoi Belousova, 1997: 848. HT: ♂, TD, Hissar Range, Anzob Pass;

ZMAS.
Distr. AS: TD.

Subgenus *Mimula* Jakovlev, 1889

***Mimula alata* Kiritschenko, 1931**

Mimula alata Kiritschenko, 1931b: 99. HT: ♂, AK, Dzhambul Prov., Talas Ala-Tau Range, Kuyandi-Su River; ZMAS.

Distr. AS: AK.

***Mimula anthracina* (Kiritschenko, 1914)**

Mimulocoris anthracinus Kiritschenko, 1914d: 185. LT (Belousova, 1997: 855): ♂, TD, Darvaz Range, Viskharvi Pass; ZMAS.

Distr. AS: TD.

***Mimula dungana* (Kiritschenko, 1912)**

Mimulocoris dungana Kiritschenko, 1912a: 379. LT (Belousova, 1997: 851): ♂, AK, Dzhambul Prov., Alexandr [= Kirgiz] Range, Makbal Pass; ZMAS.

Distr. AS: AK CH (NW) KI UZ.

***Mimula hohlbecki* (Kiritschenko, 1912)**

Mimulocoris hohlbecki Kiritschenko, 1912a: 380. LT (Belousova, 1997: 855): ♂, TD, Zeravshan Range, Laudan Pass; ZMAS.

Distr. AS: TD.

***Mimula maureri* Jakovlev, 1889**

Mimula maureri Jakovlev, 1889d: 322. LT (Derzhansky et al., 2002: 369): ♂, TD?, Fergana region; ZMAS.

Mimula excellens Kiritschenko, 1964: 92. Nomen nudum.

Mimula maureri f. *excellens* V.G. Putshkov, 1965: 232 (unavailable name). STS: TD, Iskander-Kul' Lake; ZMAS.

Distr. AS: TD UZ.

***Mimula nigrita* Jakovlev, 1889**

Mimula nigrita Jakovlev, 1889d: 321. HT: ♂, KI?, Fergana region; ZMAS.

Distr. AS: KI TD.

***Mimula scutellaris* Kiritschenko, 1931**

Mimula scutellaris Kiritschenko, 1931b: 98. HT: ♂, AK, Semipalatinsk Prov., Kokpekty Distr., Koitas Mts; ZMAS.

Distr. AS: AK MG.

***Mimula vicina* Kiritschenko, 1931**

Mimula vicina Kiritschenko, 1931b: 100. LT (Belousova, 1997: 854): ♂, TD, Turkestan Range, Shchurovski Glacier; ZMAS.

Distr. AS: TD.

Subgenus *Oressibia* Kiritschenko, 1926

Oressibia Kiritschenko, 1926a: 61 (as genus; downgraded by V.G. Putshkov, 1965: 230).

Type species by original designation: *Mormidella anacra* Kiritschenko, 1912.

***Mimula anacra* (Kiritschenko, 1912)**

Mormidella anacra Kiritschenko, 1912a: 378. HT: ♀, TD, Peter the Great Range, Gardan-i-Kaftar; ZMAS.

Distr. AS: TD.

Ref.: Kiritschenko, 1952 (fig.).

***Mimula nana* V.G. Putshkov, 1965**

Mimula nana V.G. Putshkov, 1965: 232. LT (Belousova, 1997: 845): ♂, TD, Hissar Range, Anzob Pass; ZMAS.

Distr. AS: TD.

Genus *Mormidella* Horváth, 1889

Mormidella Horváth, 1889c: 30. Type species by monotypy: *Mormidella paulii* Horváth, 1889.

Philista Jakovlev, 1905b: 115 (syn. Kiritschenko, 1926a: 59). Type species by monotypy: *Philista phalerata* Jakovlev, 1905.

Mimordella Hoberlandt, 1984: 101 (syn. Ahmad & Zaidi, 1993: 4). Type species by original designation: *Mimordella nepalensis* Hoberlandt, 1984, Nepal.

Ref.: Ahmad et al., 1988 (tax.); Ahmad & Zaidi, 1993 (tax.).

***Mormidella montana* Hoberlandt, 1984**

Mormidella montana Hoberlandt, 1984: 93. HT: ♂, AF, Hindu Kush, Salang Valley, Walang; NMPC.

Distr. AS: AF.

***Mormidella paulii* Horváth, 1889**

Mormidella paulii Horváth, 1889c: 30. LT (Hoberlandt, 1984: 97, as HT): ♀, “Kashmir”, Ladakh; HNHM.

Mormidella coralifera Kiritschenko, 1926a: 59 (syn. V.G. Putshkov, 1965: 225, as form). HT: ♀, Kashmir, Ditshe-nula pass nr Kresh-nula, River Vardanmaru; ZMAS.

Distr. AS: KI TD. **EL:** India, Pakistan.

Ref.: Ahmad et al., 1988 (descr., fig., key); V.G. Putshkov, 1967 (key).

***Mormidella phalerata* (Jakovlev, 1905)**

Philista phalerata Jakovlev, 1905b: 116. LT (Hoberlandt, 1984: 97, as HT; Derzhansky et al., 2002: 369): ♀, TD, Pamirs, Shugnan; ZMAS.

Distr. AS: AF TD.

Genus *Ochrophara* Stål, 1871

Ochrophara Stål, 1871: 627. Type species by monotypy: *Ochrophara emarginata* Stål, 1871, Philippines.

Ref.: Distant, 1902a (key).

***Ochrophara chinensis* L.Y. Zheng & G.Q. Liu, 1987**

Ochrophara chinensis L.Y. Zheng & G.Q. Liu, 1987a: 289. HT: ♂, CH (SW), Yunnan, Meng-la County; NKUM.

Distr. AS: CH (SW).

Genus *Ochyrotylus* Jakovlev, 1885

Ochyrotylus Jakovlev, 1885a: 113. Type species by subsequent designation (Kirkaldy, 1909b: xxix): *Ochyrotylus helvinus* Jakovlev, 1885.

Quadriana Ahmad & Rana, 1987: 355 (syn. Belousova, 2003: 687). Type species by original designation: *Quadriana pisheenensis* Ahmad & Rana, 1987, Pakistan.

***Ochyrotylus helvinus* Jakovlev, 1885**

Ochyrotylus helvinus Jakovlev, 1885a: 114. LT (Derzhansky et al., 2002: 368): ♂, TM, Ashkhabad; ZMAS.

Ochyrotylus signoreti Jakovlev, 1885a: 115 (syn. V.G. Putshkov, 1963: 46). LT (Derzhansky et al., 2002: 371): ♂, AK, Kzyl-Orda Prov., Yanykurgan; ZMAS.
Ochyrotylus helvinus var. *rubripennis* Kiritshenko, 1914d: 185. LT (Derzhansky et al., 2002: 370): ♂, UZ, Termez; ZMAS.
Ochyrotylus helvinus var. *rubens* Kiritshenko, 1914d: 185. LT (Derzhansky et al., 2002: 370): ♂, UZ, Termez; ZMAS.
Distr. AS: AB AK CH (NW) IN MG TM UZ.
Ref.: Nonnaizab, 1988 (fig.).

Genus *Palomena* Mulsant & Rey, 1866

Palomena Mulsant & Rey, 1866: 277. Type species by monotypy: *Palomena viridissima* sensu Mulsant & Rey, 1866 (= *Cimex prasinus* Linnaeus, 1761).
Ref.: Jakovlev, 1904c (key).

Palomena angulata (Puton, 1871)

Cimex (Palomena) angulata Puton, 1871b: 124. ST(S): AG, Bône [= Annaba]; MNHN.
Palomena prasina var. *longicornis* Rey, 1887b: 2 (syn. Puton, 1899a: 14). HT: AG; MHNL.
Distr. NA: AG MO TU.
Ref.: Bergevin, 1921 (fig.).

Palomena angulosa (Motschulsky, 1861)

Cimex angulosa Motschulsky, 1861: 23. LT (Kerzhner & Jansson, 1985: 42): ♂, JA; ZMUM.
Mormydea [sic] *basicornis* Motschulsky, 1866: 187 (syn. Kiritshenko, 1915: 298). LT (Kerzhner & Jansson, 1985: 43): ♀, JA; ZMUM.
Palomena amurensis Reuter, 1908: 544 (syn. Kerzhner, 1964a: 366). ST(S): ♀, RU (FE), Amur Basin ("Amuria"); MZHF.
Distr. AS: CH (CE NE NO SW WP) JA KO RU (FE).
Ref.: Kobayashi, 1959a (egg, larva); Matsumura, 1932 (fig.); Miyamoto & Hidaka, 1965 (fig.); Nuamah, 1982 (chrom.); Yosida, 1946 (chrom.); L.Y. Zheng & Ling, 1989 (descr., tax.).

Palomena chapana (Distant, 1921)

Epagathus chapana Distant, 1921: 69. STS: Vietnam, Chapa; BMNH.
Palomena unicolorella (non Kirkaldy, 1909): China, 1925: 453. Misidentification (see L.Y. Zheng & Ling, 1989: 312; see Rider et al., 2002: 142).
Palomena haemorrhoidalis Lindberg, 1934a: 7 (syn. Rider et al., 2002: 142). HT: ♂, CH (NO), S Gansu; MZHF.
Distr. AS: CH (CE NO WP). **EL:** Burma, Nepal.
Ref.: L.Y. Zheng & Ling, 1989 (tax.; *haemorrhoidalis*).

Palomena formosa Vidal, 1940

Palomena formosa Vidal, 1940: 439. STS: ♂, ♀, MO (Ifrane and Haute Réraya), Institut Scientifique Chérifien, Rabat, MO.
Distr. NA: MO.
Ref.: Vidal, 1949 (fig.).

Palomena hsiaoi L.Y. Zheng & Ling, 1989

Palomena angulosa (non Motschulsky, 1861): Hsiao & Cheng, 1977: 142. Misidentification (see L.Y. Zheng & Ling, 1989: 315).

Palomena hsiao L.Y. Zheng & Ling, 1989: 315. HT: ♂, CH (CE), Jiangxi, Mt Lu; NKUM.

Distr. AS: CH (CE SW).

***Palomena hunanensis* Lin & Zhang, 1992**

Palomena hunanensis Lin & Zhang in Zhang et al., 1992: 241. HT: ♂, CH (CE), Hunan, Sangzhi, Mt Tianping; IZAS.

Distr. AS: CH (CE).

***Palomena limbata* Jakovlev, 1904**

Palomena limbata Jakovlev, 1904c: 71. HT: ♀, CH (WP), Qinghai, Dongar [= Donkyr], nr Qinghai Lake; ZMAS.

Distr. AS: CH (NO SW WP).

Ref.: L.Y. Zheng & Ling, 1989 (descr., fig.).

***Palomena mursili* Linnavuori, 1984**

Palomena mursili Linnavuori, 1984: 10. HT: ♂, IQ, Dahuk, Sulaf; AMNH.

Distr. AS: AT IN IQ.

***Palomena prasina* (Linnaeus, 1761)**

Cimex prasinus Linnaeus, 1761: 249. ST(S): SV.

Cimex viridis totus De Geer, 1773: 266 (unavailable trinomen). New name for *prasinus* Linnaeus, 1761.

Cimex roseus O.F. Müller, 1776: 105 (syn. Stichel, 1958: 22). ST(S): DE; lost.

Cimex viridis Harris, 1780: 88 (syn. Stephens, 1829: 339). ST(S): GB; lost.

Cimex dissimilis Fabricius, 1781: 354 (syn. Hahn, 1834: 60). ST(S): GE; ZMUC.

Cimex discolor Wolff, 1811: 183 (junior primary homonym of *Cimex discolor* Gmelin, 1790; syn. Herrich-Schaeffer, 1835a: 92, with *dissimilis*). STS: GE; lost.

Pentatoma juniperina (non Linnaeus, 1758): Tigny, 1828: 335. Misidentification (see Reuter, 1888a: 114).

Palomena viridissima (non Poda, 1761): Mulsant & Rey, 1866: 277; Stål, 1868a: 28; Saunders, 1875b: 125. Misidentification (see Reuter, 1888a: 115).

Palomena prasina var. *rhododactyla* Horváth, 1883a: 23. STS: ♂, ♀, AT; HNHM.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG MO. **AS:** AB AK AR AT CH (NW) IN GG KI RU (ES WS) SY TD UZ.

Ref.: Candan, 1998a (egg); Halászfy, 1958 (larva); Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Polivanova, 1956, 1964 (larva).

Note: Several authors have reported this species from Yunnan and from Xizang (China, 1925; Hsiao & Cheng, 1977; Zhang & Lin, 1981, 1988a, 1988b), but all have proven to be misidentifications of *Palomena tibetana*.

***Palomena reuteri* Distant, 1879**

Palomena reuteri Distant, 1879b: 122. STS: ♂, ♀, Pakistan, Murree; BMNH.

Distr. AS: AF. **EL:** India, Pakistan.

Ref.: Nuamah, 1982 (chrom.); Parshad, 1957b (chrom.); L.Y. Zheng & Ling, 1989 (tax.).

***Palomena rubricornis* Scott, 1874**

Palomena rubricornis Scott, 1874: 300. ST(S): JA; BMNH?

Distr. AS: CH (NO) JA.

Note: No one in recent times has referred to this species (other than in lists or

catalogs). The only species generally collected near the type locality in JA is *P. angulosa*; the record from CH is probably a misidentification of *P. viridissima*. An examination of the type material will be needed to clarify the status of this species.

***Palomena similis* L.Y. Zheng & Ling, 1989**

Palomena similis L.Y. Zheng & Ling, 1989: 316. HT: ♂, CH (SW), Sichuan, Li-xiang County; NKUM.

Distr. AS: CH (SW).

***Palomena spinosa* Distant, 1880**

Palomena spinosa Distant, 1880b: 149. STS: N India and Pakistan (Sind); BMNH.

Distr. AS: CH (WP). **EL:** India, Pakistan.

Ref.: L.Y. Zheng & Ling, 1989 (descr.).

***Palomena tibetana* L.Y. Zheng & Ling, 1989**

Palomena prasina (non Linnaeus, 1761): Hsiao & Cheng, 1977: 142; Zhang & Lin, 1981: 139; 1988b: 80. Misidentification (see L.Y. Zheng & Ling, 1989: 317).

Palomena tibetana L.Y. Zheng & Ling, 1989: 317. HT: ♂, CH (WP), Xizang, Chayu County; NKUM.

Distr. AS: CH (WP).

***Palomena viridissima* (Poda, 1761)**

Cimex viridissimus Poda, 1761: 56. ST(S): AU, Graz; lost.

Pentatoma rotundicollis Westwood, 1837: 9. New name for *Cimex prasinus* sensu Wolff, 1801.

Pentatoma dissimilis (non Fabricius, 1781): Amyot & Serville, 1843: 131.

Misidentification (see Reuter, 1888a: 116).

Carpocoris prasina (non Linnaeus, 1761): Kolenati, 1846b: 48. Misidentification (see Oshanin, 1906: 106).

Pentatoma (*Pentatoma*) *prasina* (non Linnaeus, 1761): Gorski, 1852: 93.

Misidentification (see Reuter, 1888a: 116).

Pentatoma (*Pentatoma*) *prasina* [var.] *subrubescens* Gorski, 1852: 95 (syn. Reuter, 1888a: 116). STS: locality not given; ZMHB.

Palomena prasinus (non Linnaeus, 1761): Fieber, 1861: 339. Misidentification (see Reuter, 1881c: 166).

Palomena amplificata Distant, 1880b: 148 (syn. L.Y. Zheng & Ling, 1989: 310). STS: CH (NO), Shandong; BMNH.

Palomena viridissima var. *simulans* Puton, 1881b: 63. STS: FR, Vosges; MNHN.

Palomena viridissima var. *rubicunda* Westhoff, 1884: 43. STS: GE, Westphalia, Münster and Neviges; LNMD.

Distr. EU: AU BE BH BU BY CR CZ DE EN FR GE HU IT LA LT LU MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** AG MO. **AS:** AK AT CH (NE NO SW WP) GG IS KO LE MG RU (ES FE WS) SY. **EL:** India, Pakistan.

Ref.: Nuamah, 1982 (chrom.); Ren, 1992c (egg).

Note: Stichel (1958: 22; 1961: 574) erroneously placed var. *subrubescens* Gorski in *Palomena prasina*.

Genus *Rhombocoris* Mayr, 1864

Rhombocoris Mayr, 1864: 912. Type species by monotypy: *Rhombocoris syriacus* Mayr, 1864 (= *Pentatoma regulare* Herrich-Schaeffer, 1851).

Cyrtorchilus Jakovlev, 1876a: 252 (syn. Puton, 1899a: 14). Type species by monotypy:

Cyrtochilus flavolineatus Jakovlev, 1876 (= *Pentatoma regulare* Herrich-Schaeffer, 1851).

Ref.: Ribes & Schmitz, 1992 (key); Safavi, 1979 (key).

***Rhombocoris regularis* (Herrich-Schaeffer, 1851)**

Pentatoma regulare Herrich-Schaeffer, 1851: 322. HT: ♀, AT; lost?

Rhombocoris syriacus Mayr, 1864: 912 (syn. Horváth, 1877: 235). ST(S): SY; NHMW?

Cyrtochilus flavolineatus Jakovlev, 1876a: 254 (syn. Horváth, 1877: 235). HT: ♀, AT, Ararat [= Büyük Agri dag] Mt.; ZMAS.

Cyrtochilus fuscus Jakovlev, 1880c: 165 (syn. Ribes & Schmitz, 1992: 111). LT (Derzhansky et al., 2002: 368): ♂, IN, Shahkuh; ZMAS.

Distr. EU: RU (ST: Dagestan). **AS:** AB AR AT IN SY.

Genus *Risibia* Horváth, 1888

Risibia Horváth, 1888: 168. Type species by monotypy: *Risibia xanthochila* Horváth, 1888.

Parastaria Kiritshenko, 1911b: 81 (syn. Horváth, 1911c: 579). Type species by original designation: *Staria obscura* Jakovlev, 1880.

Ref.: Ribes & Schmitz, 1992 (key); Safavi, 1979 (key).

***Risibia christophi* (Jakovlev, 1886)**

Staria christophi Jakovlev, 1886: 85. HT: ♀, AT, Kazikoporan; ZMAS.

Risibia geniculata Horváth, 1903b: 406 (syn. Horváth, 1911c: 579). STS: ♀, AT, Kulp and Akbes [= Ekbaz]; HNHM.

Distr. AS: AB AR AT IN SY.

Ref.: Gidayatov, 1982 (key); Kiritshenko, 1938b (fig.).

***Risibia obscura* (Jakovlev, 1880)**

Staria obscura Jakovlev, 1880a: 208. LT (Derzhansky et al., 2002: 369): ♀, IN, Shahkuh; ZMAS.

Distr. AS: IN.

Ref.: Gidayatov, 1982 (key); Kirishenko, 1911b (key).

***Risibia verbasci* Lodos & Önder, 1980**

Risibia verbasci Lodos & Önder, 1980: 8. HT: ♂, AT, Konya; EUIT.

Distr. AS: AT.

***Risibia xanthochila* Horváth, 1888**

Risibia xanthochila Horváth, 1888: 169. ST(S): ♂, RU, "Siberia"; HNHM.

Parastaria mimula Kiritshenko, 1911b: 81 (syn. Kerzhner, 1972a: 368). HT: ♀, UZ, Samarkand Prov., Zeravshan Mts, Mokshevat; ZMAS.

Distr. AS: AF AK CH (WP) IN KI MG RU (WS) TD UZ.

Genus *Rubiconia* Dohrn, 1860

Rubiconia Dohrn, 1860b (March): 102. Type species by monotypy: *Cydnus intermedius* Wolff, 1811.

Apariphe Fieber, 1860 (Nov.): 80 (syn. Fieber, 1861: 337). Type species by subsequent monotypy (Fieber, 1861: 338): *Cydnus intermedius* Wolff, 1811.

Aparyphe Marshall, 1868: 282. Unjustified emendation.

Ref.: Ribes & Schmitz, 1992 (key).

***Rubiconia intermedia* (Wolff, 1811)**

Cydnus intermedius Wolff, 1811: 187. ST(S): GE; lost.

Pentatoma lunatum Herrich-Schaeffer, 1833b: pl. 11 and legend (syn. Herrich-Schaeffer, 1835a: 92). STS: GE (incl. Regensburg): ZMHB?

Pentatoma neglectum Herrich-Schaeffer, 1853: 156. New name for *intermedium* Wolff, 1811 (see note).

Eysarcoris sahlbergi Stål, 1858a: 177 (syn. Reuter, 1875b: 527). ST(S): ♂, RU (ES), Irkutsk; NHRS.

Rubiconia intermedia f. *mihalyii* Halászfy, 1955b: 368. HT: ♂, RO, Transylvania, Aradköva [= Cuvin]; HNHM.

Distr. EU: AU BE BH BU CR CZ DE EN FI FR GE HU IT LA LT LU MD NL PL RO RU (CT NT ST) SK SL SZ UK YU. **NA:** MO. **AS:** AK CH (CE NE NO SE SW WP) JA KO MG RU (ES FE WS).

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Kobayashi, 1951 (egg, larva); Putshkova, 1961 (egg); Ren, 1992c (egg).

Note: Herrich-Schaeffer's (1853: 156) citation simply reads: "neglectum v. intermedium". There is no description, and no explanation. Kirkaldy (1909b: 86) in a footnote stated that "This entry is incomprehensible to me". My only explanation is that this was possibly proposed as a new name for *intermedium* Wolff, 1811, although Herrich-Schaeffer (1853) also listed *intermedium* in his index (p. 155).

***Rubiconia peltata* Jakovlev, 1890**

Rubiconia peltata Jakovlev, 1890: 543. HT: , CH (NO), Gansu, Li-chzha-pu, S of Dangchang; ZMAS.

Distr. AS: CH (CE NE NO SW WP) JA KO RU (ES FE).

Ref.: Josifov & Kerzhner, 1978 (fig., key).

Genus *Staria* Dohrn, 1860

Staria Dohrn, 1860b (March): 101. Type species by monotypy: *Eysarcoris lunatus* Hahn, 1835.

Rhacostethus Fieber, 1860 (Nov.): 79 (syn. Fieber, 1861: 331). Type species by subsequent monotypy (Fieber, 1861: 331): *Eysarcoris lunatus* Hahn, 1835.

Ref.: Safavi, 1979 (key).

***Staria lunata* (Hahn, 1835)**

?*Cimex impressus* Gravenhorst, 1807: 348 (junior primary homonym of *Cimex impressus* Coquebert, 1801; syn. Kerzhner, 2005: 74). ST(S): EU?; lost.

Eysarcoris lunatus Hahn, 1835a: 127. ST(S): GE; lost.

Cimex lobulatus Rambur, 1839: 120 (syn. Gorski, 1852: 73). ST(S): ♀, SP, Malaga; BMNH.

Staria maroccana Lindberg, 1932: 10 (syn. Tamanini, 1981: 129). HT: MO, Marrakech, oasis nr Gueliz; MZHF.

Staria levantinae Fuente, 1972b: 104 (syn. Kammerchen & Remane, 1991: 2). HT: ♂, SP, Valencia, Rocafort; Universidad Complutense, Madrid, SP.

Distr. EU: AL AU BH BU CR CZ ET FR GE GR HU IT LU MC MD PL PO RO RU (CT: Samara Prov. ST) SK SL SP SZ UK YU. **NA:** AG MO TU. **AS:** AB AT GG IN IQ IS JO LE SY.

Ref.: Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Polivanova, 1956, 1964 (larva); Putshkova, 1961 (egg).

Tribe CATACANTHINI Atkinson, 1888

CATACANTHINI Atkinson, 1888b: 70 (Catacantharia). Type genus: *Catacanthus* Spinola, 1837.

Genus *Catacanthus* Spinola, 1837

Catacanthus Spinola, 1837: 352. Type species by monotypy: *Cimex nigripes* Fabricius, 1775 (= *Cimex incarnatus* Drury, 1773).

Ref.: Distant, 1902a (descr., key).

Catacanthus incarnatus (Drury, 1773)

Cimex incarnatus Drury, 1773: 67. ST(S): CH; lost?

Cimex nigripes Fabricius, 1775: 710 (junior primary homonym of *Cimex nigripes* Linnaeus, 1758; syn. Westwood, 1837: 7). ST(S): India; ZMUC.

Cimex aurantius Sulzer, 1776: 96 (syn. Thunberg, 1783: 46). ST(S): America [in error]; lost.

Cimex melanopus Gmelin, 1790: 2149. New name for *nigripes* Fabricius, 1775.

Distr. AS: CH (SE SW) JA (Ryukyus) KO. **EL:** Oriental Region.

Tribe CAYSTRINI Ahmad & Afzal, 1979

ODIINI Atkinson, 1888b: 17. Based upon a preoccupied name of type genus: *Odius* Stål, 1868 (= *Caystrus* Stål, 1861).

CAYSTRINI Ahmad & Afzal, 1979: 2. Type genus: *Caystrus* Stål, 1861.

Note: Credit for establishing the tribes Odiini and Caystrini is usually given to Stål (1876), but he only used the phrase “*Odius* et affinia” for this group of related genera. *Odius* is a junior homonym, so it cannot serve as the stem for a family-group name; Stål never used a family-group name based on *Caystrus*. The earliest valid usage of Caystrini found is that of Ahmad & Afzal (1979).

Genus *Caystrus* Stål, 1861

Caystrus Stål, 1861a: 199. Type species by monotypy: *Paramecus marginiventris* Stål, 1858, Africa.

Odius Stål, 1868b: 505 (junior homonym of *Odius* Lilljeborg, 1866, Crustacea; syn. Bergroth, 1906a: 369). Type species by subsequent monotypy (Stål, 1870b: 226): *Odius pallidolimbatus* Stål, 1870, Australia, New Hebrides.

Anarropa Gerstaecker, 1873: 397 (syn. Linnavuori, 1972a: 399). Type species by monotypy: *Anarropa trivialis* Gerstaecker, 1873, tropical Africa.

Agabotus Distant, 1884: 459 (syn. Linnavuori, 1972a: 399). Type species by monotypy: *Agabotus brunnescens* Distant, 1884, tropical Africa.

Neodius Bergroth, 1891: 214. New name for *Odius* Stål, 1868.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1902a (descr., key; *Neodius*); Lin & Zhang, 1993a (key); Linnavuori, 1982b (key).

Caystrus depressus (Ellenrieder, 1862)

Eurydema depressa Ellenrieder, 1862: 152. STS: Indonesia, Sumatra, Roepiet [= Muararupit].

Distr. AS: JA. **EL:** Indonesia (Borneo, Sumatra).

Ref.: Takara, 1957 (distr., fig.).

Caystrus deserticolus Linnavuori, 1974

Caystrus deserticolus Linnavuori, 1974b: 401; 1975: 35. HT: ♀, YE, nr Lahej; NMWC.

Distr. AS: YE.

***Caystrus langei* (Breddin, 1899)**

Neodius langei Breddin, 1899b: 80. HT: ♂, IS, nr Hierosolyma [= Jerusalem]; DEIC.

Distr. AS: IS.

Ref.: Derzhansky & Péricart (descr., figs, key).

***Caystrus nuristanus* Linnavuori, 1974**

Caystrus nuristanus Linnavuori, 1974b: 400. HT: ♂, AF, Nuristan, 25 km N of Barikot; NHMW.

Distr. AS: AF.

***Caystrus obscurus* (Distant, 1901)**

Odius obscurus Distant, 1901d: 108. ST(S): Burma, Katha, Teinzo; MCSN.

Distr. AS: CH (CE SE SW WP). **EL:** Burma, India, Pakistan.

***Caystrus orientalis* Zhang & Lin, 1985**

Caystrus orientalis Zhang & Lin, 1985: 21. HT: ♀, CH (SE), Fujian, Hua-an County; IZAS.

Distr. AS: CH (CE SE).

Ref.: Lin & Zhang, 1993a (descr., fig.).

Genus *Hippotiscus* Bergroth, 1906

Plexippus Stål, 1868b: 505 (junior homonym of *Plexippus* Koch, 1846, Arachnida). Type species by subsequent monotypy (Stål, 1870b: 226): *Plexippus dorsalis* Stål, 1870.

Hippota Bergroth, 1891: 214 (junior homonym of *Hippota* Walker, 1871, Hymenoptera). New name for *Plexippus* Stål, 1868.

Hippotiscus Bergroth, 1906b: 2. New name for *Hippota* Bergroth, 1891.

Ref.: Distant, 1902a (descr.; *Hippota*); Lin & Zhang, 1993a (key).

***Hippotiscus dorsalis* (Stål, 1870)**

Plexippus dorsalis Stål, 1870b: 226. ST(S): ♀, India; NHRS.

Distr. AS: CH (CE NO SE SW WP). **EL:** India.

Ref.: Ren, 1992c (egg); Zhang, 1985 (fig.).

Genus *Praetextatus* Distant, 1901

Praetextatus Distant, 1901e: 583. Type species by use of “typicus”: *Praetextatus typicus* Distant, 1901.

Ref.: Distant, 1902a (descr., key).

***Praetextatus chinensis* Hsiao & Cheng, 1977**

Praetextatus chinensis Hsiao & Cheng, 1977: 155, 300. HT: ♂, CH (SW), Sichuan, Ya-an County, Zhou-gong-shan; NKUM.

Distr. AS: CH (CE SW).

***Praetextatus typicus* Distant, 1901**

Praetextatus typicus Distant, 1901e: 584. ST(S): Burma; BMNH.

Distr. AS: TA. **EL:** Burma.

Ref.: Distant, 1902a (descr., fig.); Miyamoto, 1965 (distr.).

Genus *Valescus* Distant, 1901

Valescus Distant, 1901e: 584. Type species by monotypy: *Valescus nigricans* Distant, 1901, Sri Lanka.

Ref.: Distant, 1902a (descr., key).

***Valescus jianhenensis* F.Y. Chen, 1983**

Valescus jianhenensis F.Y. Chen, 1983: 43, 46. HT: ♀, CH (SW), Guizhou, Jianhe; Guizhou Agriculture College, Guiyang, CH.

Distr. AS: CH (SW).

***Valescus omeiensis* Hsiao & Cheng, 1977**

Valescus omeiensis Hsiao & Cheng, 1977: 156, 300. HT: ♀, CH (SW), Sichuan, Mt. Emei; Beijing Agriculture College, Beijing, CH.

Distr. AS: CH (SW).

Tribe DIPLOSTIRINI Distant, 1902

DIPLOSTIRINI Distant, 1902a: 237 (Diplostiraria). Type genus: *Diplostira* Dallas, 1851, Indian subregion.

Genus *Ambiorix* Stål, 1876

Ambiorix Stål, 1876: 100. Type species by monotypy: *Ambiorix aenescens* Stål, 1876.

Ref.: Distant, 1902a (descr., key).

***Ambiorix aenescens* Stål, 1876**

Ambiorix aenescens Stål, 1876: 100. ST(S): ♀, India; NHMW.

Distr. AS: CH (WP). **EL:** India.

Tribe DIPLOXYINI Atkinson, 1888

DIPLOXYINI Atkinson, 1888b: 33 (Diploxyaria). Type genus: *Diploxys* Amyot & Serville, 1843.

Genus *Acoloba* Spinola, 1850

Acoloba Spinola, 1850: 36. Type species by monotypy: *Aelia lanceolata* Fabricius, 1803.

Dichelocephala Stål, 1854b: 226 (syn. Bergroth, 1887: 151). Type species by monotypy:

Dichelocephala virescens Stål, 1854 (= *Aelia lanceolata* Fabricius, 1803).

Ref.: Cachan, 1952 (key); Linnavuori, 1982b (descr., key).

***Acoloba lanceolata* (Fabricius, 1803)**

Aelia lanceolata Fabricius, 1803: 189. STS: Guinea; ZMUC.

Aelia gracilis A. White, 1842a: 91 (syn. Stål, 1865c: 131). ST(S): ♀, Congo; BMNH.

Dichelocephala virescens Stål, 1854b: 226 (syn. Stål, 1865c: 131). ST(S): South Africa, Boschjesmans Rand; NHRS.

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Cachan, 1952 (descr., fig.); Linnavuori, 1982b (fig.).

Genus *Diploxys* Amyot & Serville, 1843

Diploxys Amyot & Serville, 1843: xxv, 138. Type species by subsequent designation (Desmarest, 1844b: 59): *Diploxys senegalensis* Amyot & Serville, 1843, Africa.

Ref.: Cachan, 1952 (descr., key); Linnavuori, 1982b (key).

Subgenus *Diploxys* Amyot & Serville, 1843

***Diploxys orientalis* Linnavuori, 1982**

Diploxys (*Diploxys*) *orientalis* Linnavuori, 1982b: 84. HT: ♂, Somalia, Afgoi; AMNH.

Distr. AS: YE. **EL:** Kenya, Somalia.

Subgenus *Ancyrocoris* Mayr, 1864

Ancyrocoris Mayr, 1864: 911 (as genus; downgraded by Stål, 1876: 78). Type species by subsequent designation (Kirkaldy, 1909b: 73): *Ancyrocoris cordofana* Mayr, 1864.
Amayosana Distant, 1910a: 92 (syn. Linnavuori, 1982b: 81). Type species by monotypy: *Amayosana punctata* Distant, 1910, tropical Africa.

***Diploxys cordofana* (Mayr, 1864)**

Ancyrocoris cordofana Mayr, 1864: 911. STS: Sudan, Kordofan; ISNB, NHMW.

Distr. AS: SA. **NA:** EG. **EL:** Africa.

Ref.: Linnavuori, 1986a (distr.).

***Diploxys pulchricornis* Linnavuori, 1975**

Diploxys (Ancyrocoris) pulchricornis Linnavuori, 1975: 37. HT: ♂, YE; coll. Linnavuori, Raisio, FI.

Distr. AS: YE.

Tribe EURYSASPINI Atkinson, 1888

EURYSASPINI Atkinson, 1888a: 132 (Euryasparia). Type genus: *Euryaspis* Signoret, 1851 (as *Euryaspis*).

EURYASPINI: Distant, 1902a: 240 (Euryaspisaria). Incorrect subsequent spelling.

Genus *Euryaspis* Signoret, 1851

Euryaspis Signoret, 1851c: 342. Type species by monotypy: *Euryaspis transversalis* Signoret, 1851, India, Madagascar.

Euryaspis: Walker, 1867a: 403. Incorrect subsequent spelling.

Ref.: Cachan, 1952 (descr.); Distant, 1902a (descr., key); Linnavuori, 1982b (descr.).

***Euryaspis flavescens* Distant, 1911**

Euryaspis flavescens Distant, 1911b: 345. STS: CH (SE: Fujian, Fuzhou) and Indonesia (E Borneo, Moerjawa); BMNH.

Distr. AS: CH (CE NO SE SW). **EL:** Indonesia (Borneo), Philippines.

Ref.: Zhang, 1985 (fig.).

Tribe EYSARCORINI Mulsant & Rey, 1866

EYSARCORINI Mulsant & Rey, 1866: 168 (Eysarcoraires). Type genus *Eysarcoris* Hahn, 1834.

EUSARCORINI: Puton, 1869: 5 (Eusarcorii). Incorrect subsequent spelling.

EYSARCORIINI: Atkinson, 1888b: 37 (Eysarcoriaria). Incorrect subsequent spelling.

EUSARCOCORIINI: Distant, 1902a: 163 (Eusarcocoriaria). Incorrect subsequent spelling.

STOLLIINI V.G. Putshkov, 1961: 195 (syn. Kerzhner & Jaczewski, 1964: 832). Type genus: *Stollia* Ellenrieder, 1862 (= *Eysarcoris* Hahn, 1834).

STAGONOMINI Fuente, 1974b: 132. New name for *Eysarcorini*.

Genus *Adria* Stål, 1876

Adria Stål, 1876: 78. Type species by monotypy: *Pentatoma parvula* Dallas, 1851.

Ref.: Distant, 1902a (descr., key); Linnavuori, 1982b (key).

***Adria parvula* (Dallas, 1851)**

Pentatoma parvula Dallas, 1851a: 246. ST(S): ♀, India; BMNH.

Pentatoma brevivittata Walker, 1867a: 312 (syn. Distant, 1900d: 433). HT: unknown

locality; BMNH.

Distr. AS: YE. **EL:** Africa, Burma, India, Pakistan.

Ref.: Abbasi, 1986 (descr., fig.); Jande, 1959 (chrom.); Linnavuori, 1982b (fig.);
Manna, 1962 (chrom.); Nuamah, 1982 (chrom.).

Genus *Carbula* Stål, 1865

Carbula Stål, 1865c: 140 (as subgenus of *Pentatoma*; upgraded by Stål, 1876: 82). Type species by subsequent designation (Distant, 1902a: 170): *Mormidea decorata* Signoret, 1861, Africa.

Ibaka Distant, 1910a: 213 (syn. Leston, 1955b: 702). Type species by original designation: *Ilipla natalicola* Distant, 1900, South Africa.

Ref.: Lin & Zhang, 1993a (key); Villiers, 1952a (descr.).

***Carbula abbreviata* (Motschulsky, 1866)**

Arma abbreviata Motschulsky, 1866: 187. LT (Kerzhner & Jansson, 1985: 42): ♂, JA; ZMUM.

Arma japonica Walker, 1868: 533 (syn. Distant, 1900c: 64, with *humerigera* auct.).

STS: JA; BMNH.

Carbula humerigera (non Uhler, 1860): auct. Misidentification (see Rider et al., 2002: 137).

Distr. AS: CH (NE) JA KO RU (FE).

Ref.: Kobayashi, 1956 (*humerigera*, egg, larva); Muramoto, 1973, 1980, 1982 (*humerigera*, chrom.).

***Carbula afghana* Hoberlandt, 1984**

Carbula afghana Hoberlandt, 1984: 90. HT: ♂, AF, Tang-Lalander nr Kabul; NMPC.

Distr. AS: AF.

***Carbula crassiventris* (Dallas, 1849)**

Pentatoma crassiventre Dallas, 1849: 189. ST(S): ♀, Bhutan; BMNH.

Distr. AS: CH (CE NE NO SE SW WP) JA (Ryukyus) TA. **EL:** Oriental Region.

Ref.: Bu & L.Y. Zheng, 1997 (distr., fig.); Ren, 1992c (egg).

***Carbula eoa* Bergroth, 1891**

Carbula eoa Bergroth, 1891: 204. ST(S): ♂, CH; MNHN.

Distr. AS: CH (SW).

***Carbula humerigera* (Uhler, 1860)**

Pentatoma humerigera Uhler, 1860: 223. LT (Rider et al., 2002: 137): ♀, JA, Ryukyus, Takanoshima; USNM.

Carbula obtusangula Reuter, 1881b: 233 (syn. Rider et al., 2002: 137). ST(S): CH; MZHF?

Distr. AS: CH (CE NO SE SW WP) JA (Ryukyus).

Ref.: Bu & L.Y. Zheng, 1997 (*obtusangula*, distr., fig.); Lin & Zhang, 1993a (*obtusangula*, descr., fig.); Ren, 1992c (*obtusangula*, egg).

***Carbula indica* (Westwood, 1837)**

Pentatoma indica Westwood, 1837: 42. ST(S): India or Bangladesh, Bengalia; OXUM.

Carbula fusca Distant, 1887: 346 (syn. Distant, 1901h: 812). STS: India (Darjeeling and Sikkim) and Nepal; BMNH, NZSI.

Distr. AS: CH (SW WP). **EL:** India, Nepal.

Ref.: Dey & Wangdi, 1988 (chrom.).

[*Carbula kolenatii* (Reuter, 1882)

Eusarcocoris binotatum (non Hahn, 1835): Kolenati, 1846b: 32. Misidentification (see Reuter, 1882c: 113).

Eusarcocoris kolenatii Reuter, 1882c: 113. For *Eusarcocoris binotatum* sensu Kolenati, 1846. ST(S): ♂, AB, Elisabethopol [in error]; NHMW.

Distr. Not clarified, probably non-palaearctic.]

***Carbula limpoponis limpoponis* (Stål, 1854)**

Cimex marginellus Thunberg, 1822b: 4 (junior primary homonym of *Cimex marginellus* Fabricius, 1781, Miridae; syn. Linnavuori, 1975: 67). NT (Linnavuori, 1975: 67): ♂, South Africa, “Cap. B. Spei” [= Cape of Good Hope]; NHRS.

Pentatoma limpoponis Stål, 1854b: 219. LT (Linnavuori, 1975: 67): ♀, South Africa, “Caffraria”; NHRS.

Carbula pedalis Bergroth, 1891: 203 (syn. Linnavuori, 1975: 67). ST(S): ♀, Senegal, Dakar; Montandon collection (see note)

Carbula litigatrix Kirkaldy, 1909b: 88. New name for *marginellus* Thunberg, 1822.

Distr. AS: YE. **EL:** tropical Africa.

Extralimital subspecies: *Carbula limpoponis sindouana* Linnavuori, 1982, Burkina Faso.

Ref.: Linnavuori, 1982b (*marginella*, descr., figs, key, tax.); Nuamah, 1982 (*marginella*, chrom.).

Note: Linnavuori (1975) designated a ♂, Senegal; ISNB as LT of *C. pedalis*, but Bergroth did not have any ♂ 's in the type series.

***Carbula maculata* Hsiao & Cheng, 1977**

Carbula maculata Hsiao & Cheng, 1977: 143, 299. HT: ♂, CH (SW), Sichuan, Bao-xing County, Qiaoqi; NKUM.

Distr. AS: CH (SW).

***Carbula producta* Distant, 1901**

Carbula producta Distant, 1901d: 110. STS: Burma, Carin Cheba [= Karennee]; MCSN.

Distr. AS: CH (SW). **EL:** Burma, India.

***Carbula putoni* (Jakovlev, 1876)**

Eusarcocoris putoni Jakovlev, 1876c: 216. HT: ♂, RU (FE), Amur Prov., Albazino; ZMAS.

Carbula amurensis Reuter, 1881d: 233 (syn. Horváth, 1889a: 325). ST(S): RU (FE), Amur Basin (“Amuria”); MZHF.

Carbula humerigera (non Uhler, 1860): Doi, 1932: 47. Misidentification (see Miyamoto & Lee, 1966: 321).

Carbula crassiventris (non Dallas, 1849): Doi, 1933: 91; M. Yamada, 1936: 22. Misidentification (see Miyamoto & Lee, 1966: 321).

Distr. AS: CH (NE NO SW) KO RU (FE).

Ref.: Ren, 1992c (egg).

***Carbula scutellata* Distant, 1887**

Carbula scutellata Distant, 1887: 347. STS: India (Bombay, N Khasia) and unlocalized; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Ref.: Mittal & Leelamma, 1981 (chrom.).

***Carbula sinica* Hsiao & Cheng, 1977**

Carbula sinica Hsiao & Cheng, 1977: 145, 300. HT: ♂, CH (SW), Sichuan, Baoxing County; NKUM.

Distr. AS: CH (CE NO SW).

Ref.: Bu & L.Y. Zheng, 1997 (distr., fig.).

***Carbula trisignata* (Germar, 1838)**

Cimex trisignatus Germar, 1838: 171. ST(S): South Africa, Caput Bonae Spei [= Cape of Good Hope]; ZMUL.

Pentatoma trigemmis Stål, 1854b: 219 (syn. Walker, 1867a: 292). LT (Linnavuori, 1975: 57, as “type”): South Africa, Natal (“in terra Natalensi”); NHRS.

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Villiers, 1952a (descr.).

Genus *Cratonotus* Distant, 1879

Cratonotus Distant, 1879a: 50. Type species by monotypy: *Cratonotus coloratus* Distant, 1879.

Ref.: Distant, 1902a (descr., key).

***Cratonotus coloratus* Distant, 1879**

Cratonotus coloratus Distant, 1879a: 50. ST(S): India, North Khasia Hills; BMNH.

Distr. AS: CH (SE). **EL:** Burma, India.

Ref.: Hoffmann, 1934b (descr., fig.).

Genus *Durmia* Stål, 1865

Durmia Stål, 1865c: 146. (as subgenus of *Pentatoma*; upgraded by Stål, 1876: 84). Type species by subsequent designation (Kirkaldy, 1909b: xxx): *Cimex conjungens* Germar, 1838, tropical Africa.

Kalula Distant, 1901h: 809 (syn. Linnavuori, 1973c: 40). Type species by monotypy: *Aelia varicornis* Westwood, 1837.

***Durmia varicornis varicornis* (Westwood, 1837)**

Aelia varicornis Westwood, 1837: 33. ST(S): Gambia or Senegal, nr river Gambia; OXUM.

Distr. AS: YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1975 (descr., fig.).

***Durmia varicornis pseudaspavia* Linnavuori, 1975**

Durmia varicornis pseudaspavia Linnavuori, 1975: 70. HT: ♀, Sudan, Kordofan, Kadugli; AMNH.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Dymantiscus* Hsiao, 1981

Dymantiscus Hsiao in Zhang & Lin, 1981: 138, 143. Type species by original designation: *Dymantiscus marginatus* Hsiao, 1981.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Dymantiscus alticola* (Cheng & J. Li, 1979)**

Carbula alticola Cheng & J. Li in J. Li, 1979: 9. HT: ♂, CH (WP), Xizang, Pu-lan County; Institute of High Plateau Biology, Academia Sinica, Xining, Qinghai, CH.

Distr. AS: CH (WP).

Ref.: Zhang & Lin, 1988b (syst.).

***Dymantiscus marginatus* Hsiao, 1981**

Dymantiscus marginatus Hsiao in Zhang & Lin, 1981: 138, 143. HT: ♂, CH (WP), Xizang, Zhangmu; IZAS.

Distr. AS: CH (WP).

Genus *Eysarcoris* Hahn, 1834

Eysarcoris Hahn, 1834: 66. Type species by subsequent designation (Opinion 313, 1954): *Cimex aeneus* Scopoli, 1763.

Eysarcoris: Burmeister, 1835: 377. Incorrect subsequent spelling.

Eysarcocoris Agassiz, 1846: 151. Unjustified emendation.

Gobisa Gorski, 1852: 77 (as subgenus of *Pentatoma*; syn. nov). Type species (designated here): *Cimex perlatus* Fabricius, 1794 (= *Cimex aeneus* Scopoli, 1763)

Stollia Ellenrieder, 1862: 149 (syn. Puton, 1881b: 54). Type species by subsequent designation (Kirkaldy, 1909b: xxx): *Stollia fuliginosa* Ellenrieder, 1862, Indonesia, Malaysia.

Eysarcocoris Stål, 1865c: 135 (as subgenus of *Pentatoma*). Unjustified emendation.

Analocus Stål, 1872c: 36 (syn. Puton, 1881b: 54). Type species by subsequent designation (Kirkaldy, 1909b: xxx): *Eysarcoris misellus* Stål, 1854 (= *Pentatoma ventralis* Westwood, 1837).

Neostollia Distant, 1910b: 480 (syn. Wood & McDonald, 1984: 254). Type species by original designation: *Stollia fasciolata* Stål, 1876 (= *Pentatoma lereddi* Guillou, 1841), Australia, Indonesia, New Guinea.

Neocarbula Distant, 1918: 134 (syn. Kiritschenko, 1961: 443, with *Stollia*). Type species by original designation: *Neocarbula capitata* Distant, 1918 (= *Eysarcoris distanti* Rider, 1998), India.

Bainbriggeanus Distant, 1918: 135 (syn. Leston, 1955b: 702, with *Stollia*). Type species by original designation: *Bainbriggeanus fletcheri* Distant, 1918 (= *Cimex guttigerus* Thunberg, 1783).

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1902a (descr., key).

Note: The name *Gobisa* was first used by Amyot (1845) in his rejected uninomial work (he actually spelled the name *Gabisa*); he used the name to represent *Cimex perlatus* Fabricius, 1794 (= *Cimex aeneus* Scopoli, 1763). Gorski (1852) first used this name in an appropriate manner as a subdivision (subgenus?) of *Pentatoma* and should be given credit as author of the name. He originally placed four species in this subdivision without designating a type species. Two of the included species are presently members of the genus *Eysarcoris* and two are members of *Stagonomus*. No one has since used this name. As *perlatus* (= *aeneus*) is designated here as type species, as per Amyot (1845), *Gobisa* becomes an objective synonym of *Eysarcoris*.

***Eysarcoris aenescens* (Walker, 1867)**

Hoplistodera aenescens Walker, 1867a: 266. STS: Indonesia (Borneo) and Malaysia? (Mt Ophir); BMNH.

Hoplistodera schwaneri Vollenhoven, 1868a: 182 (syn. Schouteden, 1907d: 40). ST(S): ♂, Indonesia, Borneo; RMNH.

Distr. AS: CH (SW). **EL:** Indonesia (Borneo), Malaysia?

***Eysarcoris aeneus* (Scopoli, 1763)**

Cimex aeneus Scopoli, 1763: 122. ST(S): IT or SL, Carniolia; lost.

Cimex fucatus Rossi, 1790: 235 (syn. Baerensprung, 1860: 4). ST(S): IT; lost.

Cimex perlatus Fabricius, 1794: 125 (syn. Wolff, 1801: 68). ST(S): GE; ZMUC.

Eusarcoris perlatus var. *spiniacollis* Puton, 1881a: 76; 1881b: 56. STS: FR, Albertville; MNHN and HU; HNHN.

Eysarcoris perlatus var. *ventralis* Horváth, 1882: 219 (junior secondary homonym of *Pentatoma ventralis* Westwood, 1837). STS: ♂, SK, Tavana [= Tovarné] and Juszko-Volya [= Jusková Volá]; HNHN.

Eysarcoris parvus Uhler, 1896: 258 (syn. Josifov & Kerzhner, 1978: 168). LT (Josifov & Kerzhner, 1978: 168): ♂, JA; USNM.

Eysarcoris aeneus var. *peezi* Tamanini, 1961b: 122 (unavailable name). HT: ♂, IT, Bressanone; MCRI.

Eysarcoris aeneus f. *nigriventris* Stichel, 1962a: 781 (unavailable name). New name for var. *ventralis* Horváth, 1882.

Distr. EU: AL AU BE BH BU BY CR CZ DE EN ET FI FR GB GE HU IT LS LT LU MC MD NL PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG MO. **AS:** AB AK AR AT CH (CE NE NO) GG JA KO RU (ES FE WS). **EL:** India.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Kobayashi, 1960b (egg, larva); Nuamah, 1982 (chrom.); Polivanova, 1964 (larva).

***Eysarcoris annamita* Breddin, 1909**

Eusarcoris annamita Breddin, 1909: 274, fig. 12 (see note); 1913: 100. HT: ♂, Vietnam, Phuc Son; DEIC.

Distr. AS: CH (CE NO SE SW WP) JA KO. **EL:** Vietnam.

Ref. Bu & L.Y. Zheng, 1997 (fig.); Josifov & Kerzhner, 1978 (tax.); Lin & Zhang, 1993a (descr., fig.); Ren, 1992c (egg).

Note: Breddin (1909) published only a figure of this species along with its name, thus satisfying the requirements for availability at that time. Later (1913), he published a formal description of this species.

***Eysarcoris fallax* Breddin, 1909**

Eusarcoris fallax Breddin, 1909: 274, fig. 11 (see note); 1913: 100. HT: ♂, Vietnam, Phuc Son; DEIC.

Distr. AS: JA KO. **EL:** Vietnam.

Ref.: Kobayashi, 1960b (egg, larva); Miyamoto & Hidaka, 1965 (fig.); Muramoto, 1978, 1982 (chrom.).

Note: Breddin (1909) published only a figure of this species along with its name, thus satisfying the requirements for availability at that time. Later (1913), he published a formal description of this species.

***Eysarcoris gibbosus* Jakovlev, 1904**

Eusarcoris gibbosus Jakovlev, 1904d: 23. LT (Josifov & Kerzhner, 1978: 167): ♀, KO, Yalu River; ZMAS.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE). **EL:** Vietnam.

Note: This species has often been confused with *E. venustissimus*, a western Palearctic species. All records of *E. venustissimus*, or its synonyms (*melanocephalus*, *fabricii*), from east of the Volga River, should be referred to this species.

***Eysarcoris guttigerus* (Thunberg, 1783)**

Cimex guttigerus Thunberg, 1783: 32. ST(S): JA; UZIU? (not found).

Pentatoma nepalensis Westwood, 1837: 36 (syn. Dallas, 1851a: 228). ST(S): Nepal; OXUM.

Pentatoma punctipes Westwood, 1837: 36 (junior primary homonym of *Pentatoma punctipes* Palisot de Beauvois, 1811; syn. Dallas, 1851a: 228). ST(S): India?; OXUM.

Eusarcoris potanini Jakovlev, 1890: 542 (syn. Josifov & Kerzhner, 1978: 168). LT (Josifov & Kerzhner, 1978: 168): ♂, CH (SW), Sichuan, between I-tan and Shui-tshzhin-pu; ZMAS.

Eusarcoris brevisculus Jakovlev, 1902g: 598 (syn. Josifov & Kerzhner, 1978: 169). LT (Josifov & Kerzhner, 1978: 169): ♀, KO, Fusan [= Pusan]; ZMAS.

Bainbriggeanus fletcheri Distant, 1918: 135 (syn. Leston, 1955b: 702). STS: India, Bengal, Pusa; BMNH.

Distr. AS: CH (CE NE NO SE SW WP) JA KO TA. **EL:** Oriental Region.

Ref.: Bu & L.Y. Zheng, 1997 (fig.); Kobayashi, 1953, 1960b (larva); Miyamoto & Hidaka, 1965 (fig.); Nuamah, 1982 (chrom.); Ren et al., 1990 (egg).

***Eysarcoris insularis* Dallas, 1851**

Eysarcoris insularis Dallas, 1851a: 228. ST(S): ♂, “Sandwich Is” [presumably in the Bismarck Archipelago]; BMNH.

Distr. AS: JA (Bonin Is). **EL:** Palau, “Sandwich Is”.

Ref.: Ruckes, 1963 (descr.).

***Eysarcoris latus* Walker, 1868**

Eysarcoris latus Walker, 1868: 557. ST(S): TA, “Formosa”; MVMA.

Distr. AS: TA.

***Eysarcoris lewisi* (Distant, 1883)**

Stollia lewisi Distant, 1883: 423. STS: JA, Awomori, Urasa and Seki, Niigata; BMNH.

Distr. AS: JA RU (FE: Sakhalin and Kuriles).

Ref.: Kobayashi, 1960b (egg, larva); Matsumura, 1932 (fig.); Miyamoto & Hidaka, 1965 (fig.); Muramoto, 1982 (chrom.); Yosida, 1946 (chrom.).

***Eysarcoris modestus* Distant, 1906**

Eysarcoris modestus Distant, 1906: 406. ST(S): Ceylon [= Sri Lanka], Eppawela; BMNH.

Distr. AS: IN YE. **EL:** India!, Laos!, Pakistan, Sri Lanka.

***Eysarcoris montivagus* (Distant, 1902)**

Eusarcocoris [sic] *montivagus* Distant, 1902a: 166. STS: India (Sikkim; Assam, Gáro Hills; Naga Hills; Margherita) and Burma (Pegu); BMNH, NZSI.

Distr. AS: AF CH (CE NO SE SW). **EL:** Oriental Region.

Ref.: Bu & L.Y. Zheng, 1997 (fig.); Nuamah, 1982 (chrom.); Parshad, 1957b (chrom.); Ren, 1992c (egg).

***Eysarcoris pustulatus* Walker, 1868**

Eysarcoris pustulatus Walker, 1868: 557. ST(S): TA, “Formosa”; MVMA.

Distr. AS: TA.

***Eysarcoris rosaceus* Distant, 1901**

Eysarcoris rosaceus Distant, 1901d: 109. STS: Burma, Carin Cheba [= Karennee]; MCSN.

Distr. AS: CH (SE SW WP) JA TA. **EL:** Oriental Region.

Ref.: Breddin, 1909 (fig.).

***Eysarcoris squamosus* Linnavuori, 1986**

Eysarcoris squamosus Linnavuori, 1986c: 114. HT: ♂, Somalia, San Uenle; Museo Zoologico, Università di Firenze, Florence, IT.

Distr. AS: YE. **EL:** Somalia.

***Eysarcoris trigonus* Kiritshenko, 1931**

Eysarcoris trigonus Kiritshenko, 1931a: 365. HT: ♂, CH (WP), Xizang, Chumbi; BMNH.

Distr. AS: CH (SW WP).

***Eysarcoris ventralis* (Westwood, 1837)**

Pentatoma ventralis Westwood, 1837: 36. ST(S): India or Bangladesh, Bengal; OXUM.

Pentatoma ventralis var. *pallicornis* Westwood, 1837: 36. Nomen nudum.

Pentatoma inconspicuum Herrich-Schaeffer, 1844: 93 (syn. Breddin, 1909: 273; Josifov & Kerzhner, 1978: 169). ST(S): IT, Sicily; lost.

Pentatoma pusillus (non Herrich-Schaeffer, 1833): A. Costa, 1847: 24.

Misidentification (see Puton, 1869: 5).

Eysarcoris distactus Dallas, 1851a: 226 (syn. Lethierry & Severin, 1893: 141). ST(S): ♀, locality unknown; BMNH.

Eysarcoris misellus Stål, 1854b: 217 (syn. Puton, 1869: 5, with *inconspicuus*). ST(S): South Africa, “Caffraria interiore”; NHRS.

Eysarcoris helferi Fieber, 1861: 332 (syn. Stål, 1865c: 135, with *misellus*). STS: ♂, ♀, IT, Sicily; MNHN.

Stollia rectipes Ellenrieder, 1862: 150 (syn. Stål, 1876: 82, with *distacta*). ST(S): Indonesia, Sumatra, Lahat.

Eysarcoris epistomalis Mulsant & Rey, 1866: 177. New name for *inconspicuum* Herrich-Schaeffer, 1844.

Eysarcoris mayeti Mulsant & Rey, 1872: 99 (syn. Puton, 1881a: 76, with *inconspicuus*). ST(S): FR or SP, Pyrenées; lost?

Eysarcoris pseudoaeneus Jakovlev, 1869: 117 (syn. Jakovlev, 1875: 150, with *misellus*). LT (Derzhansky et al., 2002: 370): ♂, RU (ST), Astrakhan; ZMAS.

Eysarcoris inconspicuus var. *simplex* Puton, 1881a: 76; 1881b: 55. HT: FR, Montpellier; MNHN.

Eysarcoris scutellaris Jakovlev, 1885a: 112 (syn. Kiritshenko, 1922: 9, with *inconspicuus*). LT (Derzhansky et al., 2002: 370): ♂, TM, Ashkhabad; ZMAS.

Eysarcoris egenus Jakovlev, 1900: 521 (syn. Josifov & Kerzhner, 1978: 169). LT (Josifov & Kerzhner, 1978: 169): ♀, CH (NW), Bugas, Hami; ZMAS.

Eysarcoris sindellus Distant, 1902a: 168 (syn. Josifov & Kerzhner, 1978: 169). STS: Pakistan, Sind; BMNH.

Eysarcoris schmidtii Jakovlev, 1902g: 600 (syn. Josifov & Kerzhner, 1978: 169). LT (Josifov & Kerzhner, 1978: 169): ♀, KO, Fusan [= Pusan]; ZMAS.

Eysarcoris inconspicuus var. *kwanvonensis* Yang, 1934c: 129. HT: ♂, CH (CE), Jiangxi, Kwanvon; lost.

Eysarcoris tangens Stichel, 1961: 564 (syn. Wagner, 1965b: 41, with *inconspicuus*). STS: SP, Prov. Teruel, Albarracin, Guadalaviar.

Eysarcoris confusus Fuente, 1972b: 96 (syn. Derzhansky, 2003: 116). HT: ♂, SP, Madrid, Aranjuez; Universidad Complutense, Madrid, SP.

Eysarcoris uniformis Fuente, 1972b: 97 (syn. Derzhansky, 2003: 116). HT: ♂, SP, Huelva, Coto Doñana; Universidad Complutense, Madrid, SP.

Eysarcoris hispalensis Fuente, 1972b: 99 (syn. Derzhansky, 2003: 116). HT: ♂, SP, Sevilla, Utrera; Universidad Complutense, Madrid, SP.

Eysarcoris luisae Fuente, 1972b: 101 (syn. Derzhansky, 2003: 116). HT: ♂, SP, Sevilla; Universidad Complutense, Madrid, SP.

Distr. EU: AL AU BH BU BY CR CZ ET FR GE GR HU IT MA MC MD PL PO RO

RU (ST) SK SL SP SZ UK YU. **NA:** AG AZ CI EG LB MO TU. **AS:** AB AF AR AT CH (CE NO NW SE SW WP) CY GG IN IQ IS JA KI KO KU OM QA SA SI SY TA TD TM UZ YE. **EL:** tropical Africa, Cape Verde Islands, Hawaii, Oriental Region.

Ref.: Halászfy, 1958 (larva; *inconspicuus*); Hinton, 1981 (egg; *inconspicuus*); Kobayashi, 1960b (egg, larva); Nuamah, 1982 (chrom.); Parshad, 1957b (chrom.; *inconspicuus*); Polivanova, 1964 (larva; *inconspicuus*); Ren, 1992c (egg).

***Eysarcoris venustissimus* (Schrank, 1776)**

Cimex melanocephalus Fabricius, 1775: 716 (junior primary homonym of *Cimex melanocephalus* Linnaeus, 1767, Miridae). STS: GB, “Anglia”; ZMUC.

Cimex venustissimus Schrank, 1776: 80 (syn. Wolff, 1804: 139). STS: ♂, ♀, AU, Linz; lost.

Pentatoma regalis O.G. Costa, 1834: 71 (syn. A. Costa, 1847: 24, with *melanocephalus*). Nomen nudum.

Eysarcoris fabricii Kirkaldy, 1904: 281. New name for *melanocephalus* Fabricius, 1775.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE ET FR GB GE HU IT LA LT LU MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. **NA:** AG MO TU. **AS:** AB AR AT GG IS JO.

Ref.: Halászfy, 1958 (larva; *melanocephalus*); Hinton, 1981 (egg); Nuamah, 1982 (chrom.; *fabricii*); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Note: Records of *E. venustissimus*, or its synonyms (*melanocephalus*, *fabricii*), from east of the Volga River should be referred to *E. gibbosus*.

Genus *Hermolaus* Distant, 1902

Hermolaus Distant, 1902a: 169. Type species by original designation: *Hermolaus typicus* Distant, 1902, India.

Ref.: Linnavuori, 1982b (descr., key).

***Hermolaus amurensis* Horváth, 1903**

Hermolaus amurensis Horváth, 1903b: 405. ST(S): ♂, RU (FE), Vladivostok; HNHM.

Distr. AS: JA KO RU (FE).

Ref.: Muramoto, 1973 (chrom.).

Genus *Sepontia* Stål, 1865

Sepontia Stål, 1865c: 133. Type species by monotypy: *Bolbocoris misellus* Stål, 1854.

Ref.: Linnavuori, 1982b (key); Villiers, 1952a (descr.).

[*Sepontia misella misella* (Stål, 1854)

Bolbocoris misellus Stål, 1854b: 211. LT (Linnavuori, 1975: 47, as “type”): ♂, South Africa, “Caffraria”; NHRS.

Distr.: tropical Africa.]

***Sepontia misella laticeps* Linnavuori, 1975**

Sepontia misella laticeps Linnavuori, 1975: 47. HT: ♂, Eritrea, nr Ghinda; AMNH.

Distr. AS: YE. **EL:** Eritrea, Ethiopia, Somalia.

Ref.: Linnavuori, 1986c (distr.).

Genus *Sepontiella* Miyamoto, 1990

Sepontiella Miyamoto, 1990: 21. Type species by original designation: *Sepontia aenea* Distant, 1883.

***Sepontiella aenea* (Distant, 1883)**

Sepontia aenea Distant, 1883: 422. STS: JA, Yuyama, Kumamoto; BMNH.

Distr. AS: CH (CE NO) JA KO.

Ref.: Miyamoto & Hidaka, 1965 (fig.).

Genus *Spermatodes* Bergroth, 1914

Caenina Walker, 1867b: 82 (junior homonym of *Caenina* Felder, 1861, Lepidoptera).

Type species by monotypy: *Caenina variolosa* Walker, 1867.

Spermatodes Bergroth, 1914a: 24. New name for *Caenina* Walker, 1867.

***Spermatodes variolosus* (Walker, 1867)**

Caenina variolosa Walker, 1867b: 82. HT: Birmah [= Burma]; BMNH.

Distr. AS: CH (CE SE SW). **EL:** Oriental Region.

Ref.: Ren, 1992c (egg).

Genus *Stagonomus* Gorski, 1852

Stagonomus Gorski, 1852: 81 (as subgenus of *Pentatoma*; upgraded by Puton, 1886a: 11).

Type species by monotypy: *Cimex bipunctatus* Fabricius, 1781 (= *Pentatoma amoenus* Brullé, 1832).

Onylia Mulsant & Rey, 1866: 185 (syn. Puton, 1886a: 11). Type species by monotypy:

Cimex bipunctatus Fabricius, 1781 (= *Pentatoma amoenus* Brullé, 1832).

Ref.: Derzhansky & Péricart, 2005 (monogr.).

Subgenus *Stagonomus* Gorski, 1852

***Stagonomus amoenus* (Brullé, 1832)**

Cimex bipunctatus Fabricius, 1781: 358 (junior primary homonym of *Cimex bipunctatus* Linnaeus, 1758; syn. Fieber, 1861: 333). STS: IT; ZMUC.

Cimex italicus Gmelin, 1790: 2157 (junior primary homonym of *Cimex italicus* O.F. Müller, 1766). New name for *bipunctatus* Fabricius, 1781.

Pentatoma amoenus Brullé, 1832: 70. ST(S): GR, Morea, nr Coron; MNHN?

Stagonomus amoenus f. *transparens* Fuente, 1974b: 148 (unavailable name).

HT: SP, Cuenca Prov., Cuenca; Universidad Complutense, Madrid, SP.

Distr. EU: AL BE? BH BU CR CZ EK ET FI FR GR HU IT MC MD PL PO RO RU (CT ST) SK SL SP UK YU. **NA:** AG MO TU. **AS:** AB AF AK AR AT CY GG IN IQ IS JO KI SY TD TM UZ. **EL:** India.

Ref.: Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Subgenus *Dalleria* Mulsant & Rey, 1866

Dalleria Mulsant & Rey, 1866: 180 (as genus; downgraded by Kiritschenko, 1951b: 337).

Type species by subsequent designation (Kirkaldy, 1909b: xxx): *Pentatoma pusillum* Herrich-Schaeffer, 1833 (= *Cimex bipunctatus* Linnaeus, 1758).

***Stagonomus bipunctatus* (Linnaeus, 1758)**

Cimex bipunctatus Linnaeus, 1758: 444. ST(S): “Indiis” [in error]; UZIU?

Pentatoma (Eysarcoris) consimilis A. Costa, 1847: 25 (syn. Reuter, 1888a: 111).

ST(S): IT, Sicily, nr Palermo.

Pentatoma pusillum Herrich-Schaeffer, 1833b: pl. 9 and legend (downgraded to subspecies by Isakov, 2000b: 85; syn. Derzhansky & Péricart, 2005: 313). STS: GE, Vohenstrauß and Regensburg; lost.

Eysarcoris binotatus Hahn, 1835a: 130 (syn. Fieber, 1861: 333). ST(S): GE; lost.

Eysarcoris gibbus Fieber, 1861: 333 (syn. Puton, 1881b: 53, with *consimilis*). ST(S):

♀, IT; MNHN.

Dalleria plataspis Horváth, 1883a: 22 (syn. Derzhansky & Péricart, 2005: 313). ST(S):

♀, AT; HNHN.

Distr. EU: AL AU BE BH BU BY CR CZ DE FI FR GE GR HU IT LS LT LU MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG MO TU. **AS:** AB AF AR AT CY GG IN IQ IS LE SY TD TM UZ.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Isakov, 2000b (egg, fig., larva); Nuamah, 1982 (chrom.); Polivanova, 1964 (larva); Putshkova, 1961 (egg); Seidenstücker, 1965 (descr., fig.).

***Stagonomus devius* Seidenstücker, 1965**

Stagonomus grenieri (non Signoret, 1865): Linnavuori, 1960: 15. Misidentification (see Linnavuori, 1965: 238).

Stagonomus devius Seidenstücker, 1965: 17. HT: ♂, AT, Ankara-Cubukbaraji; ZSMC.

Distr. AS: AR AT IN IQ IS SY TM.

***Stagonomus grenieri* (Signoret, 1865)**

Eusarcoris grenieri Signoret, 1865: 116. ST(S): FR (south); NHMW.

Distr. EU: FR GR IT? PO SP. **NA:** AG EG MO. **AS:** SY.

Tribe HALYINI Amyot & Serville, 1843

HALYINI Amyot & Serville, 1843: xxii, 103 (Halydes). Type genus: *Halys* Fabricius, 1803.

Genus *Apodiphus* Spinola, 1837

Apodiphus Spinola, 1837: 295. Type species by subsequent designation (Kirkaldy, 1903b: 233): *Halys hellenica* Lefebvre, 1831 (= *Halys amygdali* Germar, 1817).

Apodiphya Amyot & Serville, 1843: xxiii, 108. Unjustified emendation.

Neonevisanus Distant, 1918: 121 (syn. Ghauri, 1977a: 98). Type species by original designation: *Neonevisanus rugosus* Distant, 1918 (= *Apodiphus integriceps* Horváth, 1888).

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1902a (descr., key); Ghauri, 1977a (rev.); Lodos, 1964 (eggs).

Note: Distant (1902a) listed *Halys amygdali* Germar (1817) as the type species of *Apodiphus*, but *amygdali* was not an original member of this genus. *Amygdali* is the senior synonym of *Halys hellenica* Lefebvre, 1831, however, and this was probably Distant's intent. We cannot assume this however, and must consider his type designation invalid; Kirkaldy (1903b) correctly selected *hellenicus* as the type species.

***Apodiphus amygdali* (Germar, 1817)**

Halys amygdali Germar, 1817: 284. ST(S): CR, Spalatro [= Split].

Halys hellenica Lefebvre, 1831a: 24 (syn. Westwood, 1837: 6). HT: ♂, GR, Égine [= Aigina Is.]; MRSN.

Halys exsculpta Burmeister, 1835: 362 (syn. Herrich-Schaeffer, 1840a: 67, with *hellenica*). ST(S): GR, Corfu; MLUH.

Distr. EU: AL BH BU CR ET GR IT MC YU. **AS:** AB AR AT GG IN IQ IS LE SY TM.

Ref.: Ghauri, 1977a (descr., fig., tax.); Gidayatov, 1982 (key); Polivanova, 1964 (larva).

***Apodiphus integriceps* Horváth, 1888**

Apodiphus integriceps Horváth, 1888: 172. STS: ♂, ♀, "Turkestan"; HNHN, MNHN?

Neonevisanus rugosus Distant, 1918: 122 (syn. Ghauri, 1977a: 103). LT (Ghauri, 1977a: 103): ♀, India, United Provinces [= Uttar Pradesh], Beharigarh Saharanpor; BMNH.

Distr. AS: AF AK IN KI TD TM UZ YE. **EL:** India, Pakistan.

Ref.: Gidayatov, 1982 (key); Isakov, 1993 (egg, fig., larva).

***Apodiphus montanus* Hoberlandt, 1984**

Apodiphus montanus Hoberlandt, 1960: 57. Nomen nudum.

Apodiphus montanus Hoberlandt, 1984: 81. HT: ♂, AF, Nuristan, Kutiau; NMPC.

Distr. AS: AF. **EL:** India.

***Apodiphus pallidus* (Hoberlandt, 1959)**

Neonevisanus pallidus Hoberlandt, 1959: 499. HT: ♂, IN, Kerman, Shahdad; NMPC.

Apodiphus siazovi Kiritshenko, 1966: 800 (syn. Ghauri, 1977a: 103). HT: ♂, IN, Gasht; ZMAS.

Distr. AS: IN.

Genus *Cahara* Ghauri, 1978

Cahara Ghauri, 1978: 163. Type species by original designation: *Dalpada brevivitta* Walker, 1867, India, Pakistan.

***Cahara tibetana* L.Y. Zheng & G.Q. Liu, 1986**

Cahara tibetana L.Y. Zheng & G.Q. Liu, 1986: 163. HT: ♂, CH (WP), Xizang, Cha-yu County, Sa-jun; Beijing Agricultural University, Beijing, CH.

Distr. AS: CH (WP).

Ref.: Xu & L.Y. Zheng, 1993 (descr., fig.).

Genus *Carenoplistus* Jakovlev, 1882

Carenoplystus Jakovlev, 1882c (13 April): 94. Type species by monotypy: *Carenoplystus fixeni* Jakovlev, 1882 (= *Oestopis acuta* Signoret, 1880).

Carenoplistus Jakovlev, 1882a (May?): 349. Subsequent spelling retained under Art. 33.3.1 of the Code.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Safavi, 1979 (key).

***Carenoplistus acutus* (Signoret, 1880)**

Oestopis? acuta Signoret, 1880d: 534. ST(S): IN; MCSN.

Carenoplystus fixeni Jakovlev, 1882c: 94; 1882a: 351 (syn. Horváth, 1889a: 325). HT: ♀, AR, Sevan Distr., Semenovka; ZMAS.

Distr. AS: AB AF AR AT IN. **EL:** Pakistan.

Ref.: Gidayatov, 1982 (key); Hoberlandt, 1959 (descr., fig.).

***Carenoplistus breviceps* Kiritshenko, 1963**

Carenoplistus breviceps Kiritshenko, 1963: 374. HT: ♀, AF, Pagman, Gulbag; ZMAS.

Carenoplistus brevis: V.G. Putshkov, 1965: 176. Incorrect subsequent spelling.

Distr. AS: AF TD.

Note: Synonymy with *C. acutus* suspected by V.G. Putshkov (1965: 177).

Genus *Dalpada* Amyot & Serville, 1843

Dalpada Amyot & Serville, 1843: xxii, 105. Type species by monotypy: *Dalpada aspersa* Amyot & Serville, 1843, southeast Asia, Philippines.

Udana Walker, 1868: 549 (syn. Stål, 1876: 43). Type species by monotypy: *Udana smaragdina* Walker, 1868.

- Amasenoides* Shiraki, 1913a: 216 (syn. Esaki, 1926a: 147). Type species by original designation: *Amasenoides virescens* Shiraki, 1913 (= *Udana smaragdina* Walker, 1868).
- Extralimital subgenus: *Medenipa* Ghauri, 1982, Indonesia, Java.
- Ref.:** Distant, 1902a (descr., key); Lin & Zhang, 1993a (key); Safavi, 1979 (key).
- Note:** Esaki (1926a) placed *Amasenoides virescens* Shiraki, 1913 (the type species of *Amasenoides*), as a junior synonym of *Dalpada smaragdina* (Walker, 1868) effectively making *Amasenoides* a junior synonym of *Dalpada*.
- Dalpada cinctipes* Walker, 1867**
Dalpada cinctipes Walker, 1867b: 229. HT: CH (north); BMNH.
Distr. AS: CH (CE NO SE SW) JA (Tsushima) KO.
Ref.: Bu & L.Y. Zheng, 1997 (fig.).
- Dalpada distincta* Hsiao & Cheng, 1977**
Dalpada distincta Hsiao & Cheng, 1977: 119, 298. HT: ♂, CH (SE), Guangxi, Hua-ping, Tian-ping-shan; NKUM.
Distr. AS: CH (CE NO SE SW).
- Dalpada maculata* Hsiao & Cheng, 1977**
Dalpada maculata Hsiao & Cheng, 1977: 120, 298. HT: ♂, CH (SE), Guangdong, Gao-yao County, Mt Ding-hu; NKUM.
Distr. AS: CH (CE SE).
- Dalpada neoclavata* Rider, 1998**
Cimex clavatus Fabricius, 1798: 532 (junior primary homonym of *Cimex clavatus* Linnaeus, 1767). ST(S): India, “Tranquebariae”; ZMUC.
Dalpada neoclavata Rider, 1998a: 452. New name for *clavatus* Fabricius, 1798.
Distr. AS: CH (WP). **EL:** Oriental Region.
Ref.: Parshad, 1957b (chrom.).
- Dalpada nodifera* Walker, 1867**
Dalpada nodifera Walker, 1867b: 222. HT: CH (SE), Hong Kong; BMNH.
Distr. AS: CH (CE SE) JA. **EL:** Oriental Region.
Ref.: China, 1928 (tax.); Ren, 1992c (egg).
- Dalpada oculata* (Fabricius, 1775)**
Cimex oculata Fabricius, 1775: 703. ST(S): CH; ZMUC.
Distr. AS: CH (CE SE SW) JA KO. **EL:** Oriental Region.
Ref.: China, 1928 (distr.); Ren, 1992c (egg); Southwood, 1956 (egg); Xu & L.Y. Zheng, 1993 (descr., fig.).
- Dalpada perelegans* Breddin, 1904**
Dalpada perelegans Breddin, 1904b: 1. HT: ♂, Tonkin [= Vietnam], Mauson Mts; not located.
Distr. AS: CH (SE SW WP). **EL:** Vietnam.
- Dalpada smaragdina* (Walker, 1868)**
Udana smaragdina Walker, 1868: 549. HT: TA, “Formosa”; MVMA.
Amasenoides virescens Shiraki, 1913a: 217 (syn. Esaki, 1926a: 147). ST(S): TA, Taihoku.
Distr. AS: CH (CE NE NO SE SW WP) TA.
Ref.: Bu & L.Y. Zheng, 1997 (fig.); Lin & Zhang, 1993a (fig.).

Genus *Dendrites* Kirkaldy, 1909

Dendrites Kirkaldy, 1909b: 194. Type species by monotypy: *Dendrites kershawi* Kirkaldy, 1909.

Ref.: Kirkaldy, 1910b (descr.).

Dendrites kershawi Kirkaldy, 1909

Dendrites kershawi Kirkaldy, 1909b: 194. HT: CH (SE), Guangdong?, How-lik.

Distr. AS: CH (SE). **EL:** Oriental Region.

Ref.: Kirkaldy, 1910b (descr.).

Note: The type locality is possibly in Laos.

Genus *Erthesina* Spinola, 1837

Erthesina Spinola, 1837: 291. Type species by monotypy: *Cimex mucoreus* Fabricius, 1794 (= *Cimex fullo* Thunberg, 1783).

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key).

Erthesina fullo (Thunberg, 1783)

Cimex fullo Thunberg, 1783: 42. ST(S): JA; UZIU.

Cimex mucoreus Fabricius, 1794: 117 (syn. Dohrn, 1859: 12). ST(S): CH; ZMUC.

Dalpada japonica Walker, 1867b: 228 (syn. Distant, 1893d: 394). HT: JA; BMNH.

Apodiphus amygdali (non Germar, 1817): Shiraki, 1910: 107; Cheo, 1935: 28.

Misidentifications (see Esaki, 1926a: 146; Hoffmann, 1954: 317).

Distr. AS: AF CH (CE NE NO NW SE SW) JA TA. **EL:** Oriental Region.

Ref.: Hoffmann, 1930 (biol.); Miyamoto & Hidaka, 1965 (descr., fig.); Ren, 1992c (egg); Zhang, 1985 (egg, larva).

Erthesina ilia China, 1925

Erthesina ilia China, 1925: 452. STS: ♀, CH (SW), Yunnan, nr Shih-ku, on the Yangtsekiang and Tacheng, BMNH.

Distr. AS: CH (CE SE SW).

Genus *Halys* Fabricius, 1803

Halys Fabricius, 1803: 180. Type species by subsequent designation (Kirkaldy, 1900b: 263): *Halys dentatus* Fabricius, 1803 (= *Halys serrigera* Westwood, 1837).

Ref.: Ghauri, 1988 (tax.); Safavi, 1979 (key).

Extralimital subgenus: *Pseudocoenomorpha* Schumacher, 1913, tropical Africa.

Note: Ghauri (1988: 78) removed all species from this genus except four, but he did not mention most species by name, nor did he indicate to which genera they belong. Of the species listed below, he retained only *serrigerus* and *sulcatus* in *Halys*. The remaining species apparently belong in other genera, but are still listed here until their true taxonomic status can be determined. Doyère (1837: pl. 88) designated *Cimex mucoreus* Fabricius, 1794, the type species of *Erthesina* Spinola, 1837, as the type species of *Halys*. The ICZN should be asked to set aside this designation in order to provide stability of the generic names,

Subgenus *Halys* Fabricius, 1803

Halys hedenborgi Stål, 1865

Halys hedenborgi Stål, 1865c: 100. STS: Nubia, Bahr el Abiad; NHRS and Central Africa; NHMW.

Distr. AS: SA. **EL:** Sudan.

Ref.: Linnavuori, 1986a (fig., key).

***Halys jizanus* Linnavuori, 1986**

Halys jizanus Linnavuori, 1986a: 55. HT: ♂, SA, Jizan; NHMB.

Distr. AS: SA.

***Halys persa* Bergroth, 1919**

Halys persa Bergroth, 1919: 1. ST(S): ♂, IN, Karvandar Bampur; MZHF.

Distr. AS: AF IN SA.

Ref.: Ghauri, 1988 (tax.); Kiritshenko, 1966 (fig.); Linnavuori, 1986a (fig.).

***Halys rugosus* Distant, 1921**

Halys rugosa Distant, 1921: 5. STS: Laos (Xieng Khonang, Giranville and Haut Mekong, Vieng Vai); BMNH.

Distr. AS: CH (SW). **EL:** Laos.

Ref.: China, 1925 (distr.); Ghauri, 1988 (tax.).

***Halys serriger* (Westwood, 1837)**

Cimex dentatus Fabricius, 1775: 702 (junior primary homonym of *Cimex dentatus* De Geer, 1773). LT (Chopra, 1974: 475): ♂, India; ZMUC.

Halys serrigera Westwood, 1837: 23 (syn. Stål, 1876: 45). STS: ♂, India, Cuna [= Coonoor]; OXUM.

Distr. AS: AF CH (SE) JA. **EL:** Burma, India, Sri Lanka.

Ref.: Ghauri, 1988 (descr., fig., key, tax.); Nuamah, 1982 (chrom.); Sharma & Parshad, 1956 (chrom.).

***Halys sulcatus* (Thunberg, 1783)**

Cimex sulcatus Thunberg, 1783: 43. ST(S): ♀, India; UZIU.

Halys magnus Chopra, 1974: 477 (syn. Ghauri, 1988: 81). HT: ♂, India, Haryana, Hissar; Chopra collection (not located).

Halys qadrii Abbasi & Ahmad, 1976: 26 (syn. Ghauri, 1988: 81). HT: ♂, Bangladesh, Sreemangal [= Srimangal]; Natural History Museum, University of Karachi, Pakistan.

Distr. AS: CH (SE) JA. **EL:** Oriental Region.

Ref.: Nuamah, 1982 (chrom.).

Genus *Iskenderia* Kiritshenko, 1952

Iskenderia Kiritshenko, 1952: 148. Type species by original designation: *Iskenderia fedtshenkoi* Kiritshenko, 1952.

***Iskenderia fedtshenkoi* Kiritshenko, 1952**

Iskenderia fedtshenkoi Kiritshenko, 1952: 149. LT (Derzhansky et al., 2002: 367): ♀, TD, Khozor-Mech River nr Iskander-Kul' Lake; ZMAS.

Distr. AS: TD.

Genus *Jugalpada* Ghauri, 1975

Jugalpada Ghauri, 1975b: 629. Type species by original designation: *Dalpada varia* Dallas, 1851.

***Jugalpada varia* (Dallas, 1851)**

Dalpada varia Dallas, 1851a: 185. LT (Ghauri, 1975b: 630): ♂, Bangladesh, Silhet [= Sylhet]; BMNH.

Dalpada apicifera Walker, 1867b: 222 (syn. Distant, 1893d: 393). HT: CH (SE), Hong Kong; BMNH.

Distr. AS: CH (CE SE). **EL:** Bhutan, Burma, India.

Ref.: Yang, 1934c (descr., fig., key).

Genus *Mustha* Amyot & Serville, 1843

Mustha Amyot & Serville, 1843: xxiii, 106. Type species by monotypy: *Lygaeus serratus* sensu Amyot & Serville, 1843 (= *Halys spinosula* Lefebvre, 1831).

Ref.: Derzhansky & Péricart, 2005 (monogr.); Gidayatov, 1982 (key); Hoberlandt, 1997 (tax.); Safavi, 1979 (key).

***Mustha baranovi* Kiritshenko, 1952**

Mustha baranovi Kiritshenko, 1952: 150. LT (Derzhansky et al., 2002: 366): ♀, TD, S Pamirs, village Bedur; ZMAS.

Distr. AS: AF IN TD.

***Mustha gigantea* Horváth, 1907**

Mustha gigantea Horváth, 1907b: 515. ST(S): ♀, IN, Baktyaris Mts; HNHM.

Orthoschizops spinosus Abbasi & Ahmad, 1971: 170 (syn. Hoberlandt, 1997: 225).

HT: ♀, Pakistan, Quetta, Vam Valley; Pakistan Forest Research Institute, Peshawar, Pakistan.

Distr. AS: AF IN. **EL:** Pakistan.

***Mustha incana* Stål, 1876**

Mustha incana Stål, 1876: 48. ST(S): ♂, IN, “Persia”; NHRS.

Mustha dentata Jakovlev, 1877a: 78 (syn. Reuter, 1881c: 164). LT (Derzhansky et al., 2002: 367): IN (north); ZMAS.

Distr. NA: EG. **AS:** AF IN IS? SI SY YE.

***Mustha longispinis* Reuter, 1890**

Mustha longispinis Reuter, 1890c: 263. HT: ♂, AT, Amasia [= Amasya]; MZHF.

Distr. AS: AT.

Ref.: Gidayatov, 1982 (key); Hoberlandt, 1997 (fig., tax.).

***Mustha morgani* Horváth, 1907**

Mustha morgani Horváth, 1907b: 515. STS: ♂, ♀, IN (west); HNHM.

Distr. NA: EG. **AS:** IN IS JO SA SI. **EL:** Sahara.

***Mustha serrata* (Fabricius, 1794)**

Lygaeus serratus Fabricius, 1794: 134. LT (Hoberlandt, 1997: 224, as HT): ♀, “America” [in error]; BMNH.

Cimex serratulus Turton, 1802: 633. Unnecessary new name for *serratus* Fabricius, 1794.

Distr. AS: SY?

Ref.: Horváth, 1907b (key).

***Mustha spinosula* (Lefebvre, 1831)**

Halys spinosula Lefebvre, 1831b: 21. STS: AT, Boudja, contre Smyrne [= Budja nr Izmir]; MRSN.

Mustha serrata (non Fabricius, 1794): Amyot & Serville, 1843: 106; Fieber, 1861: 355. Misidentifications (see Dallas, 1851a: 191; Reuter, 1890c: 263).

Distr. EU: AL BH BU ET GR MC RU (ST: Caucasus) YU. **NA:** EG. **AS:** AB AR AT CY GG IN IQ IS SY TM.

Ref.: Polivanova, 1964 (larva).

***Mustha vicina* Hoberlandt, 1997**

Mustha vicina Hoberlandt, 1997: 221. HT: ♂, IN, Fars, Mian Jangal; NMPC.

Distr. AS: IN.

Genus *Neolodosocoris* Memon & Ahmad, 2002

Neolodosocoris Memon & Ahmad, 2002: 189. Type species by original designation:
Neolodosocoris chinensis Memon & Ahmad, 2002.

***Neolodosocoris chinensis* Memon & Ahmad, 2002**

Neolodosocoris chinensis Memon & Ahmad, 2002: 190. HT: ♂, CH (SE), Guangdong,
“Poh ho Dist.”; USNM.

Distr. AS: CH (SE).

Ref.: Kerzhner, 2005 (type locality).

Genus *Nevisanus* Distant, 1893

Nevisanus Distant, 1893d: 391. Type species by subsequent designation (Distant, 1902a:
122): *Nevisanus orientalis* Distant, 1893 (= *Halys alternans* Westwood, 1837), India.

Ref.: Distant, 1902a (key).

Note: Distant (1902a) listed as type species *H. alternans* (not originally included species),
but cited in its synonymy *N. orientalis* (originally included species), the latter became
the type species under Art. 69.2.2 of the Code.

***Nevisanus nagaensis* Distant, 1893**

Nevisanus nagaensis Distant, 1893d: 393. ST(S): India, Naga Hills; BMNH.

Distr. AS: CH (WP). **EL:** India.

Ref.: Xu & L.Y. Zheng, 1993 (fig.).

Genus *Paranevisanus* Distant, 1908

Paranevisanus Distant, 1908a: 435. Type species by original designation: *Paranevisanus*
subgenericus Distant, 1908 (= *Dalpada melania* Distant, 1908), India, Nepal.

Asylana Distant, 1918: 123 (syn. Ghauri, 1975c: 407). Type species by original
designation: *Asylana punjabensis* Distant, 1918 (= *Dalpada annandalei* Distant, 1908),
India.

***Paranevisanus pilipes* (Horváth, 1889)**

Apodiphus pilipes Horváth, 1889c: 29. LT (Ghauri, 1975c: 410): ♀, “Kashmir”;
HNHM.

Distr. AS: AF. **EL:** India, Pakistan.

Genus *Pseudatelus* Linnavuori, 1982

Pseudatelus Linnavuori, 1982b: 62. Type species by original designation: *Pentatoma*
spinulosa Palisot de Beauvois, 1807, tropical Africa.

Extralimital subgenus: *Pseudomemmia* Linnavuori, 1982, tropical Africa.

***Pseudatelus arabicus* (Linnavuori, 1975)**

Atelocera arabica Linnavuori, 1975: 22. HT: ♂, YE; NMWC.

Distr. AS: YE.

Ref.: Linnavuori, 1982b (fig.).

Genus *Saontarana* Distant, 1918

Saontarana Distant, 1918: 122. Type species by monotypy: *Saontarana burmanica*
Distant, 1918.

***Saontarana burmanica* Distant, 1918**

Saontarana burmanica Distant, 1918: 122. ST(S): Burma, Maymyo; BMNH.

Distr. AS: CH (SW). **EL:** Burma.

Genus *Sarju* Ghauri, 1977

Sarju Ghauri, 1977b: 10. Type species by original designation: *Halys obscura* Westwood, 1837.

***Sarju burmana burmana* Ghauri, 1977**

Sarju burmana Ghauri, 1977b: 13, 22. HT: ♂, Burma, Mishmi Hill, nr Delei River; BMNH.

Distr. AS: CH (SW WP). **EL:** Burma.

Extralimital subspecies: *Sarju burmana khasiana* Ghauri, 1977, India, Pakistan.

***Sarju eremica* (Hoberlandt, 1959)**

Dalpada eremica Hoberlandt, 1959: 502. HT: ♀, IN, Baluchistan, Sarbaz, Dapkor; NMPC.

Distr. AS: AF IN. **EL:** Pakistan.

Ref.: Ghauri, 1977b (descr., fig., key).

[*Sarju lata lata* Ghauri, 1977

Sarju lata Ghauri, 1977b: 18. HT: ♂, Pakistan, between Gilgit and Nagy; BMNH.
Distr.: India, Pakistan.]

***Sarju lata quadrata* Ghauri, 1977**

Sarju lata quadrata Ghauri, 1977b: 20. HT: ♂, Pakistan, Jhelam Valley; BMNH.

Distr. AS: AF. **EL:** Pakistan.

***Sarju nigricollis* (Westwood, 1837)**

Halys nigricollis Westwood, 1837: 22. LT (Ghauri, 1977b: 13): ♂, Nepal; OXUM.

Halys obscura Westwood, 1837: 22 (syn. Dallas, 1851a: 184). LT (Ghauri, 1977b: 13): ♀, India, Bengal; OXUM.

Distr. AS: CH (SE WP) JA. **EL:** Bhutan, India, Nepal.

Note: Contrary to Kirkaldy (1909b: 193) and Ghauri (1977: 12), the valid name is *S. nigricollis*, selected by the first reviser, not *S. obscura* having line priority.

***Sarju pavlovskii* (Kiritshenko, 1952)**

Dalpada pavlovskii Kiritshenko, 1952: 145. LT (Derzhansky et al., 2002: 369): ♂, TD, Kondara nr Varzob; ZMAS.

Distr. AS: AF TD.

Ref.: Ghauri, 1977b (descr., fig., key); Kiritshenko, 1964 (fig.).

[*Sarju taungyiana taungyiana* Ghauri, 1977

Sarju taungyiana Ghauri, 1977b: 15. HT: ♂, Burma, Taungyi; BMNH.
Distr.: Burma.]

***Sarju taungyiana chapa* Ghauri, 1977**

Sarju taungyiana chapa Ghauri, 1977b: 15. HT: ♂, Vietnam, Chapa; BMNH.

Dalpada jugatoria (non Lethierry, 1891): Hsiao & Cheng, 1977: 121; Zhang & Lin, 1981: 138; Zhang et al., 1987: 141. Misidentifications (see L.Y. Zheng & G.Q. Liu, 1986: 160).

Distr. AS: CH (SE SW WP). **EL:** Vietnam.

Note: L.Y. Zheng & G.Q. Liu (1986) indicate that all previous Chinese records of *Dalpada jugatoria* actually refer to this species.

Genus *Sinometis* L.Y. Zheng & G.Q. Liu, 1987

Sinometis L.Y. Zheng & G.Q. Liu, 1987a: 286. Type species by original designation:
Sinometis emeiensis L.Y. Zheng & G.Q. Liu, 1987.

***Sinometis emeiensis* L.Y. Zheng & G.Q. Liu, 1987**

Sinometis emeiensis L.Y. Zheng & G.Q. Liu, 1987a: 287. HT: ♂, CH (SW), Sichuan,
Mt Emei, Jiu-lao-dong; Beijing Agriculture University, Beijing, CH.

Distr. AS: CH (SW).

***Sinometis lingxianensis* Lin & Zhang, 1992**

Sinometis lingxianensis Lin & Zhang in Zhang et al., 1992: 247. HT: ♂, CH (CE),
Hunan, Ling-xian County; IZAS.

Distr. AS: CH (CE).

Genus *Tachengia* China, 1925

Tachengia China, 1925: 450. Type species by original designation: *Tachengia askra*
China, 1925.

***Tachengia askra* China, 1925**

Tachengia askra China, 1925: 451. HT: ♂, CH (SW), Yunnan, Tacheng; BMNH.
Tachengia asora: Hoffmann, 1932: 8. Incorrect subsequent spelling.

Distr. AS: CH (SW).

***Tachengia viridula* Hsiao & Cheng, 1977**

Tachengia viridula Hsiao & Cheng, 1977: 121, 298. HT: ♂, CH (SW), Sichuan,
Mt Emei;
NKUM.

Distr. AS: CH (SW WP).

Ref.: Xu & L.Y. Zheng, 1993 (descr., fig.).

***Tachengia yunnana* Hsiao & Cheng, 1977**

Tachengia yunnana Hsiao & Cheng, 1977: 122, 298. HT: ♂, CH (SW), Yunnan,
Xishuangbanna; NKUM.

Distr. AS: CH (SW WP).

Genus *Tmetopsis* Kiritshenko, 1947

Tmetopsis Kiritshenko, 1947: 72. Type species by original designation: *Tmetopsis chinensis*
Kiritshenko, 1947.

***Tmetopsis chinensis* Kiritshenko, 1947**

Tmetopsis chinensis Kiritshenko, 1947: 73. HT: ♂, CH; ZMAS.

Distr. AS: CH (SE SW).

Ref.: Rider et al., 2002 (distr.).

Tribe HOPLISTODERINI Atkinson, 1888

HOPLISTODERINI Atkinson, 1888b: 66 (Hoplisteraria). Type genus: *Hoplistera*
Westwood, 1837.

Genus *Alcimocoris* Bergroth, 1891

Alcimus Dallas, 1851a: 218 (junior homonym of *Alcimus* Loew, 1848, Diptera). Type
species by monotypy: *Alcimus lineolatus* Dallas, 1851, Philippines.

Alcimocoris Bergroth, 1891: 214. New name for *Alcimus* Dallas, 1851.

Ref.: Distant, 1902a (descr., key).

***Alcimocoris borealis* (Distant, 1883)**

Alcimocoris borealis Distant, 1883: 423. ST(S): JA, Nara; BMNH.

Distr. AS: JA.

***Alcimocoris coronatus* (Stål, 1876)**

Alcimocoris coronatus Stål, 1876: 88. ST(S): ♀, India, Dekan; NHRS.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

***Alcimocoris flavicornis* (Distant, 1887)**

Alcimocoris flavicornis Distant, 1887: 349. STS: India, Sikkim; BMNH.

Distr. AS: CH (SW). **EL:** India.

***Alcimocoris japonensis* (Scott, 1880)**

Alcimocoris japonensis Scott, 1880: 310. HT: JA; BMNH.

Alcimocoris borealis (non Distant, 1883): Matsumura, 1913: 112; 1930: 106; 1931: 1177. Misidentification (see Takara, 1957: 27).

Distr. AS: CH (CE NO) JA KO TA.

Ref.: Katsura & Miyatake, 1993 (egg, larva); Miyamoto & Hidaka, 1965 (fig.).

***Alcimocoris potanini* Horváth, 1892**

Alcimocoris potanini Horváth, 1892: 134. STS: ♀, CH (NO), Gansu, Tshagon and valley of the River Wei-ho; HNHM.

Distr. AS: CH (NO).

Genus *Hoplistodera* Westwood, 1837

Hoplistodera Westwood, 1837: 18. Type species by monotypy: *Hoplistodera testacea* Westwood, 1837, Indonesia.

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key).

***Hoplistodera fergussoni* Distant, 1911**

Hoplistodera fergussoni Distant, 1911b: 344. ST(S): CH (SW), Sichuan, Mts 50 miles northwest of Chengtu; BMNH.

Distr. AS: CH (CE NO SE SW WP).

Ref.: Bu & L.Y. Zheng, 1997 (distr., fig.); Ren, 1992c (egg).

***Hoplistodera incisa* Distant, 1887**

Hoplistodera incisa Distant, 1887: 349. STS: India (Mungphu, Sikkim, Assam); BMNH.

Distr. AS: CH (SE SW). **EL:** Burma, India, Vietnam.

Ref.: Ren, 1992c (egg).

***Hoplistodera longispina* Hsiao & Cheng, 1977**

Hoplistodera longispina Hsiao & Cheng, 1977: 131, 298. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Meng-ah; TMNH.

Distr. AS: CH (SW).

***Hoplistodera pulchra* Yang, 1934**

Hoplistodera pulchra Yang, 1934c: 110. HT: ♂, CH (CE), Jiangxi, Shanyao; lost.

Distr. AS: CH (CE NO SE SW WP).

***Hoplistodera virescens* Dallas, 1851**

Hoplistodera virescens Dallas, 1851a: 217. ST(S): ♂, India (north); BMNH.

Distr. AS: CH (SW WP). **EL:** Burma, India.

Genus *Paracritheus* Bergroth, 1891

Astyanax Stål, 1868b: 511 (junior primary homonym of *Astyanax* Baird & Girard, 1854, Pisces). Type species by original designation: *Scutellera trimaculata* Lepeletier & Serville, 1828.

Paracritheus Bergroth, 1891: 214. New name for *Astyanax* Stål, 1868.

***Paracritheus trimaculatus* (Lepeletier & Serville, 1828)**

Scutellera trimaculata Lepeletier & Serville, 1828: 411. ST(S): ♂, Indonesia, Java; MNHN?

Hoplistodera gibba Vollenhoven, 1868a: 181 (syn. Schouteden, 1907d: 40). ST(S): ♂, Indonesia, Sulawesi, Gorontalo; RMNH.

Distr. AS: CH (SE). **EL:** Oriental Region.

Genus *Paralcimocoris* Zhang & Lin, 1988

Paralcimocoris Zhang & Lin, 1988a: 88, 90. Type species by original designation:

Paralcimocoris chinensis Zhang & Lin, 1988.

***Paralcimocoris chinensis* Zhang & Lin, 1988**

Paralcimocoris chinensis Zhang & Lin, 1988a: 88, 91. HT: ♂, CH (WP), Xizang, Medog; IZAS.

Distr. AS: CH (WP).

Genus *Stachyomia* Stål, 1871

Stachyomia Stål, 1871: 628. Type species by monotypy: *Stachyomia vulnerabilis* Stål, 1871, Philippines.

***Stachyomia rubra* Z.Y. Chen, 1992**

Stachyomia rubra Z.Y. Chen, 1992: 98. HT: ♂, CH (SE), Guangdong, Xinyi County, Dawuling Mt.; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE).

Tribe LESTONOCORINI Ahmad & Mohammad, 1980

LESTONOCORINI Ahmad & Mohammad, 1980: 13. Type genus: *Lestonocoris* Ahmad & Mohammad, 1980, Pakistan.

GYNENICINI Shafee & Azim, 1984: 1 (syn. Schaefer & Ahmad, 1987b: 444). Type genus: *Gynenica* Dallas, 1851.

Genus *Gynenica* Dallas, 1851

Gynenica Dallas, 1851a: 180. Type species by monotypy: *Gynenica marginella* Dallas, 1851, southern Africa.

Gastroxys Horváth, 1904a: 257 (syn. Horváth, 1909a: 631). Type species by monotypy: *Gastroxys funerea* Horváth, 1904, tropical Africa.

Ref.: Distant, 1902a (descr., key); Linnavuori, 1982b (key).

***Gynenica tellini* Schouteden, 1905**

Gynenica tellini Schouteden, 1905d: 8. HT: ♀, Eritrea, Glinda; MRAC.

Distr. AS: YE. **EL:** Eritrea, Ethiopia.

Ref.: Linnavuori, 1975, 1989 (distr., fig.).

***Gynenica vicaria* Linnavuori, 1989**

Gynenica vicaria Linnavuori, 1989: 10. HT: ♀, YE, Ta'izz, on road to Mocha; NMWC.

Distr. AS: YE.

Tribe MECIDEINI Distant, 1902

MECIDEINI Distant, 1902a: 140 (Mecidaria). Type genus: *Mecidea* Dallas, 1851.

Genus *Mecidea* Dallas, 1851

Mecidea Dallas, 1851a (after 1 July): 139. Type species by subsequent designation (Distant, 1902a: 140): *Mecidea indica* Dallas, 1851.

Cerataulax Signoret, 1851c (1 Nov.): 335 (syn. Dallas, 1852b: 8). Type species by monotypy: *Cerataulax quadrivittatus* Signoret, 1851, Africa.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1902a (descr.); Sailer, 1952b (rev.); Wagner, 1957c (rev.).

Mecidea indica Dallas, 1851

Mecidea indica Dallas, 1851a: 139. ST(S): ♀, India, Bengal; BMNH.

Distr. AS: CH (SW). **EL:** India, Pakistan.

Ref.: Sailer, 1952b (descr., fig.).

Mecidea lindbergi Wagner, 1954

Mecidea pallida (non Stål, 1854): Horváth, 1909b: 290; Lindberg, 1936: 20.

Misidentification (see Lindberg, 1953: 36).

Mecidea lindbergi Lindberg, 1953: 36. Nomen nudum.

Mecidea lindbergi Wagner, 1954a: 3. HT (see Aukema & Kerzhner, 2005: 70): ♀, CI, Tenerife, Puerto de la Cruz; ZMUH.

Mecidea lindbergi var. *virescens* Wagner, 1954a: 5. LT (Aukema & Kerzhner, 2005: 70): ♀, CI, Tenerife, Puerto de la Cruz; ZMUH.

Mecidea pallida (non Stål, 1854): Carapezza, 1981: 88. Misidentification (see Carapezza, 1988: 123).

Distr. EU: FR GR IT RO. **NA:** AG CI EG? MO TU. **AS:** AF IN IQ IS JO SA SY TM YE. **EL:** Burkina Fasso, Cape Verde Is.

Ref.: Heiss, 1997 (figs); Isakov, 2004 (preimaginal stages); Wagner, 1957c (descr., fig.).

Mecidea pallida Stål, 1854

Mecidea pallida Stål, 1854a: 233. LT (Wagner, 1949a: 191, as HT): ♀, Sudan, “Nubia Superior”; NHRS.

Mecidea pallida var. *virens* Vidal, 1949: 118. STS: AG, Boufarik and Tarfaia; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: AG EG LB. **EL:** tropical Africa.

Ref.: Sailer, 1952b (descr., fig.); Wagner, 1957c (descr., fig.).

Mecidea pallidissima Jensen-Haarup, 1922

Mecidea pallidissima Jensen-Haarup, 1922: 8. HT: ♀, Eritrea; ZMUC.

Mecidea ingramsii China, 1936: 96 (syn. Sailer, 1952b: 494). HT: ♀, YE, Hadhramaut, Gaur el Murekabah; BMNH.

Mecidea lepineyi Lindberg, 1938a: 87 (syn. Wagner, 1957c: 8). ST(S): W Sahara, El Djouf; MZHF.

Mecidea straminea Vidal, 1949: 118 (syn. Wagner, 1957c: 8). HT: ♀, Mauritania, Fort-Trinquet [= Bir Moghrein]; Institut Scientifique Chérifien, Rabat, MO.

Mecidea lepineyi Vidal, 1949: 119 (junior primary homonym of *Mecidea lepineyi* Lindberg, 1938; syn. Wagner, 1957c: 8). HT: ♂, MO, Moroccan Sahara, Tatta; Institut Scientifique Chérifien, Rabat, MO.

Mecidea sahariana Wagner, 1949a: 190 (syn. Wagner, 1957c: 8). LT (Aukema &

Kerzhner, 2005: 70): ♂, Spanish Sahara, Sebka Um Seikira; ZMUH.
Mecidea vidali Sailer, 1952b: 501. New name for *lepineyi* Vidal, 1949.
Mecidea cadenati Villiers, 1956b: 1216 (syn. Linnavuori, 1982b: 56). STS: French Sudan (Diafarabé) and Senegal (Corée); IFAN?
Distr. NA: CI EG LB. **AS:** IN IQ IS KU SA SI YE. **EL:** Cape Verde Islands, India, tropical Africa.
Ref.: Heiss, 1997 (figs), Linnavuori, 1982b (spermatheca); Sailer, 1952b (descr., fig.).

***Mecidea rungsi* Vidal, 1949**

Mecidea rungsi Vidal, 1949: 118. HT: ♀, MO, Moroccan Sahara, Mader Bergat; Institut Scientifique Chérifien, Rabat, MO.
Distr. NA: MO.
Ref.: Wagner, 1957c (descr.).
Note: The record from IT (Sicily) refers to *M. lindbergi* (Derzhansky & Péricart, 2005).

Tribe MENIDINI Atkinson, 1888

MENIDINI Atkinson, 1888a: 133 (Menidaria). Type genus: *Menida* Motschulsky, 1861.

Genus *Anchesmus* Stål, 1876

Anchesmus Stål, 1876: 100. Type species by monotypy: *Anchesmus ruficornis* Stål, 1876 (= *Rhaphigaster rubriplaga* Walker, 1867).
Khondana Distant, 1918: 143 (syn. China, 1926: 38). Type species by original designation: *Rhaphigaster rubriplaga* Walker, 1867.
Ref.: Safavi, 1979 (key).

***Anchesmus rubriplaga* (Walker, 1867)**

Rhaphigaster rubriplaga Walker, 1867a: 365. HT: India, Hindostan; BMNH.
Anchesmus ruficornis Stål, 1876: 100 (syn. Seidenstücker, 1957: 72). STS: ♀, EG; MZHF, NHRS.
Distr. NA: AG EG LB TU. **AS:** IN IS JO KU SA YE. **EL:** Ethiopia, India, Pakistan.
Ref.: Carapezza, 1997 (fig.).

Genus *Apines* Dallas, 1851

Apines Dallas, 1851a: 231. Type species by monotypy: *Apines concinna* Dallas, 1851, India.

***Apines insignita* (Bergroth, 1919)**

Menida insignita Bergroth, 1919: 2. ST(S): ♀, IN, Kirman [now in Prov. Sistan and Baluchestan], Hunikaka; MZHF.
Actuarius satrapes Oshanin, 1922b: 153 (syn. Bergroth, 1923: 71). LT (Derzhansky et al., 2002: 370): ♂, IN, Kirman [now in Prov. Sistan and Baluchestan], Hunikaka; ZMAS.
Distr. AS: AF IN.
Ref.: Hoberlandt, 1959 (descr., fig.).

Genus *Cresphontes* Stål, 1868

Cresphontes Stål, 1868b: 513. Type species by subsequent monotypy (Haglund, 1868: 157): *Cresphontes nigromaculatus* Haglund, 1868 (= *Rhaphigaster monsoni* Westwood, 1837).
Ref.: Azim & Shafee, 1984 (descr., key); Distant, 1902a (descr., key).

***Cresphontes monsoni* (Westwood, 1837)**

Raphigaster [sic] *monsoni* Westwood, 1837: 31. ST(S): South Africa, Cape of Good Hope [in error?]; OXUM.

Cresphontes nigromaculatus Haglund, 1868: 157 (syn. Distant, 1901h: 814). ST(S): ♂, India, Deccan; NHRS.

Distr. AS: CH (SW). **EL:** India, South Africa [in error?].

Ref.: Distant, 1902a (fig.).

Genus *Dabessus* Distant, 1902

Dabessus Distant, 1902a: 234. Type species by original designation: *Rhaphigaster repellens* W.F. Kirby, 1892, India, Sri Lanka.

***Dabessus albovittatus* Hsiao & Cheng, 1977**

Dabessus albovittatus Hsiao & Cheng, 1977: 155, 300. HT: ♀, CH (SE), Hainan, Wan-ning County; TMNH.

Distr. AS: CH (SE).

***Dabessus malayanus* (Distant, 1900)**

Araducta malayana Distant, 1900d: 428. ST(S): Malaysia, Pulo [= Is.] Penang [= Pulo]; BMNH.

Distr. AS: CH (SE). **EL:** Oriental Region.

Genus *Desertomenida* Kiritschenko, 1914

Desertomenida Kiritschenko, 1914a: 399. Type species by original designation: *Menida quadrimaculata* Horváth, 1892.

Chersomenida Horváth, 1914: 659. New name for *Desertomenida* Kiritschenko, 1914.

***Desertomenida albula* Kiritschenko, 1914**

Desertomenida albula Kiritschenko, 1914a: 399. HT: ♂, UZ, Termez; ZMAS.

Distr. AS: AK CH (NW) IN KI MG TM UZ.

***Desertomenida jakowleffi* (Horváth, 1907)**

Menida poecila Jakovlev, 1903d: 378 (junior secondary homonym of *Rhaphigaster poecila* Dallas, 1851). LT (Derzhansky et al., 2002: 370): ♀, TM, Transcaspienne; ZMAS.

Menida jakowleffi Horváth, 1907a: 297. New name for *poecila* Jakovlev, 1903.

Menida jakovlevi Oshanin, 1912: 16. Incorrect subsequent spelling.

Distr. AS: AK IN TM UZ.

***Desertomenida quadrimaculata* (Horváth, 1892)**

Menida quadrimaculata Horváth, 1892: 134. STS: ♂, ♀, CH (NW), Inner Mongolia, Gobi desert, Khara-Sukhoi; HNHM.

Distr. AS: AK CH (NW) MG TD TM UZ.

Genus *Dunnius* Distant, 1902

Dunnius Distant, 1902a: 231. Type species by original designation: *Rhaphigaster fulvescens* Dallas, 1851.

Mycterizon Breddin, 1909: 279 (syn. Distant, 1918: 145). Type species by monotypy:

Araducta bella Distant, 1900, India, Sri Lanka.

***Dunnius fulvescens* (Dallas, 1851)**

Rhaphigaster fulvescens Dallas, 1851a: 283. ST(S): ♀, locality unknown; BMNH.

Distr. AS: CH (SE SW). **EL:** Burma, India.

***Dunnius minor* L.Y. Zheng & G.Q. Liu, 1987**

Dunnius minor L.Y. Zheng & G.Q. Liu, 1987b: 186. HT: ♂, CH (SW), Yunnan, Jing-hong County; NKUM.

Distr. AS: CH (SW).

Genus *Menida* Motschulsky, 1861

Menida Motschulsky, 1861: 23. Type species by subsequent designation (Distant, 1902a: 226): *Menida violacea* Motschulsky, 1861.

Stromatocoris Jakovlev, 1876b: 92 (syn. Horváth, 1889a: 325; Lethierry & Severin, 1893: 174). Type species by subsequent designation (Kirkaldy, 1909b: 131): *Stromatocoris amoenus* Jakovlev, 1876 (= *Rhaphigaster disjunctus* Uhler, 1860).

Pygomenida Breddin, 1898: 116 (syn. Distant, 1902a: 226). Type species by original designation: *Pentatoma varipennis* Westwood, 1837.

Extralimital subgenus: *Vanessomenida* Linnavuori, 1982, tropical Africa.

Subgenus *Menida* Motschulsky, 1861

***Menida afghana* Hoberlandt, 1984**

Menida afghana Hoberlandt, 1984: 110. HT: ♀, AF, Nuristan, Bashgul Valley; NMPC.

Distr. AS: AF.

***Menida apicalis* (Dallas, 1851)**

Rhaphigaster apicalis Dallas, 1851a: 285. ST(S): ♀, India (north); BMNH.

Distr. AS: AF. **EL:** India, Pakistan.

Ref.: Hoberlandt, 1984 (descr., fig., key).

***Menida disjuncta* (Uhler, 1860)**

Rhaphigaster disjunctus Uhler, 1860: 224. LT (Rider et al., 2002: 11): ♀, CH (SE), Hong Kong; USNM.

Stromatocoris amoenus Jakovlev, 1876b: 93 (junior secondary homonym of *Rhaphigaster amoenus* Stål, 1854; syn. Derzhansky et al., 2002: 365). LT (Derzhansky et al., 2002: 365): ♀, RU (FE), Ussuri River; ZMAS.

Menida scotti Puton, 1886a: 94. New name for *amoenus* Jakovlev, 1876.

Menida scotti var. *sinensis* Reuter, 1888b: 63, 64. ST(S): CH (NO), Beijing; MNHN.

Distr. AS: CH (CE NE NO SE SW WP) JA KO RU (ES FE) TA.

Ref.: Matsumura, 1932 (fig.; *scotti*); Muramoto, 1982 (chrom.; *scotti*); Ren, 1992c (egg; *scotti*).

***Menida formosa* (Westwood, 1837)**

Pentatoma formosa Westwood, 1837: 34. ST(S): CH; OXUM.

Rhaphigaster spectandus Stål, 1860b: 230 (syn. Stål, 1863a: 502). ST(S): ♀, Malaysia, Malacca [= Melaka]; NHRS.

Rhaphigaster albidens Ellenrieder, 1862: 159 (syn. Stål, 1876: 99). ST(S): Indonesia, Sumatra, Lahat.

Rhaphigaster nitens Vollenhoven, 1868a: 187 (syn. Breddin, 1898: 119). ST(S): ♀, Indonesia, Sumatra; RMNH.

Distr. AS: CH (CE SE SW WP) TA. **EL:** Oriental Region.

***Menida lata* Yang, 1934**

Menida lata Yang, 1934c: 95. HT: ♀, CH (CE), Jiangxi, Kwanvon; lost.

Distr. AS: CH (CE NO SE SW).

Ref.: Zhang, 1985 (fig.).

***Menida maculiscutellata* Hsiao & Cheng, 1977**

Menida maculiscutellata Hsiao & Cheng, 1977: 112, 298. HT: ♀, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (CE SE SW).

Ref.: Bu & L.Y. Zheng, 1997 (distr., fig.).

***Menida megapila* (Walker, 1867)**

Eysarcoris megapilus Walker, 1867a: 276. STS: CH (“north” and SE: Hong Kong); BMNH (see Distant, 1900d: 431, 434; Josifov & Kerzhner, 1978: 170).

Antestia megapila Walker, 1868: 559. Junior objective synonym (see Josifov & Kerzhner, 1978: 170).

Eusarcoris guttiger (non Thunberg, 1783): Shiraki, 1913a: 217. Misidentification (see Esaki, 1926a: 150).

Distr. AS: CH (SE) TA.

Ref.: Josifov & Kerzhner, 1978 (tax.).

***Menida metallica* Hsiao & Cheng, 1977**

Menida metallica Hsiao & Cheng, 1977: 113, 298. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (SW).

***Menida mosaica* L.Y. Zheng & G.Q. Liu, 1987**

Menida mosaica L.Y. Zheng & G.Q. Liu in L.Y. Zheng et al., 1987: 218. HT: ♂, CH (SW), Yunnan, Mt Yulong; NKUM.

Distr. AS: CH (SW).

***Menida musiva* (Jakovlev, 1876)**

Stromatocoris musivus Jakovlev, 1876b: 96. LT (Derzhansky et al., 2002: 369): ♀, RU (FE), Ussuri River; ZMAS.

Menida japonica Distant, 1883: 425 (syn. Horváth, 1889a: 325). ST(S): JA, Nagasaki; BMNH.

Distr. AS: CH (NE SW) JA KO RU (FE) TA.

Ref.: Miyamoto & Hidaka, 1965 (fig.).

***Menida ornata* Kirkaldy, 1910**

Menida ornata Kirkaldy, 1910b: 106. ST(S): CH (SW), Yunnan, Tali; SEMC?

Distr. AS: CH (SW).

***Menida pinicola* L.Y. Zheng & G.Q. Liu, 1987**

Menida pinicola L.Y. Zheng & G.Q. Liu in L.Y. Zheng et al., 1987: 220. HT: ♂, CH (SW), Yunnan, Mt Yulong; NKUM.

Distr. AS: CH (CE SW).

***Menida poecila* (Dallas, 1851)**

Rhaphigaster poecilus Dallas, 1851a: 287. ST(S): ♀, South Africa; BMNH.

Distr. AS: SA YE. **EL:** Ethiopia, Somalia, South Africa.

Ref.: Linnavuori, 1975, 1982b (fig.).

***Menida schultheissi* (Breddin, 1898)**

Neostrachia schultheissi Breddin, 1898: 114. HT: ♀, Indonesia, E Borneo; Schultheiss collection (not located).

Apines grisea Banks, 1909: 562 (syn. Bergroth, 1922: 78). HT: Philippines, Palawan, Iwahig; Entomological Collection, Bureau of Science, Manila, Philippines.

Distr. AS: JA (Ryukyus). **EL:** Indonesia (Borneo), Malaysia, Philippines.

Ref.: Miyamoto & Hidaka, 1960 (fig.).

***Menida speciosa* L.Y. Zheng & Xiong, 2001**

Menida speciosa L.Y. Zheng & Xiong, 2001: 216. HT: ♂, CH (SW), Yunnan, Simao County, Lou-luo-xin-zai Mt.; NKUM.

Distr. AS: CH (SW).

***Menida szechuensis* Hsiao & Cheng, 1977**

Menida szechuensis Hsiao & Cheng, 1977: 112, 298. HT: ♂, CH (SW), Sichuan, Xiaojin County, Bajiao; NKUM.

Distr. AS: CH (CE NO SE SW WP).

***Menida transversa transversa* (Signoret, 1861)**

Rhaphigaster transversus Signoret, 1861: 936. ST(S): Madagascar; NHMW.

Menida distanti Horváth, 1893: 258 (syn. Leston, 1955b: 700). ST(S): ♂, “Africa Centralis”; HNHM.

Distr. AS: SA YE. **EL:** tropical Africa.

Extralimital subspecies: *Menida transversa ochracea* Cachan, 1952, Madagascar.

Ref.: Cachan, 1952 (descr., fig.); Linnavuori, 1975, 1982b (distr., fig.).

***Menida varipennis* (Westwood, 1837)**

Pentatoma varipennis Westwood, 1837: 43. ST(S): Indonesia, Java; OXUM.

Distr. AS: AF CH (CE SE SW). **EL:** Oriental Region.

Ref.: Bu & L.Y. Zheng, 1997 (distr., fig.); Hoberlandt, 1984 (fig., key).

***Menida versicolor* (Gmelin, 1790)**

Cimex histrio Fabricius, 1787: 296 (junior primary homonym of *Cimex histrio* Linnaeus, 1758). STS: India, “Tranquebariae”; ZMUC.

Cimex versicolor Gmelin, 1790: 2155. New name for *histrio* Fabricius.

Pentatoma bengalensis Westwood, 1837: 36 (syn. Distant, 1901h: 815). ST(S): India or Bangladesh, Bengalia; OXUM.

Rhaphigaster concinnus Dallas, 1851a: 285 (syn. Stål, 1868a: 34, with *histrio*). STS: ♂, ♀, locality unknown; BMNH.

Rhaphigaster strachioides Walker, 1867a: 365 (syn. Distant, 1900d: 433). HT: India, Hindostan; BMNH.

Menida histrio var. *dilutior* Breddin, 1909: 280. ST(S): Sri Lanka, Kanthaley; DEIC?

Menida ceylanica Breddin, 1909: 280 (syn. Distant, 1918: 142). LT (Gaedike, 1971: 82): Sri Lanka, Puttalam; DEIC.

Distr. AS: CH (CE SE SW WP) JA (Ryukyus) TA. **EL:** Oriental Region.

Ref.: Manna, 1962 (chrom.; *bengalensis*); Nuamah, 1982 (chrom.; *bengalensis*); Rider, 1998a (nomencl.).

***Menida violacea* Motschulsky, 1861**

Menida violacea Motschulsky, 1861: 23. LT (Kerzhner & Jansson, 1985: 43): ♀, JA; ZMUM.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE) TA. **EL:** India.

Ref.: Kerzhner & Jansson, 1985 (tax.); Kobayashi, 1953 (larva); Matsumura, 1932 (fig.); Miyamoto & Hidaka, 1965 (fig.); Nuamah, 1982 (chrom.); Ren, 1992c (egg).

***Menida vitalisana* Distant, 1921**

Menida vitalisana Distant, 1921: 43. ST(S): Vietnam, Chapa; BMNH.

Distr. AS: CH (SW). **EL:** Vietnam.

Genus *Neostrachia* Saunders, 1877

Neostrachia Saunders, 1877: 103. Type species by monotypy: *Neostrachia hellenica* Saunders, 1877 (= *Rhaphigaster bisignatus* Walker, 1867).

Keriahana Distant, 1918: 143 (syn. Leston, 1955b: 698). Type species by original designation: *Menida elongata* Distant, 1902 (= *Rhaphigaster bisignatus* Walker, 1867).

Ref.: Rider, 1998b (nomencl.).

Note: This genus has had a very confused taxonomic history. Most recent workers have followed Bergroth (1923), in treating *Keriahana* as a synonym of *Menida*. At the same time, other workers have considered *Neostrachia* to be a junior synonym of *Apines*. Leston (1955b), however, placed *elongata* (type of *Keriahana*) as a junior synonym of *bisignata* (type of *Neostrachia*) without mentioning either genus. More recently, Ahmad et al. (1974), resurrected the use of *Keriahana* as a valid genus; he treated *elongata* and *bisignata* as separate species, but both in *Keriahana*. If *Keriahana* and *Neostrachia* are congeneric, and are taxonomically different from *Menida* and *Apines*, then *Neostrachia* is the senior name. *Menida* is undoubtedly a large and diverse group of species, desperately in need of revision. The actual status of this group of genera will remain a question until such a revision is completed.

Neostrachia bisignata (Walker, 1867)

Rhaphigaster bisignatus Walker, 1867a: 366. HT: India, Hindostan; BMNH.

Neostrachia hellenica Saunders, 1877: 103 (syn. Leston, 1955b: 698). ST(S): GR; BMNH.

Menida elongata Distant, 1902a: 230 (syn. Leston, 1955b: 698). ST(S): Burma, Teinzo; BMNH.

Distr. EU: GR. **NA:** TU. **AS:** CH (CE) SA. **EL:** Burma, India, Pakistan.

Ref.: Carapezza, 1997 (fig.).

Genus *Saceseurus* Breddin, 1900

Saceseurus Breddin, 1900c: 320. Type species by monotypy: *Saceseurus bicolor* Breddin, 1900 (= *Brachycoris insignis* Distant, 1900).

Saceseurus insignis (Distant, 1900)

Brachycoris insignis Distant, 1900d (May): 420. STS: Ceylon [= Sri Lanka] and Burma (Pegu); BMNH.

Saceseurus bicolor Breddin, 1900c: (after Nov.): 321 (syn. Leston, 1954c: 9). STS: Indonesia (Sumatra: Soekaranda; Banguay) and Malaysia (Borneo: Kinabalu); DEIC, ZMPA?

Brachycoris thoracicus Distant, 1901e: 586 (syn. E. Schmidt, 1916: 360, with *bicolor*). ST(S): Indonesia, Borneo; BMNH.

Brachycoris insignis var. *nigrescens* Kirkaldy, 1909b: 135. For *insignis* var. *a* Distant, 1902a: 242. Neither Distant (1902a) nor Kirkaldy (1909) listed any specific specimens for this variety; if any types exist, they should be in BMNH.

Brachycoris insignis var. *flavinotum* Kirkaldy, 1909b: 135. For *insignis* var. *b* Distant, 1902a: 242. Neither Distant (1902a) nor Kirkaldy (1909) listed any specific specimens for this variety; if any types exist, they should be in BMNH.

Distr. AS: CH (SE). **EL:** Oriental Region.

Genus *Solenocoris* Oshanin, 1922

Solenocoris Oshanin, 1922b: 154. Type species by monotypy: *Solenocoris zarudnyi*

Oshanin, 1922.

Ref.: Safavi, 1979 (key).

***Solenocoris zarudnyi* Oshanin, 1922**

Solenocoris zarudnyi Oshanin, 1922b: 156. HT: ♀, IN, Bampur Prov., nr Razi River; ZMAS.

Distr. AS: IN.

Genus *Udonga* Distant, 1921

Udonga Distant, 1921: 69. Type species by monotypy: *Udonga spinidens* Distant, 1921.

***Udonga spinidens* Distant, 1921**

Udonga spinidens Distant, 1921: 69. ST(S): Laos (Haut Mékong: Pang Tiac); BMNH.

Distr. AS: CH (CE NO SE SW WP) JA. **EL:** Laos, Vietnam.

Tribe MYROCHEINI Stål, 1871

MYROCHEINI Stål, 1871: 624 (Myrocheina). Type genus: *Myrochea* Amyot & Serville, 1843.

DORPIINI Distant, 1902a: 128 (Dorpiaria). Type genus: *Dorpius* Distant, 1900 (= *Myrochea* Amyot & Serville, 1843).

DYMANTINI Distant, 1902a: 135 (Dymantaria). Type genus: *Dymantis* Stål, 1861. Not formally synonymized with Myrocheini, but most modern workers treat *Dymantis* as a close relative of *Myrochea*.

Genus *Aednus* Dallas, 1851

Aednus Dallas, 1851a: 144. Type species by monotypy: *Aednus obscurus* Dallas, 1851.

Ref.: Distant, 1902a (descr., key).

***Aednus obscurus* Dallas, 1851**

Aednus obscurus Dallas, 1851a: 145. STS: ♀, Phillipines and Indonesia (Java); BMNH.

Aednus similis Haglund, 1868: 154 (syn. Stål, 1871: 623). ST(S): ♂, Burma, Rangoon; NHRS.

Distr. AS: CH (CE WP) JA (Ryukyus). **EL:** Oriental Region.

***Aednus ventralis* Dallas, 1852**

Aednus ventralis Dallas, 1852b: 10. STS: ♂, ♀, CH (SE), Hong Kong; BMNH.

Distr. AS: CH (SE). **EL:** India.

Genus *Humria* Linnavuori, 1975

Humria Linnavuori, 1975: 32. Type species by original designation: *Humria bimaculicollis* Linnavuori, 1975

***Humria bimaculicollis* Linnavuori, 1975**

Humria bimaculicollis Linnavuori, 1975: 33. HT: ♂, Sudan, Kordofan, Keilak Lahe; AMNH.

Distr. AS: YE. **EL:** tropical Africa.

Genus *Laprius* Stål, 1861

Laprius Stål, 1861a: 200. Type species by original designation: *Cimex gastricus* Thunberg, 1822.

Neoniphe Distant, 1921: 40 (syn. Tang, 1935: 349). Type species by monotypy: *Neoniphe armata* Distant, 1921, Vietnam.

Ref.: Distant, 1902a (descr., key).

Note: Tang (1935) effectively synonymized *Neoniphe* under *Laprius* when he transferred *armata*, the type species (and only known species) of *Neoniphe* to *Laprius*.

***Laprius gastricus* (Thunberg, 1822)**

Cimex gastricus Thunberg, 1822b: 1. ST(S): South Africa, “Capensis” [in error?]; UZIÜ.

Distr. AS: CH? JA KO.

***Laprius varicornis* (Dallas, 1851)**

Sciocoris varicornis Dallas, 1851a: 136. STS: ♂, ♀, E Indies and India (north); BMNH.

Distr. AS: CH (CE NO SE SW) JA (Ryukyus). **EL:** Oriental Region.

Ref.: Miyamoto & Hidaka, 1965 (fig.).

Genus *Myrochea* Amyot & Serville, 1843

Myrochea Amyot & Serville, 1843: xxv, 135. Type species by monotypy: *Myrochea vittata* Amyot & Serville, 1843 (= *Pentatoma aculeata* Westwood, 1837), Africa.

Dorpius Distant, 1900e: 164 (syn. Linnavuori, 1982b: 70). Type species by original designation: *Dorpius typicus* Distant, 1900 (= *Sciocoris cribrosus* Klug, 1845).

Extralimital subgenus: *Eomyrochea* Linnavuori, 1982, Africa.

Ref.: Distant, 1902a (descr., key; *Dorpius*); Linnavuori, 1982b (key, tax.).

Subgenus *Myrochea* Amyot & Serville, 1843

***Myrochea cribrosa* (Klug, 1845)**

Sciocoris cribrosus Klug, 1845: sign. d. ST(S): SA (“Arabia deserta”); ZMHB?

Dorpius typicus Distant, 1900e: 165 (syn. Schouteden, 1909: 42). ST(S): Congo; BMNH.

Distr. AS: IN SA YE. **EL:** Africa.

Ref.: Linnavuori, 1982b (descr., fig.).

***Myrochea gyirongnensis* (Lin & Zhang, 1985)**

Dorpius gyirongnensis Lin & Zhang, 1985: 7, 10. HT: ♂, CH (WP), Xizang, Gyirong County; Department of Plant Protection, Jiangxi Agricultural University, Nanchang, Jiangxi, CH.

Distr. AS: CH (WP).

***Myrochea indica* (Distant, 1900)**

Dorpius indicus Distant, 1900e: 165. STS: Pakistan (Sindh and Punjab).

Distr. AS: IN. **EL:** Pakistan.

***Myrochea kershawi* (Kirkaldy, 1910)**

Dorpius kershawi Kirkaldy, 1910b: 106. HT: CH (SE), Macao [= Macau]; Snow Entomological Museum, University of Kansas, Lawrence, USA?

Distr. AS: CH (SE).

Tribe PENTATOMINI Leach, 1815

Note: Several workers have recognized another tribe, Nezarini, for a group of pentatomine genera that are coloured green and retain this colouration after death. This tribe would contain a number of Palaearctic genera that have traditionally been placed in Carpocorini

(*Brachynema*, *Chalazonotum*, *Chlorochroa*, *Chroantha* and *Palomena*) or Pentatomini (*Acrosternum*, *Glaucias* and *Nezara*). The more traditional classification is followed here until further studies on the validity of Nezarini are conducted.

Genus *Acrocorisellus* Puton, 1886

Acrocoris Jakovlev, 1876b: 102 (junior homonym of *Acrocoris* Hahn, 1836, Reduviidae).

Type species by monotypy: *Acrocoris serraticollis* Jakovlev, 1876.

Acrocorisellus Puton, 1886a: 13. New name for *Acrocoris* Jakovlev, 1876.

Ref.: Belousova, 1992 (tax.).

***Acrocorisellus serraticollis* (Jakovlev, 1876)**

Acrocoris serraticollis Jakovlev, 1876b: 104. LT (Derzhansky et al., 2002: 370): ♂, RU (FE), Ussuri River, 48EN; ZMAS.

Pentatoma pulchra Hsiao & Cheng, 1977: 125, 299 (junior primary homonym of *Pentatoma pulchra* Westwood, 1837; syn. Kerzhner, 1988: 80). HT: ♂, CH (NO), Shaanxi, Ganquan County, Qing-quan-zhen; NKUM.

Distr. AS: CH (NO) KO RU (FE).

Ref.: Belousova, 1992 (fig.); Josifov & Kerzhner, 1978 (tax.).

Genus *Acrosternum* Fieber, 1860

Acrosternum Fieber, 1860: 79. Type species by subsequent monotypy (Fieber, 1861: 331):

Acrosternum heegeri Fieber, 1861.

Ref.: Linnavuori & Al-Safadi, 1993 (key).

Note: The genus *Chinavia* described by Orian (1965) to hold some tropical African and American species was considered a synonym of *Acrosternum* (Linnavuori, 1972a, 1975) or its subgenus (Linnavuori, 1982b), but more recently it was treated as a separate genus (Ahmad, 1996; Ahmad et al., 1996).

***Acrosternum apicale* Linnavuori, 1972**

Acrosternum apicale Linnavuori, 1972a: 420; 1975: 101. LT (Linnavuori, 1975: 101, as HT): ♂, YE, nr Lahej; coll. Linnavuori, Raisio, FI.

Distr. AS: SA YE.

***Acrosternum arabicum* Wagner, 1959**

Acrosternum arabicum Wagner, 1959a: 415. STS (see Aukema & Kerzhner, 2005: 70): ♂, ♀, SA, El Riyadh; MHNG, ZMUH.

Distr. EU: GR. **AS:** AB AF AR IN IQ KI SA TD TM UZ YE.

Ref.: Gidayatov, 1982 (key); Josifov & Heiss, 1989 (descr., fig.).

***Acrosternum breviceps* (Jakovlev, 1889)**

Nezara breviceps Jakovlev, 1889d: 323. LT (Derzhansky et al., 2002: 366): ♂, GG, Warwara, between Tsipa and Khashuri; ZMAS.

Nezara sahlbergi Reuter, 1900c: 236 (syn. Kiritshenko, 1926a: 62). ST(S): ♂, TM, Amu Daria; MZHF.

Nezara satunini Jakovlev, 1903c: 290 (syn. Horváth, 1912: 607). LT (Derzhansky et al., 2002: 370): ♀, GG, Tbilisi; ZMAS.

Nezara (Acrosternum) bactriana Kiritshenko, 1912a: 382 (syn. Kiritshenko, 1926a: 61). LT (Derzhansky et al., 2002: 366): ♂, TD, Visharvi-Bolo; ZMAS.

Distr. AS: AB AF AR AT GG IN IQ KI KU SA TD TM UZ.

Ref.: Gidayatov, 1982 (key); Wagner, 1959a (key).

***Acrosternum curticeps* Linnavuori & Al-Safadi, 1993**

Acrosternum curticeps Linnavuori & Al-Safadi, 1993: 237. HT: ♂, YE, Sana'a; coll. Linnavuori, Raisio, FI.

Distr. AS: YE.

***Acrosternum gramineum* (Fabricius, 1787)**

Cimex gramineus Fabricius, 1787: 295. ST(S): India, "Tranquebariae"; ZMUC.

Cimex seladonius Fabricius, 1794: 114 (syn. Stål, 1868a: 31). STS: India; ZMUC.

Pentatoma lemur Dohrn, 1860a: 401 (syn. Atkinson, 1888a: 118). STS: Ceylon [= Sri Lanka]; ZMPA?

Distr. AS: IQ. **EL:** India, Maldives Is., Pakistan, Sri Lanka.

Ref.: Mittal & Leelamma, 1981 (chrom); Satapathy & Patnaik, 1988 (chrom.).

***Acrosternum heegeri* Fieber, 1861**

Acrosternum heegeri Fieber, 1861: 331. ST(S): EU (south); MNHN.

Rhaphygaster [sic] *incerta* Signoret, 1861: 935 (syn. Puton, 1869: 7). ST(S): Madagascar; NHMW.

Rhaphigaster submarginatus Stål, 1861b: 144 (syn. Stål, 1865c: 192, with *incerta*). ST(S): ♀, EG; NHRS.

Acrosternum heegeri f. *simulans* Stichel, 1961: 646 (unavailable name).

Acrosternum heegeri f. *rufata* Stichel, 1961: 646 (unavailable name).

Distr. EU: BH BU CR FR GR IT MC PO RU (ST: Caucasus) SP UK YU. **NA:** AG CI EG LB MO TU. **AS:** AB AF AT CY GG IN IS JO SY YE. **EL:** tropical Africa.

Ref.: Josifov & Heiss, 1989 (descr., fig.); Nuamah, 1982 (chrom.).

***Acrosternum malickyi* Josifov & Heiss, 1989**

Acrosternum arabicum (non Wagner, 1959): Heiss, 1984: 152; Heiss & Günther, 1986: 130. Misidentification (see Josifov & Heiss, 1989: 141).

Acrosternum malickyi Josifov & Heiss, 1989: 141. HT: ♂, GR, Crete, nr Monastery Gouverneto; coll. Heiss, Innsbruck, AU.

Distr. EU: GR (Crete).

***Acrosternum miliare* (Klug, 1845)**

Cimex miliaris Klug, 1845: sign. d. ST(S): Sudan, Ambukohl [= Ambikol]; ZMHB?

Distr. NA: EG. **AS:** IN YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1982b (fig.).

***Acrosternum millierei* (Mulsant & Rey, 1866)**

Nezara millierei Mulsant & Rey, 1866: 290. STS: ♂, ♀, FR, nr Cannes; MNHN.

Aethemenes forbesi Distant, 1884: 460 (syn. Linnavuori, 1972a: 429). ST(S): ♂, Nigeria, Lower Niger; BMNH.

Nezara millierei var. *putoni* Vidal, 1949: 173. HT: AG; Institut Scientifique Chérifien, Rabat, MO.

Acrosternum millierei f. *vidali* Stichel, 1961: 645 (unavailable name).

Distr. EU: AL BH BU CR ET FR GR HU IT RO SP YU. **NA:** AG CI EG LB MO TU. **AS:** AF AT CY IN IQ IS JO KU SA SI SY YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1982b (fig.).

[***Acrosternum prunasis prunasis* (Dallas, 1851)**

Rhaphigaster prunasis Dallas, 1851a: 279. HT: ♀, "Congo"; BMNH.

Distr.: tropical Africa.]

***Acrosternum prunasis klugi* (Schouteden, 1909)**

Nezara klugi Schouteden, 1909: 59 (downgraded by Linnavuori, 1972a: 429). STS: ♀, Mozambique (Ricatla) and Kenya (Mombasa); MRAC.

Distr. AS: YE. **EL:** tropical Africa.

***Acrosternum rubescens* (Noualhier, 1893)**

Nezara heegeri (non Fieber, 1861): Noualhier, 1893: 8; Lindberg, 1936: 21.

Misidentification (see Lindberg, 1953: 43).

Nezara heegeri var. *rubescens* Noualhier, 1893: 8 (upgraded by Wagner, 1959a: 417).

ST(S): CI, Gran Canaria, Isleta; MNHN.

Nezara millieri (non Mulsant & Rey, 1866): Noualhier, 1893: 8. Misidentification (see Lindberg, 1953: 43).

Nezara millieri var. *rosea* Noualhier, 1893: 8 (syn. Lindberg, 1953: 43). ST(S): CI, Gran Canaria, Isleta; MNHN.

Nezara millieri (non Mulsant & Rey, 1866): Horváth, 1909b: 290; Blöte, 1929: 168; Lindberg, 1936: 21. Misidentifications (see Lindberg, 1953: 43).

Nezara canariensis Lindberg, 1953: 43 (syn. Wagner, 1959a: 417). HT: ♂, CI; MZHF.

Distr. NA: CI.

Genus *Amblycara* Bergroth, 1891

Abeona Stål, 1876: 102 (junior homonym of *Abeona* Girard, 1855, Pisces). Type species by monotypy: *Abeona gladiatoria* Stål, 1876.

Amblycara Bergroth, 1891: 214. New name for *Abeona* Stål, 1876.

Ref.: Distant, 1902a (descr., key).

***Amblycara gladiatoria* (Stål, 1876)**

Abeona gladiatoria Stål, 1876: 102. ST(S): ♀, India; NHMW.

Distr. AS: CH (SW) JA (Ryukyus). **EL:** Australia, India, Philippines, Sri Lanka.

Ref.: Esaki, 1937 (fig.); Takara, 1957 (distr.).

Genus *Cervicoris* Hsiao & Cheng, 1977

Cervicoris Hsiao & Cheng, 1977: 124, 299. Type species by original designation:

Cervicoris omeiensis Hsiao & Cheng, 1977.

***Cervicoris omeiensis* Hsiao & Cheng, 1977**

Cervicoris omeiensis Hsiao & Cheng, 1977: 124, 299. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (SW).

Genus *Glaucias* Kirkaldy, 1908

Zangis Stål, 1868b: 514 (junior primary homonym of *Zangis* Gistel, 1848, Crustacea). Type species by subsequent designation (Distant, 1902a: 221): *Rhaphigaster amyoti* Dallas, 1851, Australia, New Zealand, Pacific Is.

Glaucias Kirkaldy, 1908b: 124. New name for *Zangis* Stål, 1868.

Ref.: China, 1929 (tax.); Lin & Zhang, 1993a (key); Stichel, 1962a (tax.).

Note: Distant (1902a) listed *Cimex beryllus* (not originally included species) as type species of *Zangis* and cited in its synonymy *Pentatoma crassa* (originally included species), the latter became type species under Art. 69.2.2. of the Code.

***Glaucias beryllus* (Fabricius, 1787)**

Cimex beryllus Fabricius, 1787: 292. ST(S): India; lost.

Distr. AS: CH (SE) TA. **EL:** India.

Ref.: Miyamoto, 1965 (distr.).

***Glaucias crassus* (Westwood, 1837)**

Pentatoma crassa Westwood, 1837: 39. ST(S): CH; OXUM.

Distr. AS: CH (NO SE SW). **EL:** India, Vietnam.

Note: Several workers, including Stichel (1961), have considered *crassa* to be merely a variety of *Glaucias beryllus* (Fabricius, 1787). Several recent workers (Yang, 1962; Hsiao & Cheng, 1977; Zhang et al., 1987), however, have recognized *G. crassus* as a good species.

***Glaucias dorsalis* (Dohrn, 1860)**

Rhaphigaster dorsalis Dohrn, 1860a: 401. STS: Ceylon [= Sri Lanka]; ZMPA?

Zangis virginea Stål, 1876: 93 (syn. W.F. Kirby, 1892: 85). ST(S): Ceylon [= Sri Lanka]; NHRS.

Distr. AS: CH (SE). **EL:** Oriental Region.

***Glaucias nigromarginatus* (Stål, 1871)**

Zangis nigromarginatus Stål, 1871: 632. STS: ♂, ♀, Philippines; NHRS.

Distr. AS: CH (SW). **EL:** Indonesia, Philippines.

***Glaucias subpunctatus* (Walker, 1867)**

Pentatoma subpunctata Walker, 1867a: 307. HT: Indonesia, Sulawesi, Tondano; BMNH.

Rhaphigaster melanosticticus Vollenhoven, 1868a: 187 (syn. Distant, 1900f: 395). ST(S): ♀, Indonesia, Java; RMNH.

Distr. AS: CH (CE SE SW) JA KO. **EL:** Indonesia.

Ref.: Hasegawa, 1954b (descr., fig.); Kobayashi, 1994 (egg, larva); Miyamoto & Hidaka, 1965 (fig.).

Genus *Iphiarusa* Breddin, 1904

Iphiarusa Breddin, 1904b: 12. Type species by monotypy: *Iphiarusa aratrix* Breddin, 1904 (= *Anaxandra compacta* Distant, 1887).

Ref.: Distant, 1918 (descr.).

Note: This genus has generally been considered to be a member of the Rhynchocorini, but it is actually the abdominal spine which projects forward to the fore coxae, not the mesosternal keel.

***Iphiarusa compacta* (Distant, 1887)**

Anaxandra compacta Distant, 1887: 355. ST(S): India, Assam, Sadia; BMNH.

Iphiarusa aratrix Breddin, 1904b: 13 (syn. Distant, 1918: 145). HT: ♂, Vietnam, Tonkin, Mauson Mts; DEIC.

Distr. AS: CH (CE NO SE SW). **EL:** Burma, India, Vietnam.

Ref.: Ren, 1992c (egg).

Note: Breddin (1904b) listed the type specimen of *I. aratrix* as being a female, but Gaedike (1971) attributes this to a typographical error; the specimen in DEIC is a male.

***Iphiarusa longicauda* Hsiao & Cheng, 1977**

Iphiarusa longicauda Hsiao & Cheng, 1977: 108, 297. HT: ♀, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (SW).

Genus *Kaschmirocoris* Lindberg, 1939

Kaschmirocoris Lindberg, 1939c: 16. Type species by original designation:
Kaschmirocoris jarringi Lindberg, 1939, India.

***Kaschmirocoris klapperichi* Hoberlandt, 1984**

Kaschmirocoris klapperichi Hoberlandt, 1984: 117. HT: ♂, AF, Nuristan, Bashgul Valley, Ahmede Devane; NMPC.

Distr. AS: AF.

Genus *Lelia* Walker, 1867

Prionochilus Dallas, 1849: 191 (as subgenus of *Rhaphigaster*; upgraded by Stål, 1868b: 519; junior primary homonym of *Prionochilus* Agassiz, 1846, emendation of *Prionocheilus* Dejean, 1835, Coleoptera; syn. Reuter, 1890b: 248). Type species by monotypy: *Rhaphigaster (Prionochilus) octopunctatus* Dallas, 1849.

Lelia Walker, 1867a: 406 (syn. Reuter, 1890b: 248). Type species by monotypy: *Lelia porrigens* Walker, 1867 (= *Tropicoris decempunctatus* Motschulsky, 1860).

Renardia Jakovlev, 1876b: 99 (junior homonym of *Renardia* Motschulsky, 1865, Coleoptera; syn. Reuter, 1890b: 248). Type species by monotypy: *Tropicoris decempunctatus* Motschulsky, 1860.

Ref.: Belousova, 1992 (tax.); Distant, 1902a (descr., key).

***Lelia decempunctata* (Motschulsky, 1860)**

Tropicoris decempunctatus Motschulsky, 1860a: 501. LT (Kerzhner & Jansson, 1985: 43): RU (FE), Amur; ZMUM.

Lelia porrigens Walker, 1867a: 407 (syn. Distant, 1900d: 425). HT: JA; BMNH.

Distr. AS: CH (CE NE NO SW WP) JA KO RU (ES FE).

Ref.: Matsumura, 1932 (fig.); Miyamoto & Hidaka, 1965 (fig.); Muramoto, 1982 (chrom.); Ren, 1992c (egg).

***Lelia octopunctata* (Dallas, 1849)**

Rhaphigaster (Prionochilus) octopunctatus Dallas, 1849: 192. ST(S): ♀, Bhutan; BMNH.

Distr. AS: CH (SW). **EL:** Bhutan, India.

Ref.: Esaki, 1937 (descr., fig.).

Genus *Neojurtina* Distant, 1921

Neojurtina Distant, 1921: 68. Type species by use of “typica”: *Neojurtina typica* Distant, 1921.

Ref.: Lin & Zhang, 1993a (key).

***Neojurtina typica* Distant, 1921**

Neojurtina typica Distant, 1921: 68. ST(S): Tonkin [= Vietnam]; BMNH.

Distr. AS: CH (CE SE SW) TA. **EL:** Malaysia, Vietnam.

Ref.: Hoffmann, 1935b (fig., larva, descr.).

Genus *Nezara* Amyot & Serville, 1843

Nezara Amyot & Serville, 1843: xxvi, 143. Type species by subsequent designation (Distant, 1902a: 220): *Cimex smaragdulus* Fabricius, 1775 (= *Cimex viridulus* Linnaeus, 1758).

Ref.: Distant, 1902a (descr.); Freeman, 1940 (rev.).

Note: Distant (1902a) listed *Cimex viridulus* (not originally listed) as type species, but

cited in its synonymy *Cimex smaragdulus* (originally incuded species), the latter became type species under Art. 69.2.2 of the Code.

***Nezara antennata* Scott, 1874**

Nezara antennata Scott, 1874: 299. STS: JA; BMNH.

Nezara antennata var. *balteata* Horváth, 1889c: 32. STS: ♂, ♀, JA and India; HNHM.

Nezara viridula (non Linnaeus, 1758): Takahashi, 1948: 107. Misidentification (see Ishihara, 1950b: 20).

Distr. AS: CH (CE NO NW SE SW WP) JA KO TA. **EL:** India, Philippines, Sri Lanka.

Ref.: Esaki, 1932 (fig.); Freeman, 1940 (descr., fig., key); Kobayashi, 1959a, 1994 (egg, larva); Miyamoto & Hidaka, 1965 (fig.); Nuamah, 1982 (chrom.).

***Nezara icterica* Horváth, 1889**

Nezara antennata var. *icterica* Horváth, 1889c: 31 (upgraded by Ghauri, 1972: 287). STS: ♂, ♀, JA and India; HNHM.

Distr. AS: JA. **EL:** India, Pakistan.

Ref.: Dey & Wangdi, 1988, 1990 (chrom.); Freeman, 1940 (descr.).

***Nezara viridula* (Linnaeus, 1758)**

Cimex viridulus Linnaeus, 1758: 444. ST(S): Indiis [= tropical regions of the world]; UZIU?

Cimex torquatus Fabricius, 1775: 710 (syn. Illiger, 1807: 30, with *smaragdulus*). ST(S): India; ZMUC.

Cimex smaragdulus Fabricius, 1775: 711 (syn. Stål, 1865c: 193). STS: MR; BMNH, ZMUC.

Cimex transversus Thunberg, 1783: 40 (syn. Stål, 1855b: 345). ST(S): South Africa, Cape of Good Hope; UZIU.

Cimex variabilis Villers, 1789: 505 (syn. Reuter, 1888a: 126). ST(S): FR, Occitania [= Languedoc]; lost.

Cimex spirans Fabricius, 1798: 533 (syn. Stål, 1868a: 31). ST(S): “America Insulis”; ZMUC.

Cimex viridissimus Wolff, 1801: 55 (junior primary homonym of *Cimex viridissimus* Poda, 1761; syn. Fieber, 1861: 330, with *smaragdula*). ST(S): India; lost.

Pentatoma? flavicollis Palisot de Beauvois, 1818: 185 (syn. Amyot & Serville, 1843: 144, with *smaragdula*). ST(S): Saint-Dominique [= Haïti].

Pentatoma oblonga Westwood, 1837: 37 (syn. Distant, 1901h: 813). ST(S): Indonesia, Java; OXUM.

Pentatoma unicolor Westwood, 1837: 38 (syn. Stål, 1865c: 193). ST(S): Indonesia, Java; OXUM.

Pentatoma berylina Westwood, 1837: 38 (syn. Distant, 1901h: 813). ST(S): India, Cuna [= Coonoor]; OXUM.

Pentatoma subsericea Westwood, 1837: 38 (syn. Stål, 1865c: 193). ST(S): India, Cuna [= Coonoor]; OXUM.

Pentatoma leii Westwood, 1837: 38 (syn. Stål, 1865c: 193). ST(S): South Africa, Cape Good Hope; OXUM.

Pentatoma tripunctigera Westwood, 1837: 38 (syn. Stål, 1865c: 194). STS: West Indies, St Vincent Is.; OXUM.

Pentatoma chinensis Westwood, 1837: 38 (syn. Stål, 1865c: 194). ST(S): CH; OXUM.

Pentatoma proxima Westwood, 1837: 9 (syn. Westwood, 1837: 38, with

tripunctigera). Nomen nudum.
Pentatoma chloris Westwood, 1837: 38 (syn. Stål, 1865c: 194). ST(S): Sierra Leone; OXUM.
Pentatoma chlorocephala Westwood, 1837: 38 (syn. Lethierry & Severin, 1893: 167). ST(S): Brasilia?; OXUM.
Pentatoma propinqua Westwood, 1837: 9 (syn. Westwood, 1837: 39, with *unicolor*). Nomen nudum.
Cimex hemichloris Germar, 1838: 166 (syn. Stål, 1865c: 194). ST(S): South Africa, “Caput Bonae Spei” [= Cape of good hope].
Nezara approximata Reiche & Fairmaire, 1848: 443 (syn. Stål, 1865c: 193). STS: Abyssinie [= Ethiopia]; MNHN?
Pentatoma plicaticollis Lucas, 1849: 87 (syn. Mulsant & Rey, 1866: 296, with *smaragdulus*). STS: AG, Houbreira; MNHN.
Rhaphigaster prasinus (non Linnaeus 1758): Dallas, 1851a: 274. Misidentification (see Stål, 1865c: 1930).
Rhaphigaster orbus Stål, 1854b: 221 (syn. Stål, 1865c: 194). ST(S): South Africa, Natal (“in terra Natalensi”); NHRS.
Pentatoma vicaria Walker, 1867a: 303 (syn. Distant, 1900f: 392). HT: India, Hindostan; BMNH.
Nezara viridula var. *aurantiaca* A. Costa, 1884: 37, 58. HT: IT, Sardinia, Oristano; ZIUN?
Nezara viridula var. *hepatica* Horváth, 1903b: 406. STS: ♂, ♀, AG, St. Charles; HNHN.
Distr. EU: AL AU BE? BH BU CR FR GB GE GR HU IT MC MR PO RO RU (ST: Caucasus) SL SP SZ UK YU. **NA:** AG AZ CI EG LB MO TU. **AS:** AB AF AT CH (CE NO SE SW WP) CY GG IN IQ IS JA JO KO KU LE QA SA SY TA YE. **EL:** tropical and subtropical, Cosmopolitan.
Ref.: Hinton, 1981 (egg); Kiritani, 1963 (egg, larva); Kobayashi, 1959a, 1994 (egg, larva); Nuamah, 1982 (chrom.); Ren, 1992c (egg).
Note: Records from AU, HU, RU and UK are based on migrating or imported specimens.

***Nezara yunnana* L.Y. Zheng, 1982**

Nezara yunnana L.Y. Zheng, 1982: 121. HT: ♂, CH (SW), Yunnan, Rui-li County; NKUM.

Distr. AS: CH (SW).

Genus *Okeanos* Distant, 1911

Okeanos Distant, 1911b: 347. Type species by monotypy: *Okeanos quelpartensis* Distant, 1911.

***Okeanos quelpartensis* Distant, 1911**

Okeanos quelpartensis Distant, 1911b: 348. ST(S): KO, Quelpart Is. [= Chejudo]; BMNH.

Distr. AS: CH (CE NE NO SW) KO RU (FE).

Genus *Pentatoma* Olivier, 1789

Pentatoma Olivier, 1789: 25. Type species by subsequent monotypy (Lamarck, 1801: 293): *Cimex rufipes* Linnaeus, 1758.

Tropicoris Hahn, 1834: 52 (junior objective synonym). Type species by monotypy: *Cimex rufipes* Linnaeus, 1758.

Tropidocoris Agassiz, 1846: 380. Unjustified emendation.
Gudea Distant, 1911b: 348 (syn. Esaki, 1930b: 33). Type species by monotypy: *Gudea ichikawana* Distant, 1911 (= *Tropicoris semiannulatus* Motschulsky, 1860).
Ref.: Belousova, 1992 (tax.); Distant, 1902a (descr., key; *Tropicoris*); Ling & L.Y. Zheng, 1987 (tax.).

Subgenus *Pentatoma* Olivier, 1789

***Pentatoma acuticornuta* L.Y. Zheng & Ling, 1983**

Pentatoma acuticornuta L.Y. Zheng & Ling, 1983: 234. HT: ♂, CH (SW), Sichuan, Mt Emei, Xi-xiang-chi; NKUM.
Distr. AS: CH (SW).

***Pentatoma angulata* Hsiao & Cheng, 1977**

Pentatoma angulata Hsiao & Cheng, 1977: 126, 299. HT: ♀, CH (SW), Sichuan, Mt Emei; NKUM.
Distr. AS: CH (CE NE SW WP).
Ref.: Ling & L.Y. Zheng, 1987 (fig.).

***Pentatoma brunnea* L.Y. Zheng & Ling, 1983**

Pentatoma brunnea L.Y. Zheng & Ling, 1983: 235. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.
Distr. AS: CH (SW).
Ref.: Ling & L.Y. Zheng, 1987 (tax.).

***Pentatoma carinata* Yang, 1934**

Pentatoma carinata Yang, 1934c: 91. HT: ♀, CH (CE), Jiangxi, Luxhan; lost.
Distr. AS: CH (CE NO SW).
Ref.: Ling & L.Y. Zheng, 1987 (tax.).

***Pentatoma distincta* Hsiao & Cheng, 1977**

Pentatoma distincta Hsiao & Cheng, 1977: 125, 299. HT: ♀, CH (SW), Sichuan, Mt Emei, Da-e-shi; NKUM.
Distr. AS: CH (CE SW WP).
Ref.: Ling, 1988 (fig., ♂ genitalia); Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma emeiensis* Ling, 1988**

Pentatoma emeiensis Ling, 1988: 271. HT: ♀, CH (SW), Sichuan, Mt Emei; Sichuan Natural Resources Institute, Chengdu, Sichuan, CH.
Distr. AS: CH (SW).

***Pentatoma hsiao* L.Y. Zheng & Y.I. Wang, 1995**

Pentatoma hsiao L.Y. Zheng & Y.I. Wang, 1995: 18. HT: ♀, CH (NO), Gansu, Yu-zhong County, Mt Xin-long, Ma-jia-shi; NKUM.
Distr. AS: CH (NO).

***Pentatoma illuminata* (Distant, 1890)**

Tropicoris illuminatus Distant, 1890: 159. ST(S): CH (NO), Hubei, Chang Yang; BMNH.
Distr. AS: CH (CE NO).
Ref.: Ling & L.Y. Zheng, 1987 (fig.).

***Pentatoma japonica* (Distant, 1882)**

Tropicoris metallifer (non Motschulsky, 1860): Distant, 1881a: 28. Misidentification (see Distant, 1882b: 76).

Tropicoris japonicus Distant, 1882b: 76. ST(S): JA, Tokei; BMNH.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE).

Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.); Matsumura, 1932 (fig.); Nuamah, 1982 (chrom.).

***Pentatoma kunmingensis* Xiong, 1981**

Pentatoma kunmingensis Xiong, 1981: 417. HT: ♂, CH (SW), Yunnan, Kunming; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma leliiformis* Kirkaldy, 1909**

Pentatoma leliiformis Kirkaldy, 1909b: 368. ST(S): CH (SW), Yunnan, Tali; Snow Entomological Museum, University of Kansas, Lawrence, USA?

Distr. AS: CH (SW).

Ref.: Ling & L.Y. Zheng, 1987 (tax.).

***Pentatoma longirostrata* Hsiao & Cheng, 1977**

Pentatoma longirostrata Hsiao & Cheng, 1977: 127, 299. HT: ♀, CH (SW), Sichuan, Yulingong; NKUM.

Distr. AS: CH (SW WP).

Ref.: Ling & L.Y. Zheng, 1987 (tax.).

***Pentatoma major* L.Y. Zheng & Jin, 1990**

Pentatoma major L.Y. Zheng & Jin, 1990: 143. HT: ♂, CH (WP), Xizang, Medog; MSIE.

Distr. AS: CH (WP).

***Pentatoma metallifera* (Motschulsky, 1860)**

Tropicoris metalliferus Motschulsky, 1860a (March): 501. LT (Kerzhner & Jansson, 1985: 43): RU (FE), Amur; ZMUM.

Cimex cuprifer Motschulsky, 1860a (May): 11 (preliminary name for *Tropicoris metalliferus*, see Kerzhner & Jansson, 1985: 42).

Tropicoris basnini Oshanin, 1870: 128 (syn. Jakovlev, 1876a: 255). ST(S): ♀, RU (ES), Kyakhta; ZMUM.

Tropicoris davidi Signoret, 1880a: 46 (syn. Ling & L.Y. Zheng, 1987: 40, suspected). ST(S): CH; NHMW.

Distr. AS: CH (NE NO WP) JA KO MG RU (ES FE).

Ref.: Belousova, 1992 (fig., tax.); Ren, 1992c (egg).

***Pentatoma montana montana* Hsiao & Cheng, 1977**

Pentatoma montana Hsiao & Cheng, 1977: 128, 299. HT: ♂, CH (SW), Sichuan, Xiao-jin County, Lianghekou; NKUM.

Distr. AS: CH (SW).

Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma montana yulongica* L.Y. Zheng & G.Q. Liu, 1987**

Pentatoma montana yulongica L.Y. Zheng & G.Q. Liu, 1987c: 218. HT: ♂, CH (SW), Yunnan, Mt Yulong; NKUM.

Distr. AS: CH (SW).

***Pentatoma mosaica* Hsiao & Cheng, 1977**

Pentatoma mosaicus Hsiao & Cheng, 1977: 128, 299. HT: ♂, CH (CE), Zhejiang, Mt Tian-mu; TMNH.

Distr. AS: CH (CE SE WP).
Ref.: Ling & L.Y. Zheng, 1987 (tax.).

***Pentatoma nigra* Hsiao & Cheng, 1977**

Pentatoma nigra Hsiao & Cheng, 1977: 127, 299. HT: ♂, CH (SW), Sichuan, Xiaojin; TMNH.

Distr. AS: CH (SW).
Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma parametallifera* L.Y. Zheng & Li, 1991**

Pentatoma parametallifera L.Y. Zheng & Li, 1991: 311. HT: ♀, CH (NE), Heilongjiang, Shang-zhi County, Mao-er Hill; NKUM.

Distr. AS: CH (NE) KO RU (FE).
Ref.: Belousova, 1992 (fig., tax.); Lee et al., 1995 (♂ genitalia).

***Pentatoma parataibaiensis* Q.A. Liu & L.Y. Zheng, 1995**

Pentatoma parataibaiensis Q.A. Liu & L.Y. Zheng, 1995a: 354. HT: ♂, CH (NO), Ningxia, Mt Liu-ban; NKUM.

Distr. AS: CH (NO).

***Pentatoma punctipes* (Stål, 1876)**

Tropicoris punctipes Stål, 1876: 106. ST(S): ♂, India; NHMW.
Compastes truncatus Distant, 1887: 351 (syn. Distant, 1902a: 204). STS: India, Sikkim; BMNH, NZSI.

Distr. AS: CH (WP). **EL:** India.
Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma roseicornuta* L.Y. Zheng & Ling, 1983**

Pentatoma roseicornuta L.Y. Zheng & Ling, 1983: 233. HT: ♂, CH (SW), Sichuan, Ya-an County; NKUM.

Distr. AS: CH (CE SW).
Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma rufipes* (Linnaeus, 1758)**

Cimex rufipes Linnaeus, 1758: 443. ST(S): EU; LSUK?
Cimex notatus Poda, 1761: 56 (syn. Schrank, 1781: 269). ST(S): AU, Graecia [= Graz]; lost.

Pentatoma viridiaenea Palisot de Beauvois, 1811: 130 (syn. Stål, 1863a: 503). STS: Saint-Domingue [= Haiti; in error] and USA, South Carolina [in error].

Tropicoris nigricornis Reuter, 1879b: 31 (syn. Kiritshenko, 1912b: 204). HT: ♂, GG, Imeretia; MZHF.

Tropicoris rufipes var. *moesta* Reuter, 1881c: 156. HT: ♀, AU, Styria; NHMW.

Distr. EU: AU BE BH BU BY CR CZ DE EK EN FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU.
NA: MO. **AS:** AB AK AR AT CH (NE NO NW SW WP) IN GG JA KO MG RU (ES FE WS). **EL:** India.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Ling & L.Y. Zheng, 1987 (fig., tax.); Nuamah, 1982 (chrom.); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

***Pentatoma semiannulata* (Motschulsky, 1860)**

Tropicoris semiannulatus Motschulsky, 1860a: 501. LT (Kerzhner & Jansson, 1985: 43): RU (FE), Amur; ZMUM.

Tropicoris armandi Fallou, 1881: 340 (syn. Hsiao & Cheng, 1977: 126). ST(S): CH (NO), Pékin [= Beijing]; MNHN.

Gudea ichikawana Distant, 1911b: 349 (syn. Esaki, 1930b: 33). ST(S): KO, Quelpart [= Cheju] Is.; BMNH.

Distr. AS: CH (CE NE NO SW WP) JA (Tsushima) KO RU (FE).

Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma sordida* L.Y. Zheng & G.Q. Liu, 1987**

Pentatoma sordida L.Y. Zheng & G.Q. Liu, 1987a: 288. HT: ♂, CH (CE), Hubei, Sheng-nong-jia, Song-bei; NKUM.

Distr. AS: CH (CE NO).

***Pentatoma taibaiensis* L.Y. Zheng & Ling, 1983**

Pentatoma taibaiensis L.Y. Zheng & Ling, 1983: 233. HT: ♀, CH (NO), Shaanxi, Mt Tai-bai, Xiao-ping-shi; NKUM.

Distr. AS: CH (NO).

Ref.: Ling & L.Y. Zheng, 1987 (fig., tax.).

***Pentatoma zhengi* Rider, 1998**

Pentatoma venosa L.Y. Zheng & Ling, 1983: 236 (junior primary homonym of *Pentatoma venosa* Förster, 1891). HT: ♂, CH (SW), Yunnan, Li-jiang County, Mt Yu-long; NKUM.

Pentatoma zhengi Rider, 1998a: 454. New name for *venosa* L.Y. Zheng & Ling, 1983.

Distr. AS: CH (SW).

Ref.: Ling & L.Y. Zheng, 1987 (tax.; *venosa*).

Subgenus *Mesoliogaster* Kiritshenko, 1931

Mesoliogaster Kiritshenko, 1931a: 367 (as subgenus of *Pentatoma*). Type species by monotypy: *Pentatoma (Mesoliogaster) hingstoni* Kiritshenko, 1931.

***Pentatoma hingstoni* Kiritshenko, 1931**

Pentatoma (Mesoliogaster) hingstoni Kiritshenko, 1931a: 366. HT: ♂, CH (WP), Xizang, Yatung; BMNH.

Pentatoma hinstoni: Hsiao & Cheng, 1977: 124. Incorrect subsequent spelling.

Distr. AS: CH (WP).

Ref.: Ling & L.Y. Zheng, 1987 (tax.).

Genus *Placosternum* Amyot & Serville, 1843

Placosternum Amyot & Serville, 1843: 174. Type species by monotypy: *Cimex taurus* Fabricius, 1781.

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key).

***Placosternum alces* Stål, 1876**

Placosternum alces Stål, 1876: 107. ST(S): ♀, Ceylon [= Sri Lanka]; NHRS.

Distr. AS: CH (NO SW). **EL:** India, Sri Lanka.

***Placosternum esakii* Miyamoto, 1990**

Placosternum alces (non Stål, 1876): Esaki, 1932: 79; 1950: 201; Miyamoto & Hidaka, 1965: 79; Lee, 1971: 202. Misidentifications (see Miyamoto, 1990: 24).

Placosternum esakii Miyamoto, 1990: 24. HT: ♂, JA, Tsushima Is., Uchiyama; KUEC.

Distr. AS: JA (Tsushima Is.) KO.

***Placosternum jiangleense* Lin & Zhang, 1993**

Placosternum jiangleensis Lin & Zhang, 1993a: 131. HT: ♂, CH (SE), Fujian, Jiang-le County, Mt Long-qi; IZAS.

Distr. AS: CH (CE SE).

***Placosternum taurus* (Fabricius, 1781)**

Cimex taurus Fabricius, 1781: 344. ST(S): India, “Coromandel”; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Dey & Wangdi, 1985 (chrom.).

***Placosternum urus* Stål, 1876**

Placosternum urus Stål, 1876: 107. ST(S): ♂, Ceylon [= Sri Lanka]; NHRS.

Distr. AS: CH (CE NO SE SW WP). **EL:** India, Sri Lanka.

Ref.: Nuamah, 1982 (chrom.); Parshad, 1957b (chrom.).

Genus *Priassus* Stål, 1868

Priassus Stål, 1868b: 518. Type species by subsequent monotypy (Haglund, 1868: 160):

Priassus spiniger Haglund, 1868.

Mesopriassus Kiritshenko, 1951a: 190; 1964: 105 (syn. Popov, 1964: 699). Nomen nudum.

Ref.: Distant, 1902a (descr., key); Lin & Zhang, 1993a (key).

Note: *Mesopriassus* was first proposed without description by Kiritshenko (1951a); Stichel (1961) also listed this genus without description. Kiritshenko (1964) finally validated the genus and species by providing a description and figures. Popov (1964) effectively synonymized *Mesopriassus* under *Priassus* when he placed its type species, *M. vetustus*, as a junior synonym of *P. exemptus*.

***Priassus excoffieri* Martin, 1902**

Priassus excoffieri Martin, 1902: 335. STS: ♀, CH (SW), Yunnan, Yunnan-Sen [= Kunming]; MNHN.

Distr. AS: CH (SW).

***Priassus exemptus* (Walker, 1868)**

Prionaca exempta Walker, 1868: 569. STS: India, N Hindostan; BMNH.

Priassus carinatus Horváth, 1889c: 32 (syn. Distant, 1900d: 424). ST(S): ♂, Himalaya; HNHM?

Mesopriassus vetustus Kiritshenko, 1951a: 190; 1964: 105 (syn. Popov, 1964: 699). Nomen nudum.

Distr. AS: AF AK CH (SE SW) KI TD. **EL:** Burma, India.

Ref.: Lin & Zhang, 1993a (descr., fig.); Nuamah, 1982 (chrom.); Parshad, 1957b (chromosomes).

***Priassus spiniger* Haglund, 1868**

Priassus spiniger Haglund, 1868: 160. ST(S): ♂, Indonesia, Java; NHRS.

Distr. AS: CH (CE SE SW WP). **EL:** Burma, India, Indonesia.

Ref.: Mittal & Leelamma, 1981 (chrom.).

***Priassus testaceus* Hsiao & Cheng, 1977**

Priassus testaceus Hsiao & Cheng, 1977: 109, 297. HT: ♂, CH (SW), Sichuan, Baoxing County; NKUM.

Distr. AS: CH (CE NO SW WP).

Ref.: Ling & L.Y. Zheng, 1987 (fig.).

Genus *Prionaca* Dallas, 1851

Prionaca Dallas, 1851a: 291. Type species by monotypy: *Prionaca lata* Dallas, 1851, Oriental Region.

Ref.: Distant, 1902a (descr., key).

***Prionaca hubeiensis* Zhang, Lin & Zhao, 1990**

Prionaca hubeiensis Zhang et al., 1990: 8. HT: ♀, CH (CE), Hubei, Nan-zhang County; IZAS.

Distr. AS: CH (CE).

***Prionaca hunanensis* Lin & Zhang, 1989**

Prionaca hunanensis Lin & Zhang, 1989: 333. HT: ♂, CH (CE), Hunan, Tong-dao County; Department of Plant Protection, Jiangxi Agricultural University, Nanchang, Jiangxi, CH.

Distr. AS: CH (CE).

***Prionaca jiangxiensis* Lin & Zhang, 1989**

Prionaca jiangxiensis Lin & Zhang, 1989: 332. HT: ♂, CH (CE), Jiangxi, Wan-zai County; Department of Plant Protection, Jiangxi Agricultural University, Nanchang, Jiangxi, CH.

Distr. AS: CH (CE).

***Prionaca tibetana* L.Y. Zheng & Jin, 1990**

Prionaca tibetana L.Y. Zheng & Jin, 1990: 146. HT: ♂, CH (WP), Xizang, Medog; MSIE.

Distr. AS: CH (WP).

***Prionaca tonkinensis* Distant, 1921**

Prionaca tonkinensis Distant, 1921: 43. STS: Tonkin [= Vietnam], Chapa; BMNH.

Distr. AS: CH (SW). **EL:** Vietnam.

***Prionaca yunnanensis* Zhang & Lin, 1992**

Prionaca yunnanensis Zhang & Lin, 1992: 122. HT: ♀, CH (SW), Yunnan, Lushui County; IZAS.

Distr. AS: CH (SW).

Genus *Rhaphigaster* Laporte, 1833

Rhaphigaster Laporte, 1833: 55. Type species by subsequent designation (Westwood, 1840a: 124): *Cimex griseus* sensu Fabricius, 1794 (= *Cimex nebulosus* Poda, 1761). *Rhaphidogaster* Agassiz, 1846: 323. Unjustified emendation.

***Rhaphigaster brevispina* Horváth, 1889**

Rhaphigaster nebulosa var. *brevispina* Horváth, 1889b: 174 (upgraded by Kiritshenko, 1918: 55; Linnavuori, 1960: 19). STS: ♂, ♀, TM and UZ (Tashkent); HNHM.

Rhaphigaster mongolica Puton, 1899b: 273 (syn. Kerzhner, 1972a: 378). ST(S): CH (NW), Xinjiang, Karaschar; MNHN.

Rhaphigaster nebulosa (non Poda, 1761): Bodenheimer, 1937: 200. Misidentification (see Linnavuori, 1960: 19).

Distr. AS: AF AK CH (NO NW) IN IS KI MG RU (ES) SY TD TM UZ.

***Rhaphigaster genitalia* Yang, 1934**

Rhaphigaster genitalia Yang, 1934c: 89. HT: ♀, CH (CE), Jiangxi, Luxhan, Hanyanfen; lost.

Distr. AS: CH (CE NO).

***Rhaphigaster haraldi* Lindberg, 1932**

Rhaphigaster haraldi Lindberg, 1932: 15. HT: ♂, MO, along Reraia River nr Asni;

MZHF.

Distr. NA: AG MO TU.

Ref.: Carapezza, 1997 (fig.).

***Rhaphigaster nebulosa* (Poda, 1761)**

Cimex nebulosus Poda, 1761: 56. ST(S): AU, Graecia [= Graz]; lost.

Cimex baccarum (non Linnaeus, 1758): Scopoli, 1763: 123. Misidentification (♀ only, see Reuter, 1888a: 129).

Cimex atomarius Fabricius, 1775: 712 (syn. Westwood, 1837: 7, with *punctipennis*). STS: "Insula Terra Nueve" [in error]; BMNH.

Cimex sagittifer Goeze, 1778: 274 (syn. Reuter, 1888a: 129). For pl. 41, figs 1-3 in Schaeffer, 1766. ST(S): GE, nr Regensburg; lost.

Cimex interstinctus (non Linnaeus, 1758): Schrank, 1781: 273. Misidentification (see Reuter, 1888a: 129).

Cimex lentiginosus Gmelin, 1790: 2135 (syn. Reuter, 1888a: 129). For *Cimex* no. 78b in Zschach, 1788: 118. ST(S): EU; lost.

Cimex griseus (non Linnaeus, 1758): Fabricius, 1794: 116. Misidentification (see Reuter, 1888a: 129).

Cimex punctipennis Illiger, 1807: 372. For *griseus* (auctt., non Linnaeus, 1758).

Cimex nigrovarius Gravenhorst, 1807: 348 (syn. Schulz, 1912: 87, with *punctipennis*). ST(S): EU?; lost.

Pentatoma stigmatica Palisot de Beauvois, 1811: 128 (syn. Stål, 1863a: 503, with *griseus* sensu Fabricius; Reuter, 1888a: 129). ST(S): Haiti, Saint-Domingue [in error].

Menida fusca Motschulsky, 1861: 23 (syn. Kerzhner & Jansson, 1985: 42). LT (Kerzhner & Jansson, 1985: 42): GR, Morea; ZMUM.

Rhaphigaster nebulosa var. *impunctata* Garbiglietti, 1869: 52. ST(S): IT, nr Torino; MIZT.

Distr. EU: AL AU BE BH BU CR CZ ET FR GE GR HU IT LU MA MC MD NL PL PO RO RU (ST) SK SL SP SV SZ UK YU. **NA:** AG MO. **AS:** AB AF AK AR AT CY GG IN IQ SY TM UZ. **EL:** Pakistan.

Ref.: Candan & Suludere, 2001 (egg); Halászfy, 1958 (larva); Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg); Ren, 1992c (egg).

Note: Linnaeus (1758) described a common European species of Acanthosomatidae as *Cimex griseus*, but many authors in 18th and 19th centuries misapplied this species name for *Rhaphigaster nebulosa* (see Reuter, 1888a: 129 for details).

Citations from CH (Yang, 1962; Hsiao & Cheng, 1977) refer to *R. brevispina*.

Genus *Sabaeus* Stål, 1868

Sabaeus Stål, 1868b: 513. Type species by monotypy: *Rhaphigaster spinosus* Dallas, 1851, Philippines.

Ref.: Distant, 1902a (descr., key).

***Sabaeus humeralis* (Dallas, 1851)**

Rhaphigaster humeralis Dallas, 1851a: 278. ST(S): ♀, Bangladesh, Silhet [= Sylhet]; BMNH.

Cuspicona smaragdina Walker, 1867a: 380 (syn. Distant, 1900d: 434). HT: Birmah [= Burma]; BMNH.

Sabaeus spinosus (non Dallas, 1851): Stål, 1876: 92. Misidentification (see Tang, 1935: 333).

Distr. AS: CH. **EL:** Oriental Region.

Genus *Zhengius* Rider, 1998

Tibetocoris L.Y. Zheng & G.Q. Liu, 1987a: 288 (junior homonym of *Tibetocoris* Hutchinson, 1934, Miridae). Type species by original designation: *Tibetocoris spiniferus* L.Y. Zheng & G.Q. Liu, 1987.

Zhengius Rider, 1998b: 508. New name for *Tibetocoris* L.Y. Zheng & G.Q. Liu, 1987.

Zhengius spiniferus (L.Y. Zheng & G.Q. Liu, 1987)

Tibetocoris spiniferus L.Y. Zheng & G.Q. Liu, 1987a: 288. HT: ♂, CH (WP), Xizang, Yi-gong; Beijing Agricultural University, Beijing, CH.

Distr. AS: CH (SW WP).

Zhengius zhangmuensis (Zhang & Lin, 1988)

Tibetocoris zhangmuensis Zhang & Lin, 1988b: 82, 83. HT: ♂, CH (WP), Xizang, Zhang-mu; Jiangxi Agricultural University, Nanchang, Jiangxi, CH.

Distr. AS: CH (WP).

Tribe PHRICODINI Cachan, 1952

PHRICODINI Cachan, 1952: 335 (Phricodaria). Type genus: *Phricodus* Spinola, 1839.

Genus *Phricodus* Spinola, 1839

Phricodus Spinola, 1839: 331. Type species by monotypy: *Aradus hystrix* Germar, 1838.

Stenotoma Westwood, 1846b: 284 (syn. Signoret, 1849: 327). Type species by monotypy:

Stenotoma desjardinsii Westwood, 1846 (= *Aradus hystrix* Germar, 1838).

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1918 (descr.); Göllner-Scheiding, 1999 (rev.); Linnavuori, 1982b (tax.); Safavi, 1979 (key).

Note: Perhaps *Aradus griseus* (Fabricius, 1794) (see this catalogue, vol. 4, p. 20) is a species of this genus, as Latreille (1804: 250) states “l’arade gris de Fabricius est un Pentatome”.

Phricodus aegyptiacus Izzard, 1951

Phricodus aegyptiacus Izzard, 1951: 123. HT: ♂, EG, Wadi Gharagid; BMNH.

Phricodus aegyptiacus var. *fusca* Izzard, 1951: 123. STS: ♂, ♀, EG, Wadi Bir Kena and Ogret El-Sheikh; BMNH.

Distr. NA: EG. **AS:** IS YE.

Ref.: Göllner-Scheiding, 1999 (descr., fig., key).

Phricodus bessaci Villiers, 1959

Phricodus bessaci Villiers, 1959: 1221. HT: ♂, Mauritania, Bafréchié; MNHN.

Phricodus pakistanensis Hamid, 1974: 305 (syn. Hoberlandt, 1997: 217). HT: ♂, Pakistan, Karachi; USNM.

Distr. AS: IN IQ SA. **EL:** Pakistan, tropical Africa.

Ref.: Göllner-Scheiding, 1999 (descr., fig., key); Linnavuori, 1993b (fig.).

Phricodus brouini Villiers, 1950

Phricodus brouini Villiers, 1950a: 327. HT: ♀, Niger, Maradi; MNHN.

Distr. AS: IN. **EL:** Niger, Senegal, Sudan.

Ref.: Göllner-Scheiding, 1999 (descr., fig., key); Linnavuori, 1975 (fig.).

Phricodus hystrix (Germar, 1838)

Aradus hystrix Germar, 1838: 134. ST(S): ♀, South Africa, “Caput Bonae Spei” [= Cape of Good Hope]; ZMHB.

Stenotoma desjardinsii Westwood, 1846b: 284 (syn. Stål, 1865c: 92). ST(S):

Mauritius; OXUM.

Phricodus fasciatus Signoret, 1861: 924 (syn. Stål, 1865c: 92). LT (Göllner-Scheiding, 1999: 154): ♂, Madagascar, Nossi-bé; NHMW.

Phricodus ornatus Villiers, 1952b: 1206 (syn. Roche, 1977: 570). HT: Togo, Tohoun; MNHN.

Phricodus incisiforceps Linnavuori, 1975: 22 (syn. Göllner-Scheiding, 1999: 154). HT: ♂, Ethiopia, Mt Maigudo; AMNH.

Distr. AS: SA YE. **EL:** Africa, India, Mauritius, Seychelles.

Ref.: Cachan, 1952 (fig.); Linnavuori, 1975 (fig.).

Tribe PIEZODORINI Atkinson, 1888

PIEZODORINI Atkinson, 1888a: 143 (Piezodoraria). Type genus: *Piezodorus* Fieber, 1860.

Genus *Pausias* Jakovlev, 1905

Pausias Jakovlev, 1905d: 142. Type species by monotypy: *Piezodorus martini* Puton, 1890.

Cosmopausias Linnavuori, 1982b: 149 (junior objective synonym). Type species by original designation: *Piezodorus martini* Puton, 1890.

Ref.: Linnavuori, 1982b (key); Safavi, 1979 (key).

Note: Leston (1953c) treated *Pausias* as a junior synonym of *Piezodorus*. This has been disputed by a number of workers since.

Pausias leprieuri leprieuri (Signoret, 1880)

Piezodorus leprieuri Signoret, 1880b: cxxxv. ST(S): EG; NHMW?

Distr. NA: EG LB. **AS:** AF.

Extralimital subspecies: *Pausias leprieuri ornatellus* Linnavuori, 1982, Nigeria.

Ref.: Linnavuori, 1982b (descr., fig.).

Pausias leprieuri elegans Vidal, 1949

Pausias elegans Vidal, 1949: 176, 177 (downgraded by Linnavuori, 1982b: 148). STS: ♂, Sahara Espagnol [= Western Sahara], Rio del Oro, El Mekeiteb, Oued Ternit; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: TU. **AS:** IS SA YE. **EL:** tropical Africa.

Ref.: Carapezza, 1997 (fig.).

Pausias martini (Puton, 1890)

Piezodorus martini Puton, 1890: 227. STS: AB (Kura Valley, Evlakh) and SY; MNHN.

Distr. AS: AB AR AT IN IQ SY.

Ref.: Linnavuori, 1982b (fig.).

Genus *Piezodorus* Fieber, 1860

Piezodorus Fieber, 1860: 78; 1861: 329. Type species by subsequent monotypy (Fieber, 1861: 329): *Piezodorus degeeri* Fieber, 1861 (= *Cimex lituratus* Fabricius, 1794).

Piestodorus Marshall, 1868: 281. Unjustified emendation.

Ref.: Distant, 1902a (descr., key); Linnavuori, 1982b (key); Staddon & Ahmad, 1995 (rev.).

Piezodorus flavulus (Stål, 1854)

Cimex pallescens Germar, 1838: 175 (junior primary homonym of *Cimex pallescens* Gmelin, 1790, Miridae). ST(S): South Africa, “Caput Bonae Spei” [= Cape of Good

- Hope]; ZMUL.
Rhaphigaster flavulus Stål, 1854b: 221 (syn. Stål, 1865c: 198). STS: South Africa, Natal (“in terra Natalensi”); NHRS.
Distr. AS: IN SA. **EL:** Africa.
Ref.: Linnavuori, 1982b (fig.; *pallescent*); Rider & Rolston, 1995 (nomencl.); Staddon & Ahmad, 1995 (tax.; *pallescent*).
- Piezodorus hybneri* (Gmelin, 1790)**
Cimex rubrofasciatus Fabricius, 1787: 293 (junior primary homonym of *Cimex rubrofasciatus* De Geer, 1783). STS: India, “Tranquebariae”; ZMUC.
Cimex hybneri Gmelin, 1790: 2151. New name for *rubrofasciatus* Fabricius, 1787.
Cimex flavescens Fabricius, 1798: 534 (syn. Stål, 1868a: 32). ST(S): India; lost.
Rhaphigaster [sic] *flavolineatus* Westwood, 1837: 31 (syn. Stål, 1876: 100). ST(S): Indonesia, Java; OXUM.
Rhaphigaster virescens Amyot & Serville, 1843: 148 (junior primary homonym of *Rhaphigaster virescens* Westwood, 1837; syn. Dallas, 1851a: 283). ST(S): ♂, Indonesia, Java.
Nezara pellucida Ellenrieder, 1862: 157 (syn. Stål, 1876: 100). ST(S): Indonesia, Sumatra, Lahat.
Distr. AS: CH (CE NO SE SW) IN JA TA YE. **EL:** Africa, Oriental Region.
Ref.: Linnavuori, 1982b (fig.; *rubrofasciatus*); Nuamah, 1982 (chrom.); Staddon & Ahmad, 1995 (fig., tax.).
- Piezodorus lituratus* (Fabricius, 1794)**
Cimex bilobus Gmelin, 1790: 2149 (junior primary homonym of *Cimex bilobus* Schrank, 1781; syn. Reuter, 1888a: 127). For *Cimex* no. 82 in Zschach, 1788: 118. ST(S): EU; lost.
Cimex lituratus Fabricius, 1794: 114. ST(S): IT; ZMUC.
Pentatoma incarnatum Germar, 1822: pl. 23 and legend (syn. Puton, 1881b: 66). ST(S): GE, Dessau; ZMUL.
Pentatoma alliaceum Germar, 1824: pl. 24 and legend (syn. Herrich-Schaeffer, 1835a: 94, with *incarnatus*). STS: EU (south); ZMUL.
Pentatoma purpuripennis Hahn, 1834: 62 (syn. Herrich-Schaeffer, 1835a: 94, with *incarnatus*). STS: GE, Nürnberg.
Rhaphigaster [sic] *punctulatus* Westwood, 1837: 31 (syn. Stål, 1863a: 502, with *incarnatus*). ST(S): America Boreali [in error]; OXUM.
Pentatoma (*Rhaphigaster* [sic]) *purpuripennis* var. *griseoviridis* Gorski, 1852: 101 (syn. Reuter, 1885a: 42). New name for *alliaceum* Germar, 1824.
Pentatoma (*Rhaphigaster* [sic]) *purpuripennis* var. *rosea* Gorski, 1852: 102 (syn. Reuter, 1885a: 42). ST(S): locality not given; lost.
Piezodorus degeeri Fieber, 1861: 329 (syn. Stål, 1868a: 31). For *Cimex purpureipennis* De Geer sensu Dallas, 1851.
Rhaphigaster parilis Walker, 1867a: 374 (syn. Distant, 1900d: 434, with *incarnatus*). HT: locality unknown; BMNH.
Piezodorus lituratus f. *nigroscutellatum* Fuente, 1975: 119 (unavailable name). HT: ♂, SP, Ávila, Revilla de la Cañada; Universidad Complutense, Madrid, SP.
Distr. EU: AL AU BE BH BU BY CR CZ DE ET FR GB GE GR HU IR IT LA LS LT LU MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG AZ MO MR TU. **AS:** AB AK AR AT CH (NW) CY GG IN IQ IS KI LE RU (ES WS) SY.
Ref.: Candan, 1998b (egg); Halászfy, 1958 (larva); Hinton, 1981 (egg); Nuamah, 1982

(chrom.); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

***Piezodorus punctipes* Puton, 1889**

Piezodorus punctipes Puton, 1889: 298. ST(S): CI, Tenerife, Santa Cruz de Tenerife; MNHN.

Distr. NA: CI. **EL:** Mali.

Ref.: Heiss & Woudstra, 1993 (fig., tax.); Staddon & Ahmad, 1995 (fig., tax.).

***Piezodorus teretipes* (Stål, 1865)**

Nezara (Piezodorus) teretipes Stål, 1865c: 198. STS: ♂, ♀, Sudan, Nubia superior; NHRS.

Piezodorus ononidis Lindberg, 1932: 14 (syn. Baena, 1994: 90). HT: ♀, MO, E of Mogador [= Essaouira]; MZHF.

Piezodorus sindellus Ahmad & Rana, 1982: 39 (syn. Staddon & Ahmad, 1995: 794). HT: ♂, Pakistan, Sind, Lakhmir Goth; Natural History Museum, University of Karachi, Pakistan.

Distr. NA: CI EG MO. **AS:** IN QA SA YE. **EL:** Pakistan, tropical Africa.

Ref.: Heiss & Woudstra, 1993 (fig., tax.); Linnavuori, 1975 (fig.).

Tribe RHYNCHOCORINI Stål, 1871

RHYNCHOCORINI Stål, 1871: 636 (Rhynchocorina). Type genus: *Rhynchocoris* Westwood, 1837.

Genus *Rhynchocoris* Westwood, 1837

Rhynchocoris Westwood, 1837: 29. Type species by subsequent designation (Kirkaldy, 1902a: 136): *Cimex hamatus* Fabricius, 1787 (= *Cimex humeralis* Thunberg, 1783).

***Rhynchocoris humeralis* (Thunberg, 1783)**

Cimex humeralis Thunberg, 1783: 40. ST(S): locality not given; UZIU.

Cimex hamatus Fabricius, 1787: 286 (syn. Dallas, 1851a: 302). STS: India; ZMUC.

Biprorulus bibax (non Breddin, 1900): Shiraki, 1910: 106. Misidentification (see Esaki, 1926a: 150).

Distr. AS: CH (CE NO SE SW) JA (Ryukyus) TA. **EL:** Oriental Region.

Ref.: Hoffmann, 1931 (egg, larva); Mittal & Leelamma, 1981 (chrom.).

***Rhynchocoris nigridens* Stål, 1871**

Rhynchocoris nigridens Stål, 1871: 635. STS: ♂, ♀, Philippines; NHRS.

Distr. AS: CH (SE SW). **EL:** Philippines.

***Rhynchocoris plagiatus* (Walker, 1867)**

Cuspicona plagiata Walker, 1867a: 379. HT: India, Hindostan; BMNH.

Rhynchocoris taprobanensis Bergroth, 1891: 211 (syn. Distant, 1900d: 423). ST(S): ♂, Ceylon [= Sri Lanka]; MNHN.

Distr. AS: CH (SW). **EL:** India, Sri Lanka.

Genus *Vitellus* Stål, 1865

Vitellus Stål, 1865b: 170. Type species by subsequent designation (Distant, 1902a: 214):

Vitellus insularis Stål, 1865, Fiji.

***Vitellus orientalis* Distant, 1900**

Vitellus orientalis Distant, 1900e: 172. STS: India, Utakamand and Nilgiri Hills; BMNH.

Distr. AS: CH (SE SW) JA (Ryukyus). **EL:** India.

Tribe ROLSTONIELLINI Rider, 1997

COMPASTINI Distant, 1902a: 196 (Compastaria). Based on preoccupied generic name *Compastes* Stål, 1868 (= *Rolstoniellus* Rider, 1997).

ROLSTONIELLINI Rider, 1997: 401. New name for Compastini Distant, 1902. Type genus: *Rolstoniellus* Rider, 1997.

Genus *Agathocles* Stål, 1876

Agathocles Stål, 1876: 106. Type species by monotypy: *Agathocles limbatus* Stål, 1876.

Ref.: Distant, 1902a (descr., key).

Agathocles limbatus Stål, 1876

Agathocles limbatus Stål, 1876: 106. ST(S): ♂, Bangladesh, Silhet [= Sylhet]; NHRS.

Distr. AS: CH (SE). **EL:** Bangladesh, India.

Agathocles yunnanensis Zhang & Lin, 1984

Agathocles yunnanensis Zhang & Lin in Lin & Zhang, 1984: 268. HT: ♀, CH (SW), Yunnan, Cang-yuan County; IZAS.

Distr. AS: CH (SW).

Genus *Critheus* Stål, 1868

Critheus Stål, 1868b: 516. Type species by subsequent monotypy (Stål, 1870b: 229):

Critheus lineatifrons Stål, 1870.

Fernelius Distant, 1900e: 173 (syn. Ghauri, 1963: 409). Type species by monotypy:

Fernelius indicus Distant, 1900.

Ref.: Distant, 1902a (descr., key); Ghauri, 1963 (revision).

Critheus indicus (Distant, 1900)

Fernelius indicus Distant, 1900e: 173. STS: India (Sikkim, Mungphu) and Burma (Rangoon); BMNH.

Distr. AS: CH (SW). **EL:** Burma, India.

Ref.: Ghauri, 1963 (descr., fig., key, tax.); L.Y. Zheng, 1986, 1994 (host).

Critheus lineatifrons Stål, 1870

Critheus lineatifrons Stål, 1870b: 229. ST(S): ♂, Burma; NHRS.

Distr. AS: CH (SE). **EL:** Oriental Region.

Ref.: Ghauri, 1963 (descr., fig., key, tax.).

Genus *Exithemus* Distant, 1902

Exithemus Distant, 1902a: 199. Type species by original designation: *Exithemus assamensis* Distant, 1902.

Exithemus assamensis Distant, 1902

Exithemus assamensis Distant, 1902a: 199. ST(S): India, Assam; BMNH.

Distr. AS: CH (CE SE SW). **EL:** India.

Ref.: Lin & Zhang, 1993a (descr., fig.).

Genus *Rolstoniellus* Rider, 1997

Compastes Stål, 1868b: 519 (junior homonym of *Compastes* Gistel, 1848, Orthoptera).

Type species by original designation: *Compastes boutanicus* Dallas, 1849.

Rolstoniellus Rider, 1997: 401. New name for *Compastes* Stål, 1868.

Ref.: Distant, 1902a (descr., key; *Compastes*).

***Rolstoniellus boutanicus* (Dallas, 1849)**

Cimex? *boutanicus* Dallas, 1849: 190. ST(S): ♀, Bhutan; BMNH.

Compastes bhutanicus: Distant, 1902a: 200. Incorrect subsequent spelling.

Distr. AS: CH (SW WP). **EL:** Bhutan, Burma, India.

Ref.: Dey & Wangdi, 1988 (chrom.).

***Rolstoniellus neoexstimulatus* (Yang, 1935)**

Compastes neoexstimulatus Yang, 1934e: 100. STS: ♂, ♀, Bhutan; MNHN.

Distr. AS: CH (SW). **EL:** Bhutan.

Tribe SCIOCORINI Amyot & Serville, 1843

PODODINI Amyot & Serville, 1843: xxii, 99 (Pododides). Type genus: *Pododus* Amyot & Serville, 1843, tropical Africa.

SCIOCORINI Amyot & Serville, 1843: xxiv, 118 (Sciocorides). Type genus: *Sciocoris* Fallén, 1829.

OPLOSCELINI Mulsant & Rey, 1866: 82 (Oploscelates). Type genus: *Oploscelis* Mulsant & Rey, 1852 (= *Menaccarus* Amyot & Serville, 1843).

Genus *Dyroderes* Spinola, 1837

Dyroderes Spinola, 1837: 311. Type species by monotypy: *Acanthia umbraculata* Fabricius, 1775.

Doryderes Amyot & Serville, 1843: 121. Unjustified emendation.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Dyroderes umbraculatus* (Fabricius, 1775)**

Acanthia umbraculata Fabricius, 1775: 695. ST(S): DE, “Hafniae” [= Copenhagen]; lost.

Cimex marginatus Fabricius, 1798: 532 (junior primary homonym of *Cimex*

marginatus Linnaeus, 1758; syn. Fabricius, 1803: 154). ST(S): MO, Tanger; lost.

Pentatoma aparines Dufour, 1833: 159. New name for *marginatus* Fabricius, 1798.

Distr. EU: AU BE BH BU CR ET FR GE! GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG EG MO TU. **AS:** AB AR AT CY IQ IS JO SY.

Ref.: Hinton, 1981 (egg); Polivanova, 1964 (larva).

Genus *Menaccarus* Amyot & Serville, 1843

Menaccarus Amyot & Serville, 1843: xxii, 100. Type species by monotypy: *Menaccarus piceus* Amyot & Serville, 1843.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

Subgenus *Menaccarus* Amyot & Serville, 1843

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Menaccarus piceus* Amyot & Serville, 1843**

Menaccarus piceus Amyot & Serville, 1843: 100. ST(S): locality unknown.

Menaccarus ciliosus Stål, 1865c: 123. Unnecessary new name for *piceus* Amyot & Serville, 1843.

Distr. AS: YE. **EL:** Nigeria, Sudan.

Ref.: Isakov, 2005 (descr., figs); Linnavuori, 1975 (descr., fig.).

Subgenus *Oploscelis* Mulsant & Rey, 1852

Oploscelis Mulsant & Rey, 1852: 80 (syn. Puton, 1875: 16; as subgenus by Isakov, 2005:

17). Type species by monotypy: *Oploscelis ciliata* Mulsant & Rey, 1852 (= *Sciocoris arenicola* Scholtz, 1847).

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Menaccarus arenicola* (Scholtz, 1847)**

Sciocoris arenicola Scholtz, 1847: 156. STS: PL, Sweitsch [= Wrocław-Swojczyce] and Glogau [= Głogów]; lost.

Oploscelis ciliatus Mulsant & Rey, 1852: 80 (syn. Baerensprung, 1858a: 79). ST(S): FR, Aigue-Mortes; lost?

Menaccarus pallidus Perris, 1857: 158 (syn. Puton, 1875: 16). HT: FR, Les Landes; EAMF?

Menaccarus arenicola f. *minor* Stichel, 1936: 43. HT: GE, Gross-Machnow.

Distr. EU: AU BU BY CZ EK FR GB (Jersey) GE HU IT MC PL PO RO RU (CT ST) SK SP UK YU. **NA:** AG MO TU. **AS:** AK AT IN IS? KI RU (WS) SY.

Ref.: Hinton, 1981 (egg); Isakov, 2005 (descr., figs); Putshkova, 1961 (egg).

Subgenus *Orocephalus* Mulsant & Rey, 1866

Orocephalus Mulsant & Rey, 1866: 86 (as subgenus of *Oploscelis*; as subgenus of *Menaccarus* by Isakov, 2005: 17). Type species by monotypy: *Oploscelis dohrniana* Mulsant & Rey, 1866.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Menaccarus deserticola* Jakovlev, 1900**

Menaccarus deserticola Jakovlev, 1900: 519 (syn. Kerzhner, 1964a: 366, with *ovalis*; restored by Derzhansky, 1995: 263). HT: ♀, AK, Ural'sk Prov., Khanskaya Stavka [= Urda]; ZMAS.

Menaccarus transparens Jakovlev, 1900: 520 (Derzhansky, 1995: 263). HT: ♀, TM, Bakharden, about 100 km NW Ashkhabad; ZMAS.

Menaccarus eremita Jakovlev, 1903c: 289 (syn. Kiritshenko, 1922: 8; Derzhansky, 1995: 263). HT: ♀, TM, Annau nr Ashkhabad; ZMAS.

Distr. EU: RU (ST). **NA:** AG? **AS:** AK IN TD TM.

Ref.: Isakov, 2005 (descr., figs).

Note: Synonymy with *M. dohrnianus* suggested by Derzhansky & Péricart (2005: 234).

***Menaccarus deserticus* (Mancini, 1936)**

Pododus deserticus Mancini, 1936: 301. HT: LB, Uadi Tanezzuft; MCSN.

Distr. NA: AG LB TU.

Note: Synonymy with *M. dohrnianus* suspected by Vidal (1949: 120), see also Derzhansky & Péricart (2005: 225).

***Menaccarus dissimilis* (Horváth, 1917)**

Pododus dissimilis Horváth, 1917b: 373. ST(S): ♀, EG, Aboukir; HNHM.

Distr. NA: EG TU? **EL:** Sudan.

Note: Synonymy with *M. dohrnianus* suspected by Derzhansky & Péricart (2005: 234).

***Menaccarus divaricatus* Jakovlev, 1877**

Menaccarus divaricatus Jakovlev, 1877a: 76 (syn. V.G. Putshkov, 1965: 180, with *dohrnianus*; restored by Derzhansky, 1995: 263). HT: ♀, IN, Shahrud; ZMAS.

Distr. AS: IN TD TM UZ.

Ref.: Isakov, 2005 (descr., figs).

***Menaccarus dohrnianus* (Mulsant & Rey, 1866)**

Oploscelis (*Orocephalus*) *dohrniana* Mulsant & Rey, 1866: 86. STS: IT, Sicily; NHMW.

Menaccarus ovalis Puton, 1873: 12 (syn. Puton, 1899a: 11; Derzhansky, 1995: 263). STS: ♀, AG, Biskra; MZHF.

Menaccarus hirticornis Puton, 1873: 13 (syn. Puton, 1881a: 76). STS: ♀, AG, La Calle; ISNB, MZHF.

Menaccarus jakovlevi Reuter, 1902: 145 (syn. Linnavuori, 1960: 12, with *ovalis*). STS: ♂, TU; MZHF.

Pododus jakovlevi Oshanin, 1912: 9. Unjustified emendation.

Orocephalus rotundatus Horváth, 1923: 204 (syn. Stichel, 1961: 744, with *ovalis*). STS: ♂, ♀, AG, Ain-Sefra and Kreider; HNHM.

Distr. EU: IT. NA: AG CI EG LB MO TU. AS: AB? AT IN IS SA SI SY.

***Menaccarus turolensis* Fuente, 1972**

Menaccarus turolensis Fuente, 1972b: 88. HT: ♀, SP: Teruel; Universidad Complutense, Madrid, SP.

Distr. EU: SP.

Genus *Phaeocoris* Jakovlev, 1887

Phaeocoris Jakovlev, 1887: 306. Type species by monotypy: *Phaeocoris semenowi* Jakovlev, 1887 (= *Aelia elliptica* Herrich-Schaeffer, 1840).

Timuria Horváth, 1903b: 402 (syn. Horváth, 1903a: 555). Type species by monotypy:

Timuria melanocera Horváth, 1903 (= *Aelia elliptica* Herrich-Schaeffer, 1840).

Tancreisca Jensen-Haarup, 1937: 169 (syn. Kiritschenko, 1952: 154). Type species by original designation: *Tancreisca breddini* Jensen-Haarup, 1937 (= *Aelia elliptica* Herrich-Schaeffer, 1840).

Lodosia Ahmad & Önder in Ahmad et al., 1996: 256 (syn. Gapon & Baena, 2005: 62). Type species by original designation: *Lodosia gonocoxa* Ahmad & Önder, 1996 (= *Aelia elliptica* Herrich-Schaeffer, 1840).

Ref.: Gapon & Baena, 2005 (syst.); Hoberlandt, 1993 (key).

Note: *Phaeocoris* has usually been placed near the sciocorine genus *Dyroderes*. Kerzhner (1972a) erroneously placed *Phaeocoris* (and both of its synonyms: *Timuria* and *Tancreisca*) as a junior synonym of *Dymantis*, a myrocheine genus generally restricted to Africa.

***Phaeocoris andreae* Vidal, 1941**

Phaeocoris andreae Vidal, 1941: 37. STS: ♂, ♀, MO, Moyen Atlas, Bou Iblane; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: MO.

Ref.: Derzhansky & Péricart, 2005 (descr., figs, key; *Dymantis*)

***Phaeocoris ellipticus ellipticus* (Herrich-Schaeffer, 1840)**

Aelia elliptica Herrich-Schaeffer, 1840a: 79. ST(S): Siberia; lost.

Phaeocoris semenowi Jakovlev, 1887: 308 (syn. Horváth, 1903a: 555). HT: ♂, RU (WS), Altai, Biya River; ZMAS.

Timuria melanocera Horváth, 1903b: 403 (syn. Josifov & Kerzhner, 1967: 7). STS: ♀, MG (Hangai Mts) and CH (WP: Qinghai, nr Kuku-Nor Lake [= Qinghai Hu]); DEIC?, HNHM.

Tancreisca breddini Jensen-Haarup, 1937: 170 (syn. Kerzhner, 1972a: 366). STS: ♂, ♀, CH (WP: Qinghai, nr Kuku-Nor Lake [= Qinghai Hu]); ZMUH.

Lodosia gonocoxa Ahmad & Önder in Ahmad et al., 1996: 256 (syn. Gapon & Baena, 2005: 67). HT: ♀, AT, Erzincan, Ahmediya; EUIT.

Distr. AS: AK AT CH (NW WP) KI MG RU (ES WS).

Ref.: Derzhansky & Péricart (descr., figs, key; *Lodosia*); Wagner, 1965d (male genitalia).

Note: specimens from AK and KI are transitional to spp. *alpicola*.

***Phaeocoris ellipticus alpicola* Kiritshenko, 1912**

Phaeocoris alpicola Kiritshenko, 1912a: 378 (downgraded by Kerzhner, 1972a: 367).

HT: ♀, TD, Zeravshan Range, Sai-Narvat [nr Lake Iskander-Kul']; ZMAS.

Distr. AS: TD.

Genus *Sciocoris* Fallén, 1829

Sciocoris Fallén, 1829: 20. Type species by monotypy: *Cimex umbrinus* (non Wolff, 1804): Fallén, 1829 (= *Naucoris cursitans* Fabricius, 1794).

Ref.: Derzhansky, 1994 (key, tax.); Derzhansky & Péricart, 2005 (monogr.); Halászfy, 1952 (tax.); Péricart, 2002 (tax.).

Subgenus *Aposciocoris* Wagner, 1965

Aposciocoris Wagner, 1965c: 120 (as subgenus of *Sciocoris*). Type species by original designation: *Sciocoris macrocephalus* Fieber, 1851.

Ref.: Derzhansky, 1994 (key); Derzhansky & Péricart, 2005 (monogr.).

***Sciocoris atifi* Lodos & Önder, 1982**

Sciocoris (Aposciocoris) atifi Lodos & Önder, 1982: 141. HT: ♂, AT, Kilis; EUIT.

Distr. AS: AT IN.

***Sciocoris homalonotus* Fieber, 1851**

Sciocoris homalonotus Fieber, 1851: 448. STS: CR, IT and HU; MNHN (see note).

Sciocoris macrocephalus (non Fieber, 1851): Lundblad, 1954: 54. Misidentification (see Coulianos, 1976: 115).

Sciocoris (Aposciocoris) nigropunctatus Fuente, 1972b: 91 (syn. Péricart, 2002: 444). HT: ♂, SP, Madrid, Escorial; Universidad Complutense, Madrid, SP.

Distr. EU: AL AU BH BU CR CZ DE FR GE HU IT MC MD PL PO RO RU (CT: Samara Prov. ST) SK SL SP SV SZ UK YU. **NA:** AG MO TU. **AS:** AB AR AT GG IS IN LE SY.

Ref.: Hinton, 1981 (egg); Isakov, 2001 (egg, larva); Putshkova, 1961 (egg).

Note: Fieber (1851) described *S. homalonotus* from three localities (CR, IT and HU). Wagner (1953d) was unable to find any type specimens from these localities, but he did find two specimens from the Noualhier (MNHN) collection that conformed to this species. They were from Reinoso, SP; he selected one of them as the “lectotype”, but since it did not come from the type series, it cannot be a lectotype. It could possibly be considered a neotype, but Péricart (2002) declared the type designation invalid; he also felt that this species was distinct enough that neotype designations were not needed.

***Sciocoris luteolus* Fieber, 1861**

Sciocoris luteolus Fieber, 1861: 356. ST(S): ♂, “Turkei”; lost. NT (Wagner, 1953d: 273): ♂, SY; MNHN (see note).

Distr. EU: IT MC SP. **NA:** TU. **AS:** AF AT IN IS JO SY.

Note: Fieber (1861) described this species from Turkey. Wagner (1953d) indicated that he could not find any specimens in the Fieber or Puton collections of this species

from Turkey in either the MNHN or NHMW. He did find a specimen from SY in the Fieber collection which he selected as type for the species without actually calling it either lectotype or neotype.

***Sciocoris macrocephalus* Fieber, 1851**

Sciocoris macrocephalus Fieber, 1851: 443. STS: SY; lost (see note below).

?*Sciocoris reflexus* Fieber, 1851: 447 (syn. Péricart, 2002: 444, suspected). ST(S): SP; MNHN (1 ST).

Sciocoris basalis Fieber, 1851: 447 (syn. Puton, 1873: 23; Derzhansky, 1994: 90). STS: IT and RU (NT: St Petersburg); MNHN.

?*Sciocoris europaeus* Amyot & Serville, 1843: 120 (syn. Kerzhner, 2005: 73). STS: ♂, ♀, FR, Paris and Marseille; lost?

Sciocoris conspurcatus (non Klug, 1845): Mulsant & Rey, 1866: 92. Misidentification (see Puton, 1881a: 76).

Distr. EU: AL AU BE? BH BU BY CR CZ DE EK EN ET FR GE GR HU IT LU MC MD PL PO RO RU (CT NT ST) SK SL SP SZ UK YU. **NA:** AG MO TU. **AS:** AB AK AR AT CH (NW) CY GG IS JO KI MG SY TD TM UZ.

Ref.: Hinton, 1981 (egg); Isakov, 2001 (egg, larva); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Note: Fieber (1851) described *S. macrocephalus* from SY. Wagner (1953d) was unable to locate any type specimens, so he designated a specimen from Corsica as the “lectotype”. Since this specimen was not a member of the type series, it cannot be a lectotype. It could possibly be considered a neotype, but Péricart (2002) considered this type designation to be invalid; he also considered the species to be rather distinct, so no neotype designation was needed. Wagner (1965c) erroneously resurrected *S. basalis* as a valid species.

***Sciocoris microphthalmus* Flor, 1860**

Cimex umbrinus (non Wolff, 1804): Panzer, 1803: pl. 15 and legend. Misidentification (see Mulsant & Rey, 1866: 105).

Pentatoma umbrina (non Wolff, 1804): Latreille, 1804: 190. Misidentification (see Mulsant & Rey, 1866: 105).

Sericoris [sic] *umbrinus* Eversmann, 1837: 37. For *umbrinus* sensu Hahn, 1833. STS: GE (Nürnberg) and RU (ST: between Volga and the Urals); lost. Nomen oblitum.

Sciocoris umbrinus (non Wolff, 1804): Hahn, 1833a: 195; Zetterstedt, 1838: 258; Fieber, 1851: 440; 1861: 358. Misidentifications (see Mulsant & Rey, 1866: 105).

Sciocoris microphthalmus Flor, 1860: 114. STS: ♂, ♀, EN (Dorpat [= Tartu]) and LA (Kokenhusen [= Koknese], Lodenhof [= Lode], Segewold [= Sigulda] and Wenden [= Cēsis]; IZBE.

Sciocoris curtipennis Mulsant & Rey, 1866: 105 (syn. Puton, 1869: 4). STS: ♂, ♀, FR, nr Paris, Chartreuse, and Lyon; lost?

Sciocoris homalonotus cerrutii Wagner, 1959b: 59 (upgraded by Wagner, 1965c: 124; syn. Péricart, 2002: 444, suspected). HT: ♂, IT, Pisa, Coltano; INER.

Sciocoris (*Aposciocoris*) *microphthalmus poppiusi* Wagner, 1965c: 125 (syn. Kerzhner, 1972a: 366). HT (see Aukema & Kerzhner, 2005: 70): ♂, BU, Mt. Vitosha; ZMUH.

Sciocoris (*Aposciocoris*) *pirinaicus* Fuente, 1972b: 92 (syn. Péricart, 2002: 444). HT: ♂, SP, Huesca, Circo de Soaso; Universidad Complutense, Madrid, SP.

Distr. EU: AL AN AU BE? BH BU BY CR CZ EN FI FR GE GR HU IT LA LT LU MD NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AT CH (NE NO WP) GG IN MG RU (ES FE WS). **EL:** Canada, United States.

Ref.: Derzhansky, 1994 (key).

***Sciocoris pictus* Wagner, 1959**

Sciocoris pictus Wagner, 1959c: 111. HT (see Aukema & Kerzhner, 2005: 70): ♂, AT, Azen Ciflik; ZMUH.

Distr. EU: GR. **AS:** AT IN.

***Sciocoris placidus* Jakovlev, 1903**

Sciocoris placidus Jakovlev, 1903e: 84. LT (Kerzhner, 1976: 81): ♂, MG, Bura; ZMAS.

Distr. AS: KO MG RU (ES FE).

Ref.: Derzhansky, 1994 (fig., key); Wagner, 1965c (descr., fig., key).

Note: Kerzhner (1972a) placed *Sciocoris placidus* Jakovlev, 1903, as a junior synonym of *Sciocoris microphthalmus* Flor, 1860, but later (1976) he indicated that it was in fact a good species.

***Sciocoris safavii* Hoberlandt, 1959**

Sciocoris safavii Hoberlandt, 1959: 508. HT: ♂, IN, Kermanshah, Sahneh; NMPC.

Distr. AS: IN IQ.

***Sciocoris umbrinus* (Wolff, 1804)**

Cimex umbrinus Wolff, 1804: 142. ST(S): EU; lost.

Sciocoris brevicollis Fieber, 1851: 441 (syn. Puton, 1869: 4; Derzhansky, 1994: 90). AU, GE (Bavaria), CZ (Bohemia) and PL (Silesia); MNHN (not located, see Wagner, 1953d).

Sciocoris fieberii Flor, 1860: 115 (syn. Fieber, 1863b: 54, with *brevicollis*). STS: ♂, ♀, LA, Lodenhof [= Lode], Kudling [= Banuži]; IZBE.

Sciocoris rotermundi Schumacher, 1912c: 148 (syn. Bergroth, 1914b: 181, with *brevicollis*). STS: PL, Silesia, Sobótka (see Lis, 1990c: 12).

Sciocoris rotermundi f. *subglabra* Schumacher, 1912c: 148. ST(S): PL, Silesia, Sobótka

Distr. EU: AU BU BY CZ EN FI FR GE IT LA LT MD NR PL PO RO RU (CT NT) SK SL SP SV SZ UK. **NA:** AG. **AS:** AK AT CH (NO) IN IS MG RU (ES WS) SY.

Ref.: Derzhansky, 1994 (syst. position).

Subgenus *Masthletinus* Reuter, 1879

Masthletinus Reuter, 1879a: 48 (downgraded by Wagner, 1965c: 160). Type species by monotypy: *Masthletinus abbreviatus* Reuter, 1879.

Ref.: Derzhansky, 1994 (key); Wagner, 1965c (key).

***Sciocoris abbreviatus* (Reuter, 1879)**

Masthletinus abbreviatus Reuter, 1879a: 48. HT: RU (ES), Irkutsk?; MZHF.

Masthletinus nigriventris Jakovlev, 1889c: 50 (syn. Kerzhner, 1964a: 366). LT (Derzhansky et al., 2002: 369): ♂, RU (ES), Irkutsk; ZMAS.

Distr. EU: EK. **AS:** AK CH (NO) MG RU (ES FE WS).

Ref.: Derzhansky, 1994 (fig., key); Wagner, 1965c (descr., fig.).

Subgenus *Neosciocoris* Wagner, 1965

Neosciocoris Wagner, 1965c: 128 (as subgenus of *Sciocoris*). Type species by original designation: *Sciocoris maculatus* Fieber, 1851.

Ref.: Derzhansky, 1994 (key); Derzhansky & Péricart, 2005 (monogr.).

***Sciocoris assimilis* Fieber, 1851**

Sciocoris assimilis Fieber, 1851: 442. ST(S): CZ, Bohemia; MNHN (1♀, see

- Wagner, 1953d: 274; 1965: 152).
- Distr. EU:** ?
- Ref.:** Derzhansky & Péricart, 2005 (note); Wagner, 1965c (descr., fig., key).
- Note:** Fieber (1851: 442) described the species from Bohemia, but later on he only listed it from GE (Fieber, 1961: 359). Servadei (1952) listed the species from IT (Sardinia). In recent checklists for these countries, however, it is not listed anymore. Its taxonomic position and distribution remain uncertain (see also Derzhansky & Péricart, 2005: 190).
- Sciocoris conspurcatus conspurcatus* Klug, 1845**
- Sciocoris conspurcatus* Klug, 1845: sign d. STS: EG (Alexandria) and Sudan (Ambukojl [= Ambikol]); ZMHB?
- Sciocoris fissus* var. *scutellaris* Puton, 1884a: 147 (syn. Horváth, 1917b: 374; Péricart 2002: 445, confirmed). STS: AG, Oran; MNHN, MZHF.
- Distr. EU:** FR IT? MA MC PO SP. **NA:** AG EG LB MO TU. **AS:** IN IS JO QA SA SI SY YE. **EL:** Djibouti, Sudan.
- Sciocoris conspurcatus majusculus* Linnavuori, 1964**
- Sciocoris conspurcatus majusculus* Linnavuori, 1964: 308. HT: ♂, FR, Le Lavandou; AMNH.
- Sciocoris* (*Neosciocoris*) *carayoni* Wagner, 1965c: 136 (syn. Ribes & Saulea, 1979: 150). HT: ♂, SP, Barcelona, Farola; ZMUH (not found, see Aukema & Kerzhner, 2005: 71).
- Distr. EU:** FR SP. **NA:** CI.
- Sciocoris fraterculus* Linnavuori, 1972**
- Sciocoris* (*Neosciocoris*) *fraterculus* Linnavuori, 1972b: 4. HT: ♂, Somalia, nr Borama; AMNH.
- Sciocoris orientalis* (non Linnavuori, 1960): Linnavuori & Alamy, 1982: 97. Misidentification (see Linnavuori, 1986a: 59).
- Distr. AS:** SA. **EL:** Somalia, Sudan.
- Sciocoris gyldenstolpei* Bergroth, 1926**
- Sciocoris gyldenstolpei* Bergroth, 1926: 3. ST(S): ♀, Zaire, Ituriel; MZHF?
- Distr. AS:** SA. **EL:** Nigeria, Sudan, Zaire.
- Sciocoris kiritshenkoi* Wagner, 1965**
- Sciocoris* (*Neosciocoris*) *kiritshenkoi* Wagner, 1965c: 133 HT (see Aukema & Kerzhner, 2005: 70): ♂, TD, Pendzhikent, Zeravschan River; ZMUH.
- Distr. AS:** IN TD UZ.
- Ref.:** Derzhansky, 1994 (fig., key); Isakov, 2001 (egg, larva).
- Sciocoris leprieuri* Mulsant & Rey, 1866**
- Sciocoris leprieuri* Mulsant & Rey, 1866: 104. LT (Péricart, 2002: 446): ♂, AG, Bône [= Annaba]; EAMF.
- Distr. NA:** AG MO TU.
- Note:** The record from IN (Hoberlandt, 1977) has to be confirmed.
- Sciocoris lineiventris* Linnavuori, 1972**
- Sciocoris* (*Neosciocoris*) *lineiventris* Linnavuori, 1972b: 6. HT: ♂, Eritrea, Asmara-Decamere; AMNH.
- Distr. AS:** SA YE. **EL:** Eritrea, Ethiopia.

***Sciocoris maculatus* Fieber, 1851**

Sciocoris umbrinus (non Wolff, 1804): Rambur, 1839: 120. Misidentification (see Puton, 1874b: 225).

Sciocoris maculatus Fieber, 1851: 445. STS: SL? (Carinthia), CR (Dalmatia) and IT; lost? (see note).

Sciocoris gravenhorstii Fieber, 1851: 446 (syn. Puton, 1881a: 76). ST(S): PL, “Preussisch-Schlesien” [in error]; UWCP.

Sciocoris auritus Mulsant & Rey, 1856: 126 (syn. Puton, 1874b: 225). STS: ♂, FR, Avignon, Marseille and Nîmes; MNHN.

Sciocoris auritus var. *obscurus* Ferrari, 1874: 124 (junior primary homonym of *Sciocoris obscurus* Dallas, 1851). ST(S): IT, Genova; MCSN.

Sciocoris maculatus var. *obscura* Kirkaldy, 1909b: 211. New name for var. *obscurus* Ferrari, 1874.

Sciocoris (*Neosciocoris*) *minorerostris* Fuente, 1972b: 94 (syn. Péricart, 2002: 445). HT: ♂, SP, Teruel; Universidad Complutense, Madrid, SP.

Distr. EU: BU CR FR GR IT MA MC PO? RU (ST: Dagestan) SL? SP YU. **NA:** AG CI MO MR TU. **AS:** AB AR AT CY GG IN JO SY.

Note: Wagner (1953d) was unable to locate any type material, so he designated a specimen from Reñosa, Spain as LT (MNHN). Since this specimen was not part of the syntype series, it cannot be a LT. It could possibly be considered a NT, but Péricart (2002) considered this to be an invalid type designation.

***Sciocoris modestus* Horváth, 1903**

Sciocoris modestus Horváth, 1903b: 401. LT (Péricart, 2002: 446): ♀, AG, Aïn Sefra; MNHN.

Distr. EU: SP. **NA:** AG MO. **AS:** IN.

***Sciocoris monticola* Linnavuori, 1975**

Sciocoris monticola Linnavuori, 1975: 27. HT: ♂, YE, Jebel Jihaf; BMNH.

Distr. AS: YE.

***Sciocoris orientalis* Linnavuori, 1960**

Sciocoris orientalis Linnavuori, 1960: 13. HT: ♂, IS, Ashqelon; AMNH.

Distr. AS: AT CY IN IS SA SY YE. **EL:** tropical Africa.

Ref.: Linnavuori, 1982b (fig.); Wagner, 1965c (descr., fig.).

Note: The record from AB (V.G. Putshkov & P.V. Putshkov, 1983) is based on misidentification of *S. maculatus* (see Derzhansky, 1994: 91).

***Sciocoris othmanus* Linnavuori, 1972**

Sciocoris (*Neosciocoris*) *othmanus* Linnavuori, 1972b: 8. HT: ♂, YE, Sheikh Othman-Lahej; NMWC.

Distr. AS: YE.

***Sciocoris otini* Vidal, 1938**

Sciocoris otini Vidal, 1938: 518. HT: ♂, MO, Dayet Achlef; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: MO.

***Sciocoris pallens* Klug, 1845**

Sciocoris pallens Klug, 1845: sign. d. LT (Péricart, 2002: 445): ♀, EG, Alexandria, Ras el Tin; ZMHB.

Sciocoris fissus Mulsant & Rey, 1866: 97 (syn. Péricart, 2002: 445). STS: FR, Hyères; NHMW?

Sciocoris (*Neosciocoris*) *curvocapitatis* Fuente, 1972b: 93 (syn. Péricart, 2002: 445).
HT: ♂, SP, Murcia, Los Nietos; Universidad Complutense, Madrid, SP.
Distr. EU: FR IT MA PO? SP. **NA:** AG CI EG MO TU. **AS:** AT IN IS SY.

***Sciocoris parallelus* Vidal, 1952**

Sciocoris parallelus Vidal, 1952: 57. HT: ♀, MO, Ifrane; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: MO.

Ref.: Wagner, 1965c (tax.).

***Sciocoris persimilis* Wagner, 1965**

Sciocoris (*Neosciocoris*) *persimilis* Wagner, 1965d: 332. HT: ♂, AT, Kyzyl-Yrmak River, between Ankara and Cheshme Keupri; ZMUH.

Distr. AS: AT.

***Sciocoris remanei* Wagner, 1965**

Sciocoris (*Neosciocoris*) *remanei* Wagner, 1965c: 138. HT (see Aukema & Kerzhner, 2005: 70): ♂, Sudan, Kassala, Svakin; ZMUH.

Distr. NA: EG. **AS:** IN SA. **EL:** Eritrea, Somalia, Sudan.

***Sciocoris sideritidis* Wollaston, 1858**

Sciocoris sideritidis Wollaston, 1858: 123. STS: MR; BMNH.

Sciocoris fumipennis Puton, 1881a: 77; 1881b: 61 (syn. Péricart, 2002: 446). LT (Wagner, 1953d: 275): ♀, IT (north); MNHN.

Sciocoris maculatus (non Fieber, 1851): Puton, 1889: 295. Misidentification (see Lindberg, 1953: 38).

Distr. EU: FR IT MA SL SZ. **NA:** AG CI MO MR TU.

Note: The record from IN (Hoberlandt, 1977) has to be confirmed.

***Sciocoris terrulentus* Reiche & Fairmaire, 1848**

Sciocoris terrulentus Reiche & Fairmaire, 1848: 441. ST(S): Abyssinia [= Ethiopia]; MNHN.

Sciocoris uniformis Schouteden, 1910: 79 (syn. Linnavuori, 1975: 26). STS: ♂, ♀, Tanzania, Kilimanjaro; NHRS.

Distr. AS: SA. **EL:** Ethiopia, Tanzania.

Ref.: Wagner, 1965d (descr., fig.).

Subgenus *Parasciocoris* Wagner, 1965

Parasciocoris Wagner, 1965c: 142 (as subgenus of *Sciocoris*). Type species by original designation: *Sciocoris convexiusculus* Puton, 1874.

Ref.: Derzhansky, 1994 (key); Derzhansky & Péricart, 2005 (monogr.).

***Sciocoris afghanus* Hoberlandt, 1984**

Sciocoris (*Parasciocoris*) *afghanus* Hoberlandt, 1984: 86. HT: ♂, AF, Nuristan, Bashgul Valley; NMPC.

Distr. AS: AF.

***Sciocoris angusticollis* Puton, 1895**

Sciocoris angusticollis Puton, 1895: 83. LT (Wagner, 1953d: 275): ♂, AG, Henon; MNHN.

Distr. EU: FR. **NA:** AG EG LB TU. **AS:** IS SY.

***Sciocoris bifurcus* Seidenstücker, 1968**

Sciocoris bifurcus Seidenstücker, 1968c: 233. HT: ♂, AF, Paktia Prov., nr Kotkai;

Staatliches Museum für Naturkunde, Karlsruhe, GE.
Distr. AS: AF.

***Sciocoris canariensis* Lindberg, 1953**

Sciocoris convexiusculus (non Puton, 1874): Lindberg, 1936: 20. Misidentification (see Heiss & Báez, 1990: 304).

Sciocoris canariensis Lindberg, 1953: 36. HT: ♂, CI; MZHF.

Distr. NA: CI.

***Sciocoris capitatus* Jakovlev, 1882**

Sciocoris capitatus Jakovlev, 1882a: 347. LT (Derzhansky et al., 2002: 366): ♀, IN, Shahrud; ZMAS.

Sciocoris (*Parasciocoris*) *denticeps* Wagner, 1965c: 148 (syn. Derzhansky, 1994: 92). LT (Aukema & Kerzhner, 2005: 70): ♂, TD, Churmi [= Khurmi], right bank of Zeravshan River; ZMUH.

Distr. AS: AB AF AK AR AT GG IN IQ KI TD TM UZ.

Ref.: Isakov, 2001 (egg, larva).

***Sciocoris cassiae* Linnavuori, 1975**

Sciocoris (*Parasciocoris*) *cassiae* Linnavuori, 1975: 28. HT: ♀, YE, Aden; UZMH.

Distr. AS: YE.

Note: Linnavuori (1975), having studied a specimen in the ZMHF which was labelled *Sciocoris cassiae* sp. n. by Reuter, treated this as a valid species, and gave a brief descriptive note. Later (1986a: 59), he learned that the species had never been described by Reuter, and so he formally described the species, but his 1975 treatment was sufficient to establish this species.

***Sciocoris convexiusculus* Puton, 1874**

Sciocoris convexiusculus Puton, 1874c: 439. LT (Wagner, 1953d: 273): ♂, AG, Biskra; MNHN.

Sciocoris scutellaris K. Schmidt, 1939d: 365 (junior primary homonym of *Sciocoris fissus* var. *scutellaris* Puton, 1884; syn. Péricart, 2002: 446). LT (Péricart, 2002: 447): ♂, Sudan, Gabal Elba, Wadi Aideb; ZSMC.

Sciocoris sahlbergi Wagner, 1952c: 78 (syn. Péricart, 2002: 447). HT (see Aukema & Kerzhner, 2005: 70): ♂, LE, “Conv. Liban.”; ZMUH.

Sciocoris clypeatus Stichel, 1961: 745. New name for *scutellaris* K. Schmidt, 1939.

Sciocoris (*Parasciocoris*) *schmidtii* Wagner, 1965c: 146. New name for *scutellaris* K. Schmidt, 1939.

Distr. EU: GR (Lesbos). **NA:** AG EG LB MO. **AS:** AF AT IN IQ IS JO LE SA SI SY YE. **EL:** Sudan.

***Sciocoris kocheri* Vidal, 1952**

Sciocoris kocheri Vidal, 1952: 58. STS: ♂, ♀, MO, Sahara, Targant; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: MO.

Note: Wagner (1965c) speculated that this may be a synonym of *S. angusticollis* Puton, 1895.

***Sciocoris theryi* Vidal, 1949**

Sciocoris theryi Vidal, 1949: 136. HT: ♀, MO, El-Hadjeb; Institut Scientifique Chérifien, Rabat, MO.

Distr. NA: MO.

Ref.: Wagner, 1965c (descr., fig.).

Subgenus *Sciocoris* Fallén, 1829

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Sciocoris angularis* Puton, 1889**

Sciocoris angularis Puton, 1889: 298. LT (Wagner, 1953d: 274): ♂, CI, Tenerife, Agua-Mansa; MNHN.

Distr. NA: CI.

***Sciocoris consobrinus* Kiritshenko, 1952**

Sciocoris consobrinus Kiritshenko, 1952: 152. LT (Derzhansky et al., 2002: 367): ♂, TD, Ruidasht; ZMAS.

Sciocoris (Sciocoris) pseudodilutus Wagner, 1965d: 329 (syn. Derzhansky, 1994: 88). STS (see Aukema & Kerzhner, 2005: 71): ♂, ♀, KI (Ak-Terek, N of [Uzbek-]Gava; Kyzylungur; Sarybel pass in Fergana Range; Togus Tjurae [= Toguz-Torau]) and UZ (Hissar Range: Maidanak Mt); ZMAS, ZMUH.

Distr. AS: AK IN KI TD TM UZ.

Ref.: Derzhansky, 1994 (key, tax.).

Note: The record from RO is based on misidentification.

***Sciocoris cursitans cursitans* (Fabricius, 1794)**

Naucoris cursitans Fabricius, 1794: 67. ST(S): GE, “Kiliae” [= Kiel]; lost.

Cimex terreus Schrank, 1801: 75 (syn. Stål, 1868a: 21). ST(S): GE, Ingolstadt; lost.

Cydnus umbrinus (non Wolff, 1804): Fallén, 1807: 54. Misidentification (see Fieber, 1851: 449).

Sciocoris umbrinus (non Wolff, 1804): Fallén, 1829: 21; Burmeister, 1835: 373.

Misidentifications (see Fieber, 1851: 449).

Sciocoris cursitans f. *transita* Stichel, 1924: 202. HT: PL, Dievenow [= Dziwnów].

Sciocoris cursitans f. *vilarsi* Stichel, 1924: 202. HT: PL, Dievenow [= Dziwnów].

Sciocoris cursitans f. *holopunctatus* Jordan, 1947: 103. STS: ♂, ♀, GE, Oberlausitz; ZMHB.

Sciocoris cursitans f. *transversovittata* Jordan, 1953: 4. STS: ♂, ♀, GE, Oberlausitz; ZMHB.

Sciocoris (Sciocoris) rubropunctatus Fuente, 1972b: 89 (syn. Péricart, 2002: 439). HT:

♂, SP, Madrid; Universidad Complutense, Madrid, SP.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU.

NA: AG MO. **AS:** AB AK AR AT CY GG RU (ES WS) SY. **EL:** Pakistan.

Ref.: Derzhansky, 1994 (fig., key); Halászfy, 1958 (larva); Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg).

***Sciocoris cursitans pallidicornis* Wagner, 1955**

Sciocoris cursitans pallidicornis Wagner, 1955a: 99. HT: IT, Sicily, Mt Aetna; INER (see note).

Distr. EU: IT.

Note: Wagner (1955a) studied 11 males and 7 females to describe this subspecies; he further indicated that these came from two specific localities on Mt. Aetna. He did not, however, indicate the sex of the HT, or from which of the two localities it came from.

***Sciocoris deltocephalus* Fieber, 1861**

Sciocoris deltocephalus Fieber, 1861: 356. STS: HU; lost. NT (Péricart, 2002: 443): ♀, HU; MNHN (see note).

Distr. EU: BU CR CZ ET GR HU MC MD RO RU (ST) UK YU. **AS:** AB AK AR AT CH (NW) GG IN KI LE SY TD TM UZ. **EL:** Pakistan.

Ref.: Derzhansky, 1994 (fig., key); Halászfy, 1958 (larva); Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Note: Fieber (1861) originally described this species from Hungary. Wagner (1953d) was unable to locate any type material, so he designated a specimen from Sarepta, RU (ST) as "LT". Since this specimen was not part of the syntype series, it cannot be a LT. It could possibly be considered a NT designation, but Péricart (2002) has declared this type designation invalid, and designated a NT from HU.

***Sciocoris dilutus* Jakovlev, 1903**

Sciocoris dilutus Jakovlev, 1903b: 191. LT (Derzhansky et al., 2002: 367): ♀, CH (NW), Xinjiang, between Bugas and Karatyube, nr Hami; ZMAS.

Sciocoris agnatus Jakovlev, 1903b: 191 (syn. Josifov & Kerzhner, 1967: 7, but see note). LT (Derzhansky et al., 2002: 365): ♀, AK, Ankul', N. of Balkhash; ZMAS.

Distr. EU: EK. **AS:** AB AF AK CH (NW) IN KI MG TD TM UZ.

Ref.: Derzhansky, 1994 (fig., key).

Note: Josifov & Kerzhner (1967) actually listed *S. angustus* Jakovlev (1903) as a junior synonym, but as pointed out by Derzhansky (1994), this was a lapsus for *S. agnatus* Jakovlev (1903).

***Sciocoris distinctus* Fieber, 1851**

Sciocoris distinctus Fieber, 1851: 450. ST(S): AU, IT or SL, Krain [= Carniolia]; MNHN (see note).

Sciocoris hospes Kiritshenko, 1964: 83 (syn. V.G. Putshkov, 1967: 80). Nomen nudum.

Sciocoris (*Sciocoris*) *ovatus* Wagner, 1965c: 111 (syn. Derzhansky, 1994: 88). HT: ♂, KI, Togus Tjurae [= Toguz Torau], Kogard Tau; ZMUH.

Distr. EU: AU BU BY CR CZ EK ET GE HU IT MD PL RO RU (CT ST) SK SL? SP UK YU. **NA:** AG. **AS:** AB AK AR AT CH (NO) IS KI LE MG RU (ES FE WS) SY TD UZ.

Ref.: Hinton, 1981 (egg); Isakov, 2001 (egg, larva); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Note: Fieber (1851) originally described this species from Krain (= Carnioli, which presently includes parts of Austria, Slovenia and Italy). Wagner (1953d) was unable to locate any type specimens of this species; he did select a specimen from Sarepta (southern Russia) as "lectotype". Since this specimen is obviously not a syntype, it cannot serve as a lectotype. It could possibly be considered a neotype designation, but Péricart (2002) considered it to be an invalid type designation.

***Sciocoris galiberti* Ribaut, 1926**

Sciocoris galiberti Ribaut, 1926b: 118. HT: ♂, FR, Tarn, Castres; MNHN.

Distr. EU: FR IT? MC? SP?

Ref.: Derzhansky & Péricart, 2005 (tax.).

***Sciocoris helferii* Fieber, 1851**

?*Halys lusitanica* Herrich-Schaeffer, 1830a: pl. 7 and legend (syn. Puton, 1875: 11, suspected). STS: ♂, ♀, PO; lost.

Sciocoris helferii Fieber, 1851: 449. LT (Wagner, 1953d: 275): ♀, Madega; MNHN (see note).

Sciocoris umbrinus (non Wolff, 1804): Wollaston, 1858: 123; Walker, 1867b: 171.

- Misidentifications (see China, 1938a: 5).
- Sciocoris ribauti* Wagner, 1953e: 39 (syn. Péricart, 2002: 443). HT (see Aukema & Kerzhner, 2005: 70): ♂, FR, La Siagne nr Cannes; ZMUH.
- Sciocoris (Sciocoris) espanoli* Wagner, 1965c: 105 (syn. Péricart, 2002: 443). LT (Aukema & Kerzhner, 2005: 70): ♂, SP, Castelldefels nr Barcelona; ZMUH.
- Distr. EU:** BU CR ET FR GR IT MA MC PO RO? SP. **NA:** AG CI EG LB MO MR TU. **AS:** AF AT CY IN IQ IS LE SY. **EL:** Pakistan.
- Ref.:** Nuamah, 1982 (chrom.).
- Note:** Fieber (1851) originally described *S. helferii* from specimens from IT, Sicily, and Dalmatia. Wagner (1953d) was unable to locate any specimens from the Fieber collection with those localities, but he selected a specimen from Puton's collection labeled Madega to be lectotype. Although no one seems to know where Madega is located, Péricart (2002) recognized Wagner's lectotype designation as being valid. A probable syntype ♂ of *S. helferii* is present in ZMUM (Derzhansky, 1994). Records from the former USSR are erroneous (Derzhansky, 1994).
- Sciocoris hoberlandti* Wagner, 1954**
Sciocoris hoberlandti Wagner, 1954c: 241. HT (see Aukema & Kerzhner, 2005: 69): ♂, LE; ZMUH.
Distr. AS: AT CY IN IS JO LE SY.
- Sciocoris indicus* Dallas, 1851**
Sciocoris indicus Dallas, 1851a: 132. ST(S): ♀, India (north); BMNH.
Distr. AS: CH (SE SW). **EL:** India, Pakistan.
- Sciocoris kerzhneri* Wagner, 1965**
Sciocoris (Sciocoris) kerzhneri Wagner, 1965c: 113. HT (see Aukema & Kerzhner, 2005: 70): ♂, IN, Shahkuh-Poion; ZMUH.
Distr. AS: AB IN.
- Sciocoris lateralis* Fieber, 1851**
Sciocoris lateralis Fieber, 1851: 445. ST(S): Hinterindien [= Indochina Peninsula]; MNHN.
Distr. AS: CH (SE SW). **EL:** Oriental Region.
- Sciocoris ochraceus* Fieber, 1861**
Sciocoris ochraceus Fieber, 1861: 357. LT (Wagner, 1953d: 273): ♀; MNHN (see note).
Sciocoris cambridgei Douglas & Scott, 1868b: 30 (syn. Horváth, 1903a: 555). HT: IS or JO, plains along Jordan River; BMNH.
Distr. EU: GR. **NA:** TU. **AS:** AT CY IN IQ IS JO SY.
Ref.: Péricart, 2002 (tax.).
Note: Fieber (1861) originally described this species from Turkey and Syria. Wagner (1953d) indicated that he was not able to locate any Fieber specimens from Turkey or Syria, and selected a specimen from an unspecified locality as "lectotype". Péricart (2002) indicated that this designation seemed a little arbitrary, but since this specimen was from the Fieber collection, he let it stand. Records from the former USSR are erroneous (Derzhansky, 1994).
- Sciocoris ogivus* Jakovlev, 1894**
Sciocoris ogivus Jakovlev, 1894: 133. HT: ♀, GG, Borzhomi; ZMAS.
Distr. EU: RU (ST: Caucasus). **AS:** AB AR AT GG IN.

***Sciocoris pentheri* Wagner, 1953**

Sciocoris pentheri Wagner, 1953f: 298. HT: ♀, YU, Montenegro, Rikavac; NHMW.

Distr. EU: YU (Montenegro).

Note: Derzhansky & Péricart (2005) erroneously situate the type locality in AL.

***Sciocoris poddubnyi* Derzhansky, 1994**

Sciocoris (Sciocoris) poddubnyi Derzhansky, 1994: 89. HT: ♂, AB, Talysh, Lerik; ZMAS.

Distr. AS: AB IN TM.

***Sciocoris resslı* Wagner, 1966**

Sciocoris (Sciocoris) resslı Wagner, 1966a: 447. HT: ♂, AT, 16 km N of Bolvadin; NHMW.

Distr. AS: AT.

***Sciocoris sulcatus* Fieber, 1851**

Sciocoris sulcatus Fieber, 1851: 451. STS: GE and HU; lost (see note).

Sciocoris angustipennis Mulsant & Rey, 1852: 81 (syn. Mulsant & Rey, 1866: 93). LT (Péicart, 2002: 440): ♂, FR, Provence; MNHN.

Sciocoris lautus Horváth, 1903b: 400 (syn. Derzhansky, 1994: 89). LT (Wagner, 1965c: 153, as “Type”; Derzhansky, 1994: 89): ♀, TM, “Territory transcaspicum”; MNHN.

Sciocoris atticus Horváth, 1907a: 293 (syn. Péicart, 2002: 442). LT (Péicart, 2002: 442): ♂, GR, Athens; HNHM.

Sciocoris sulcatus f. *cypria* Lindberg, 1948: 90 (upgraded by Wagner, 1965c: 116; syn. Péicart, 2002: 440). STS: CY (Platania, Famagusta, Ayia Napa and Larnaka); MZHF.

Distr. EU: AL AU BH BU CR CZ EK ET FR GR HU IT MC MD PO RO RU (ST) SK SP UK YU. **NA:** AG MO TU. **AS:** AB AK AR AT CY GG IN IS KI LE SY TD TM UZ.

Ref.: Derzhansky, 1994 (key); Hinton, 1981 (egg); Isakov, 2001 (egg, larva); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg).

Note: Wagner (1953d) was unable to locate any type material for *S. sulcatus* Fieber, so he designated a specimen from Attika, Greece as “lectotype”. As this specimen was not part of the syntype series, it cannot be a lectotype; it could possibly be considered a neotype, but Péicart (2002) has designated the selection as invalid.

Species of unclarified subgeneric position

***Sciocoris lugubris* Walker, 1868**

Sciocoris lugubris Walker, 1868: 538. ST(S): TA, “Formosa”; MVMA.

Distr. AS: TA.

Note: This species probably belongs to Caystrini.

Genus *Psammotisia* Kment, 2006

Tisia Hoberlandt, 1993: 15 (junior homonym of *Tisia* Dlabola, 1981, Fulgoromorpha, Flatidae). Type species by original designation: *Tisia gracilis* Hoberlandt, 1993.

Psammotisia Kment, 2006: 96. New name for *Tisia* Hoberlandt, 1993.

***Psammotisia gracilis* (Hoberlandt, 1993)**

Tisia gracilis Hoberlandt, 1993: 16. HT: ♀, IN, Baluchistan, Tis, 15 km W of Chah Bahar along Oman Sea; NMPC.

Distr. AS: IN MG.

Ref.: Hoberlandt, 1993 (biol.).

Tribe SEPHELINI Breddin, 1904

SEPHELINI Breddin, 1904b: 3 (Sephelaria). Type genus: *Sephela* Amyot & Serville, 1843, tropical Africa.

Genus *Aenaria* Stål, 1876

Aenaria Stål, 1876: 55, 70. Type species by monotypy: *Drinostia lewisi* Scott, 1874.
Euaenaria Breddin, 1904b: 2 (syn. Breddin, 1906b: 246). Type species by monotypy:
Euaenaria jucunda Breddin, 1904, Vietnam.

Ref.: Lin & Zhang, 1993a (key).

***Aenaria lewisi* (Scott, 1874)**

Drinostia lewisi Scott, 1874: 296. STS: JA; BMNH.

Distr. AS: CH (CE NO SE SW) JA KO TA. **EL:** India.

Ref.: Kobayashi, 1958 (egg); Miyamoto & Hidaka, 1965 (fig.); Nuamah, 1982 (chrom.).

***Aenaria pinchii* Yang, 1934**

Aenaria pinchii Yang, 1934c: 104. HT: ♀, CH (CE), Jiangxi, Shanyao; lost.

Distr. AS: CH (CE NO SE SW).

***Aenaria zhangii* Z.Y. Chen, 1989**

Aenaria zhangii Z.Y. Chen, 1989c: 478, 479. HT: ♂, CH (SE), Guangdong, Longmen County; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE).

Genus *Brachymna* Stål, 1861

Brachymna Stål, 1861b: 142. Type species by monotypy: *Brachymna tenuis* Stål, 1861.
Balsa Walker, 1867a: 410 (junior homonym of *Balsa* Walker, 1860, Lepidoptera; syn. Distant, 1900f: 386). Type species by monotypy: *Balsa extenuata* Walker, 1867 (= *Brachymna tenuis* Stål, 1861).

Ref.: Lin & Zhang, 1993a (key).

***Brachymna biceps* Z.Y. Chen, 2000**

Brachymna biceps Z.Y. Chen, 2000: 116, 118. HT: ♂, CH (SE), Guangdong, Mt Dadong, Lianzhou; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE).

***Brachymna castanea* Lin & Zhang, 1993**

Brachymna castanea Lin & Zhang, 1993a: 123. HT: ♂, CH (CE), Fujian, Jiang-le County, Mt Long-qi; IZAS.

Distr. AS: CH (CE SE).

***Brachymna humerata* Z.Y. Chen, 1989**

Brachymna humerata Z.Y. Chen, 1989c: 477, 479. HT: ♂, CH (SE), Guangdong, Da-pu County; Zhongshan University, Guangzhou, CH.

Distr. AS: CH (SE).

***Brachymna tenuis* Stål, 1861**

Brachymna tenuis Stål, 1861b: 142. STS: ♂, CH (SE), Hong Kong; NHRS, ZMPA?
Balsa extenuata Walker, 1867a: 410 (syn. Distant, 1900f: 386). HT: CH (north); BMNH.

Distr. AS: CH (CE NO SE SW) JA (Ryukyus).

Genus *Drinostia* Stål, 1861

Drinostia Stål, 1861b: 143. Type species by monotypy: *Drinostia planiceps* Stål, 1861.

***Drinostia angulata* Hsiao & Cheng, 1977**

Drinostia angulata Hsiao & Cheng, 1977: 115, 298. HT: ♀, CH (SW), Sichuan, Mt Emei, Jiu-lao-dong; NKUM.

Distr. AS: CH (SW).

***Drinostia fissipes* Stål, 1865**

Drinostia fissipes Stål, 1865b: 168. ST(S): ♀, CH; BMNH.

Drinostia flavipes: Walker, 1867b: 192. Incorrect subsequent spelling.

Drinostia fissiceps: Walker, 1867b: 240. Incorrect subsequent spelling.

Distr. AS: CH (CE NE).

Note: Nearly everyone has followed Walker's (1867b: 240) erroneous spelling of the specific epithet.

***Drinostia megacephala* L.Y. Zheng & G.Q. Liu, 1987**

Drinostia megacephala L.Y. Zheng & G.Q. Liu, 1987a: 290. HT: ♂, CH (SW), Guizhou, Jian-he County; NKUM.

Distr. AS: CH (SW).

***Drinostia planiceps* Stål, 1861**

Drinostia planiceps Stål, 1861b: 143. ST(S): ♀, CH (SE), Hong Kong; ZMPA?

Distr. AS: CH (SE).

Genus *Lagynotomus* Breddin, 1906

Lagynotomus Breddin, 1906b: 245. Type species by original designation: *Aenaria assimulans* Distant, 1883.

***Lagynotomus assimulans* (Distant, 1883)**

Aenaria assimulans Distant, 1883: 421. STS: JA, Nagasaki; BMNH.

Distr. AS: JA.

Genus *Niphe* Stål, 1868

Niphe Stål, 1868b: 516. Type species by subsequent designation (Distant, 1899b: 432):

Pentatoma cephalus Dallas, 1851 (= *Pentatoma subferruginea* Westwood, 1837).

Ref.: Lin & Zhang, 1993a (key).

***Niphe elongata* (Dallas, 1851)**

Pentatoma elongata Dallas, 1851a: 246. ST(S): ♀, India (north); BMNH.

Distr. AS: CH (CE NO SE, SW WP) JA TA. **EL:** Burma, India, Philippines.

Ref.: Distant, 1902a (fig.); Kobayashi, 1960a (egg, larva); Ren, 1992c (egg).

***Niphe subferruginea* (Westwood, 1837)**

Pentatoma subferruginea Westwood, 1837: 35. ST(S): Indonesia, Java; OXUM.

Pentatoma cephalus Dallas, 1851a: 245 (syn. Distant, 1901h: 810). ST(S): ♀, Indonesia, Java; BMNH.

Pentatoma lateralis Walker, 1867a: 301 (junior primary homonym of *Pentatoma lateralis* Westwood, 1837; syn. Distant, 1899b: 435). HT: Siam [= Thailand]; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Nuamah, 1982 (chrom.).

Genus *Paterculus* Distant, 1902

Paterculus Distant, 1902a: 233. Type species by original designation: *Plexippus affinis* Distant, 1900.

Kiangsia Yang, 1934c: 117 (syn. Yang, 1962: 115). Type species by original designation: *Kiangsia elata* Yang, 1934.

***Paterculus affinis* (Distant, 1900)**

Plexippus affinis Distant, 1900f: 387. STS: India (Sikkim and Naga Hills) and CH (W Yunnan); BMNH.

Distr. AS: CH (CE SW WP). **EL:** Bhutan, India.

***Paterculus bidentatus* Xiong & Q.A. Liu, 1996**

Paterculus bidentatus Xiong & Q.A. Liu, 1996: 372. HT: ♂, CH (SW), Yunnan, Jing-hong County; Zoological Institute, Academia Sinica, Kunming, Yunnan, CH.

Distr. AS: CH (SW).

***Paterculus elatus* (Yang, 1934)**

Kiangsia elata Yang, 1934c: 118. HT: ♀, CH (CE), Jiangxi; MNHN.

Distr. AS: CH (CE SE SW).

***Paterculus ovatus* Hsiao & Cheng, 1977**

Paterculus ovatus Hsiao & Cheng, 1977: 158, 300. HT: ♂, CH (SW), Sichuan, Ya-an County, Mt Zhou-gong; NKUM.

Distr. AS: CH (CE SW).

***Paterculus parvus* Hsiao & Cheng, 1977**

Paterculus parvus Hsiao & Cheng, 1977: 157, 300. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Da-meng-long; NKUM.

Distr. AS: CH (CE SE SW).

***Paterculus vittatus* (Distant, 1901)**

Plexippus vittatus Distant, 1901d: 109. ST(S): Burma, Carin Cheba [= Karennee]; MCSN.

Distr. AS: CH (SW). **EL:** Burma.

Tribe STRACHIINI Mulsant & Rey, 1866

STRACHIINI Mulsant & Rey, 1866: 196 (Strachiaires). Type genus: *Strachia* Hahn, 1833.

EURYDEMINI Distant, 1902a: 187 (Eurydemaria). Type genus: *Eurydema* Laporte, 1833.

TROCHISCOCORINI Oshanin, 1906: 139 (as Trochiscocoraria). Type genus: *Trochiscocoris* Reuter, 1890.

Genus *Bagrada* Stål, 1862

Bagrada Stål, 1862a: 105. Type species by subsequent designation (Distant, 1902a: 193):

Cimex pictus Fabricius, 1775 (= *Cimex hilaris* Burmeister, 1835).

Ayeshella Horváth, 1936: 26 (as subgenus of *Bagrada*; syn. Péricart, 2004: 370).

Unavailable name (type species not fixed).

Ref.: Derzhansky & Péricart, 2005 (monogr.).

Subgenus *Bagrada* Stål, 1862

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Bagrada hilaris* (Burmeister, 1835)**

Cimex pictus Fabricius, 1775: 715 (junior primary homonym of *Cimex pictus* Drury, 1773; syn. Horváth, 1909a: 631). ST(S): India; ZMUC.

Cimex hilaris Burmeister, 1835: 368. For Stoll, 1786: pl. 34, fig. 237. ST(S): locality not given; lost.

Cimex hebraicus Germar, 1838: 177 (syn. Dallas, 1851a: 259). ST(S): South Africa, Caput Bonae Spei [= Cape of Good Hope]; ZMUL.

Cimex jucundus Klug, 1845: sign. *d* (as *iuncundus* in the text, but *jucundus* in the legend; syn. Dallas, 1851a: 259). ST(S): SA ("Arabia deserta"); ZMHB?

Bagrada cruciferarum Kirkaldy, 1909b: 108. New name for *pictus* Fabricius, 1775.

Bagrada (*Bagrada*) *picta* var. *connectens* Horváth, 1936: 29, 47 (as *connenctens* on p. 29). STS: ♂, ♀, Tanzania (Usambara, Shirati), Mozambique (Boroma), South Africa (Pretoria, Potgieterrust), Madagascar and Southwest Africa; HNHM, NHRS.

Bagrada (*Bagrada*) *picta* var. *modesta* Horváth, 1936: 29. ST(S): ♂, India (northwest); BMNH.

Distr. EU: IT (Pantellaria) MA MC. NA: AG EG LB MO. AS: AF CH (SW WP) IN IQ IS SA SY YE. EL: tropical Africa, Cape Verde Islands, Oriental Region.

Ref.: Derzhansky & Péricart, 2005 (distr.); Nuamah, 1982 (chrom.; *picta*).

Note: *Cimex pictus* Fabricius (1775) is preoccupied, but many workers have continued to use this name or the replacement name, *cruciferarum*, proposed by Kirkaldy (1909b). There are several older available synonyms, however, including *hilaris* which was not actually described by Burmeister (1835), but his reference to a figure in another publication is sufficient for establishing this name.

Subgenus *Baglura* Kerzhner, 1972

Baglura Kerzhner, 1972a: 376 (as subgenus of *Bagrada*). Type species by original designation: *Bagrada gobica* Kerzhner, 1972.

***Bagrada gobica* Kerzhner, 1972**

Bagrada (*Baglura*) *gobica* Kerzhner, 1972a: 376. HT: ♂, MG, Bayan Hongor Aimak, 55 km S of Shine-Dzhinst; ZMAS.

Distr. AS: MG.

Subgenus *Nitilia* Mulsant & Rey, 1866

Nitilia Mulsant & Rey, 1866: 197 (downgraded by Stål, 1876: 88). Type species by monotypy: *Eurydema stolidus* Herrich-Schaeffer, 1839.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Horváth, 1936 (key).

***Bagrada abeillei* Puton, 1881**

Bagrada abeillei Puton, 1881d: 121. HT: ♂, LE, Antiliban, Oued Harris; MNHN.

Bagrada (*Nitilia*) *persica* Horváth, 1936: 39 (syn. Linnavuori, 1986a: 61). LT (Derzhansky et al., 2002: 369): ♂, IN, Tadshirish [= Tajrish] nr Teheran; ZMAS.

Bagrada (*Nitilia*) *lepida* Horváth, 1936: 41 (syn. Linnavuori, 1986a: 61). ST(S): ♂, AT, Marash; BMNH.

Bagrada pallens Kiritschenko, 1966: 801 (syn. Linnavuori, 1986a: 61). HT: ♀, IN, 25 km southeast of Jahrom; ZMAS.

Distr. EU: GR. **NA:** EG. **AS:** AB AF AK AR AT GG IN IQ IS LE SA SY.

Note: Horváth (1889a) placed this species as a junior synonym of *Bagrada poecila* (Klug, 1845), but treated it as a valid species in 1936.

***Bagrada amoenula* (Walker, 1870)**

Strachia amoenula Walker, 1870: 2340. STS: SI, Mt Sinai; BMNH.

Bagrada (Nitilia) royeri Horváth, 1936: 30 (syn. Linnavuori, 1964: 309). ST(S): ♀, SI, Ain-el-Hondrâ; Royer collection (MNHN?).

Bagrada (Nitilia) royeri var. *picticollis* Horváth, 1936: 30 (syn. Linnavuori, 1964: 309). ST(S): ♀, EG, Cairo; HNHN.

Bagrada (Nitilia) algerica Horváth, 1936: 31 (syn. Péricart, 2004: 372). LT (Péricart, 2004: 370): ♂, AG, Biskra; MNHN.

Bagrada (Nitilia) singularis Horváth, 1936: 31 (syn. Linnavuori, 1964: 309). ST(S): ♂, EG, Cairo; HNHN.

Bagrada (Nitilia) deserticola Horváth, 1936: 33 (syn. Linnavuori, 1964: 309). ST(S): ♀, EG, Cairo; BMNH.

Bagrada (Nitilia) deserticola var. *lineata* Horváth, 1936: 34 (syn. Linnavuori, 1964: 309). ST(S): ♂, EG, Cairo; BMNH.

Distr. NA: AG EG LB MO. **AS:** IQ IS SA SI YE. **EL:** Sudan.

Note: Horváth (1889a) treated this species as a junior synonym of *Bagrada poecila* (Klug, 1845), but later (1936) he treated this as a valid species.

***Bagrada aurantiaca* Horváth, 1936**

Bagrada (Nitilia) aurantiaca Horváth, 1936: 36. ST(S): ♀, AB, Dzegam; HNHN.

Distr. AS: AB.

***Bagrada concinna* Horváth, 1936**

Bagrada (Nitilia) concinna Horváth, 1936: 38. LT (Derzhansky et al., 2002: 367): ♀, AB, Medshivan [= Minjivan], along River Arax; ZMAS.

Bagrada (Nitilia) concinna var. *biramosa* Horváth, 1936: 39. ST(S): ♀, IN, “Sudv.”; MNMS.

Distr. AS: AB AR AT IN SY.

***Bagrada elegans* Puton, 1873**

Bagrada (Nitilia) elegans Puton, 1873: 14. HT: ♀, SP, Aranjuez; MNHN.

Bagrada (Nitilia) elegans var. *bolivari* Horváth, 1936: 40. LT (Péricart, 2004: 370): ♀, SP, Vaciamadrid, Montarco; MNMS.

Bagrada (Nitilia) elegans var. *scripta* Horváth, 1936: 40. ST(S): ♀, SP, Vaciamadrid; MNMS.

Bagrada elegans f. *betera* Fuente, 1972b: 133 (unavailable name). HT: SP, Valencia, Betera; Universidad Complutense, Madrid, SP.

Bagrada elegans f. *inocelata* Fuente, 1972b: 133, 134 (unavailable name). HT: SP, Valencia, Albufera; Universidad Complutense, Madrid, SP.

Distr. EU: SP.

***Bagrada funerea* Horváth, 1901**

Bagrada poecila var. *funerea* Horváth, 1901a: 473 (upgraded by Horváth, 1936: 41).

LT (Péricart, 2004: 370): ♀, AT, Hamidie [= Hamidiye]; MNMS.

Distr. AS: AT CY SY.

***Bagrada kaufmanni* (Oshanin, 1871)**

Stenozygum kaufmanni Oshanin, 1871: 203. STS: ♂, ♀, UZ, Samarkand; MZHF, ZMUM.

Bagrada kaufmani [sic] var. *pallida* Kiritshenko, 1914d: 186. LT (Derzhansky et al., 2002: 369): ♀, UZ, Termez; ZMAS.

Distr. AS: AF AK CH (NW) IN TD TM UZ.

Ref.: Kiritshenko, 1952 (fig.).

***Bagrada monticola* Horváth, 1936**

Bagrada (*Nitilia*) *monticola* Horváth, 1936: 32. LT (Derzhansky et al., 2002: 369): ♂, AB, Mendshivan [= Minjivan]; ZMAS.

Distr. AS: AB AR IN IQ TM.

Ref.: Linnavuori, 1993b (fig.).

***Bagrada poecila* (Klug, 1845)**

Cimex poecilus Klug, 1845: sign. d. ST(S): SA (“Arabia deserta”); ZMHB?

Bagrada finitima Horváth, 1936: 27 (syn. Linnavuori, 1986a: 61). STS: ♂, ♀, Eritrea, Asmara; HNHN.

Distr. AS: SA YE. **EL:** Eritrea, Ethiopia.

Note: Records from AB, AR and GG (Kiritshenko, 1918) refer to *B. abellei*.

***Bagrada rubra* Horváth, 1936**

Bagrada (*Nitilia*) *rubra* Horváth, 1936: 36. LT (Derzhansky et al., 2002: 370): ♀, UZ, Changyr nr Khatyrchi; ZMAS.

Distr. AS: UZ.

***Bagrada stolidia* (Herrich-Schaeffer, 1839)**

Eurydema stolidum Herrich-Schaeffer, 1839a: 101. STS: ET and GR; lost. NT (Péricart, 2004: 371): ♂, GR, Peloponnes, Monemvasia; MNHN.

Bagrada (*Nitilia*) *gibbicollis* Horváth, 1936: 35 (syn. Péricart, 2004: 372). LT (Péricart, 2004: 370): ♀, AT, Anatolia; ZMHB.

Bagrada (*Nitilia*) *cicur* Horváth, 1936: 42 (syn. Péricart, 2004: 372). LT (Péricart, 2004: 370): ♂, AT, Mt Illany Dagh [= Yilanli-Dagh] nr Kaisarie [= Kayseri]; NHMW.

Bagrada (*Nitilia*) *cicur* var. *scutellaris* Horváth, 1936: 43 (syn. Péricart, 2004: 372). LT (Péricart, 2004: 370): ♀, AT, Mt Illany Dagh [= Yilanli-Dagh] nr Kaisarie [= Kayseri]; NHMW.

Bagrada (*Nitilia*) *confusa* Horváth, 1936: 43 (syn. Péricart, 2004: 372). LT (Derzhansky et al., 2002: 367): ♀, GR, Steni, Euboea; ZMAS.

Bagrada (*Nitilia*) *stolata* Horváth, 1936: 44 (syn. Péricart, 2004: 372). LT (Derzhansky et al., 2002: 371): ♂, UK, Krim, Sebastopol; ZMAS.

Bagrada (*Nitilia*) *stolata* var. *quadrinaculata* Horváth, 1936: 44. LT (Kerzhner, 2003a: 106): ♀, RU, Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Distr. EU: BU EK ET GR HU IT (Sicily) MC RO RU (CT ST) SK UK. **AS:** AK AT CH (NW) IN TM.

Ref.: Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Note: Several 19th century workers (Becker, 1862; Mulsant & Rey, 1866; Jakovlev, 1873, 1876a) refer to *Strachia albopicta* Nitsch. as a synonym of this species, but I have been unable to locate any published description of *albopicta*.

***Bagrada turcica* Horváth, 1936**

Bagrada (*Nitilia*) *turcica* Horváth, 1936: 45. ST(S): ♀, AT, Angora [= Ankara]; HNHN.

Distr. EU: MC. **AS:** AT.

***Bagrada zillae* Linnavuori, 1986**

Bagrada (Nitilia) zillae Linnavuori, 1986a: 64. HT: ♂, SA, Al Khuff; AMNH.

Distr. AS: SA.

Species of unclear subgeneric position

***Bagrada qinlingensis* Z.M. Zheng, 1982**

Bagrada qinlingensis Z.M. Zheng, 1982b: 195. HT: ♀, CH (NO), Shaanxi, Zhou-zhi County; Department of Biology, Shaanxi Normal University, Xian, CH.

Distr. AS: CH (NO).

Genus *Capnoda* Jakovlev, 1887

Capnoda Jakovlev, 1887: 309. Type species by monotypy: *Capnoda nigroaenea* Jakovlev, 1887.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Capnoda batesoni* Jakovlev, 1889**

Capnoda batesoni Jakovlev, 1889d: 324. HT: ♀, AK, Golodnaya Step [= Betpak-Dala Desert] between Kazalinsk and Karkaralinsk; ZMAS.

Distr. EU: RU (ST: Astrakan Prov.). **AS:** AK MG RU (ES).

Ref.: V.G. Putshkov, 1965 (fig.).

***Capnoda caucasica* Horváth, 1897**

Capnoda caucasica Horváth, 1897a: 83. ST(S): ♀, RU (ST), Dagestan, Kurush; HNHM.

Distr. EU: RU (ST: Caucasus). **AS:** AB.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Capnoda maculaalba* Kiritschenko, 1952**

Capnoda maculaalba Kiritschenko, 1952: 162. HT: ♀, TD, glacier Aral in upper reaches of Tanymas River; ZMAS.

Capnoda nigroaenea (non Jakovlev, 1887): Kerzhner, 1972a: figs. 72, 73.

Misidentification (see Kerzhner, 1993: 104).

Distr. AS: KI TD.

***Capnoda nigroaenea* Jakovlev, 1887**

Capnoda nigroaenea Jakovlev, 1887: 310. HT: ♀, AK, Songarei [= region between Dzhungarsk Alatau and Tarbagatay]; ZMAS.

Capnoda altaica Kerzhner, 1972a: 372 (syn. Kerzhner, 1993: 104). HT: ♂, RU (WS), Altai, north and northwest of Kosh-Agach; ZMAS.

Distr. AS: AK MG RU (ES WS).

Genus *Eurydema* Laporte, 1833

Eurydema Laporte, 1833: 61 (as subgenus of *Pentatoma*; upgraded by Herrich-Schaeffer, 1835: 37). Type species by subsequent designation (Westwood, 1840a: 124): *Cimex oleraceus* Linnaeus, 1758.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Distant, 1902a (descr., key).

Note: The genus *Eurydema* has had an unusually high level of confusion concerning the various contained species. The main source of confusion stems from the plethora of varieties described for several of the more common species. Furthermore, early workers confused several of the more common forms. For example, most early references to *ornata* should actually apply to *ventralis*, most early references to *festiva* (a junior synonym of *ornata*) should be referred to *dominulus*, and most early

references to *dominulus* should be referred to *fieberi*. Finally, the multitude of varietal names (also called forms or aberrations) are mostly nothing more than colour forms, and should not be given subspecies status.

Subgenus *Eurydema* Laporte, 1833

Ref.: Derzhansky & Péricart, 2005 (monogr.)

Eurydema eckerleini Josifov, 1961

Eurydema eckerleini Josifov, 1961: 397. HT: ♂, GR, Crete; ZISB.

Distr. EU: GR. **AS:** AT!

Eurydema gebleri Kolenati, 1846

Eurydema gebleri Kolenati, 1846b: 23. LT (Kerzhner, 2003b: 96): ♂, RU (ES), Nerchinsk; NHMW.

Strachia picturata Stål, 1858a: 178 (syn. Stål, 1861b: 141, with *sexpunctata*; see note). STS: ♀, RU (ES), Irkutsk; NHRS.

Eurydema gebleri var. *tsherskii* Reuter, 1910: 74. LT (Derzhansky et al., 2002: 371): RU (ES), Yakutia, Lena River valley; ZMAS (see note under *E. dominulus* for var. *confluens*).

Eurydema sexpunctata var. *czerskii*: Kiritschenko, 1910b: 176. Incorrect subsequent spelling.

Eurydema gebleri f. *chinensis* Stichel, 1961: 631 (unavailable name). ST(S): CH.

Distr. EU: RU (CT ST) YU (Serbia). **AS:** AB AK CH (CE NE NO NW SW WP) KO MG RU (ES FE WS).

Note: “*Cimex sexpunctatus* Gebler, 1817” was often cited as a synonym of *E. gebleri*, but there is no such name. Gebler (1817: 332) wrote “*Cimex an sexpunctatus*” (*Cimex*, possibly *sexpunctatus* [of Linnaeus, 1758]).

Eurydema herbacea (Herrich-Schaeffer, 1833)

Pentatoma herbaceum Herrich-Schaeffer, 1833b: pl. 12 and legend. ST(S): PO; lost.

Strachia cognata Fieber, 1864b: 231 (syn. Horváth, 1911c: 579). ST(S): ♂, FR or SP, Pyrénées; MNHN.

Eurydema cognatum var. *aeneiventer* Rey, 1887b: 2. ST(S): FR, Arcachon; MHNH.

Eurydema cognatum var. *mixtum* Rey, 1887b: 2. ST(S): FR, Arcachon; MHNH.

Eurydema cognatum var. *apicale* Noualhier, 1897: 76, 77. ST(S): MR; MNHN.

Eurydema herbaceum f. *madeirensis* China, 1938a: 7. HT: MR; BMNH.

Eurydema herbaceum f. *espanoli* Stichel, 1961: 637 (unavailable name). ST(S): SP, Galicia, La Lanzada, Pontevedra.

Eurydema herbaceum f. *punctata* Fuente, 1972b: 119, 122 (unavailable name). HT: SP, Santander, Mogro; Universidad Complutense, Madrid, SP.

Eurydema herbaceum f. *continua* Fuente, 1972b: 119, 122 (unavailable name). HT: SP, Santander; Universidad Complutense, Madrid, SP.

Eurydema herbaceum f. *malcolmiata* Fuente, 1972b: 120, 122 (unavailable name). HT: SP, Huelva, Mazagón; Universidad Complutense, Madrid, SP.

Eurydema herbaceum f. *fusionatta* Fuente, 1972b: 120, 122 (unavailable name). HT: SP, Santander, Mogro; Universidad Complutense, Madrid, SP.

Eurydema herbaceum f. *triangulata* Fuente, 1972b: 120, 122 (unavailable name). HT: SP, Coruña, Villa Rutis; Universidad Complutense, Madrid, SP.

Eurydema herbaceum f. *ligatta* Fuente, 1972b: 120, 122 (unavailable name). HT: SP, Lugo, Vivero; Universidad Complutense, Madrid, SP.

Eurydema herbaceum f. *obscura* Fuente, 1972b: 122 (unavailable name). HT: SP,

Coruña, Villa Rutis; Universidad Complutense, Madrid, SP.
Distr. EU: FR GB (Jersey) PO SP. **NA:** EG MR. **AS:** AT IN IS LE SI.

***Eurydema laticollis* Horváth, 1907**

Eurydema laticolle Horváth, 1907a: 297. ST(S): ♀, IN, Baktyaris Mts; MNHN.
Eurydema laticolle var. *discors* Horváth, 1907a: 298. ST(S): ♀, IN; HNHM.
Eurydema laticolle var. *hypoxanthum* Horváth, 1907a: 298. STS: ♂, ♀, IN, Baktyaris Mts; HNHM, MNHN.
Distr. EU: RU (ST). **AS:** AT IN.

***Eurydema lundbladi* Lindberg, 1960**

Eurydema lundbladi Lindberg, 1960: 4. HT: ♂, CI, Tenerife, Las Cañadas; MZHF.
Distr. NA: CI MR.

***Eurydema nana* Fuente, 1972**

Eurydema nana Fuente, 1972b: 104. HT: ♂, SP, Granada, Lanjarón; MNMS.
Eurydema ferrerii Ribes & Vela, 1988: 134 (syn. Péricart & Ribes, 2004: 366). HT: ♂, SP, Málaga, Serranía de Ronda, Sierra de las Nieves; Vela collection (University Málaga, SP?).
Distr. EU: SP.

***Eurydema nigriceps* Reuter, 1884**

Eurydema nigriceps Reuter, 1884c: 67. HT: ♂, AG; NHRS.
Eurydema nigriceps var. *collare* Horváth, 1903b: 408. STS: ♀, AG: Oran; HNHM, MNHN.
Eurydema nigriceps var. *vitticolle* Horváth, 1907a: 299. ST(S): ♀, AG, Djebel Babor; Chobaut collection.
Eurydema nigriceps var. *reuteri* Vidal, 1937: 190. HT: ♂, MO, Ras Foughal; Institut Scientifique Chérifien, Rabat, MO.
Eurydema nigriceps var. *horvathi* Vidal, 1937: 190 (junior primary homonym of *Eurydema oleraceum* var. *horvathi* Royer, 1905). HT: ♀, MO, Ras Foughal; Institut Scientifique Chérifien, Rabat, MO.
Eurydema nigriceps var. *iblanensis* Vidal, 1949: 190. STS: AG and MO (Bou Iblane); Institut Scientifique Chérifien, Rabat, MO.
Eurydema nigriceps var. *splendida* Vidal, 1949: 190. STS: MO, Immouzer, Tizi N'Test; Institut Scientifique Chérifien, Rabat, MO.
Eurydema nigriceps var. *lepigrei* Vidal, 1949: 190. STS: AG, Tizi N'Kouilal, Kabylie; Institut Scientifique Chérifien, Rabat, MO.
Eurydema nigriceps f. *vidali* Stichel, 1961: 643 (unavailable name). New name for *nigriceps* var. *horvathi* Vidal, 1937.
Distr. NA: AG MO TU.

***Eurydema oleracea* (Linnaeus, 1758)**

Cimex oleraceus Linnaeus, 1758: 446. LT (Royer, 1924b: 121, as “type”): EU; LSUK.
Cimex flavatus Schrank, 1776: 79 (syn. Schrank, 1782: 278). ST(S): AU, Vienna; lost.
Cimex albomarginatus Goeze, 1778: 275 (syn. Harrer, 1784: 303). For pl. 46, figs 4-6 in Schaeffer, 1766. ST(S): GE, Regensburg; lost.
Cimex flavomaculatus Goeze, 1778: 277 (syn. Reuter, 1888a: 136). For pl. 272, figs 5, 6 in Schaeffer, 1766. ST(S): GE, nr Regensburg; lost.
Cimex albomarginellus Fabricius, 1794: 123 (syn. Reuter, 1888a: 136). ST(S): GE, “Kiliae” [= Kiel]; ZMUC.
Cimex oleraceus var. *annulatus* Fallén, 1829: 32 (junior primary homonym of *Cimex*

annulatus Linnaeus, 1758). ST(S): SV; NHRS?

Eurydema oleraceum var. *angularis* Kolenati, 1846b: 23. ST(S): LT (Kerzhner, 2003b: 96): ♀, RU (NT), Petropolis [= St Petersburg]; NHMW.

Pentatoma (*Strachia*) *oleracea* var. *zetterstaedtii* Gorski, 1852: 84. STS: LT; lost.

Strachia lineola Baerensprung, 1858b: 205 (syn. Ribes & Vela, 1988: 142). STS: SP, Andalusia (in part); ZMHB, ZMPA?

Strachia insidiosa Mulsant & Rey, 1866: 229 (syn. Puton, 1869: 6). HT: FR; EAMF?

Strachia consobrina Puton, 1871b: 124 (syn. Puton, 1881b: 73; Ribes & Vela, 1988: 142). LT (Péricart, 2004: 368): ♂, AG, Bône [= Annaba]; MNHN.

Eurydema oleraceum var. *consimilis* Horváth, 1885a: 78. STS: locality not given (HU?); HNHM.

Eurydema oleraceum var. *paradoxa* Horváth, 1885a: 78. STS: HU (Békés Distr.) And AT (Brussa [= Bursa]); HNHM.

Eurydema oleraceum var. *triguttata* Horváth, 1885a: 79. STS: locality not given; HNHM.

Eurydema oleraceum var. *nigripes* Horváth, 1885a: 79. HT: RO, Sáros [= Soars]; HNHM.

Eurydema oleraceum var. *atavus* Horváth, 1885b: 172. STS: HU (Pest) and SK (Lucski [= Lucky]); HNHM.

Eurydema oleraceum var. *variventer* Rey, 1887b: 2. ST(S): FR, Provence, Lyon; MNHL.

Eurydema consobrinum var. *uniforme* Puton, 1889: 307. ST(S): AG, Oran; MNHN.

Eurydema consobrinum var. *petulans* Horváth, 1898b: 152. STS: ♂, ♀, AG, Tlemcen and forest of Msila; HNHM.

Eurydema oleraceum subvar. *magdalenae* Royer, 1905a: 135. STS: AU (Vienna), FR (Seine-inférieure, Sannois, forêt de Carnelles), HU (Sz. Endre, Mamudovatz); HNHM, MNHN.

Eurydema oleraceum subvar. *interruptum* Royer, 1905a: 135. STS: FR, Saint-Lyé, Sannois, Basses-Alpes; MNHN.

Eurydema oleraceum subvar. *horvathi* Royer, 1905a: 135. HT: HU, S.A. Ujhely [= Sátorajúihely]; HNHM.

Eurydema oleraceum subvar. *immaculiscutum* Royer, 1905b: 190. HT: FR, Seine-et-Oise, Sannois; MNHN.

Eurydema oleraceum var. *confluens* Royer, 1907: 40. STS: FR, Aube, Seine-Inférieure and Seine-et-Oise (Sannois); MNHN.

Eurydema oleraceum var. *nicolasi* Royer, 1907: 40. HT: FR, Périgueux; MNHN.

Eurydema oleraceum var. *putoni* Royer, 1907: 40 (junior secondary homonym of *Strachia putoni* Jakovlev, 1877). HT: FR, Isère, Grande-Chartreuse; MNHN.

Eurydema oleraceum var. *septemguttatum* Royer, 1907: 41. HT: UZ, Margelan; MNHN.

Eurydema oleraceum var. *conjungens* Gulde, 1914: 338. HT: ♀, UZ, Fergana, Kokand; SMFD.

Eurydema oleraceum var. *quinqueguttatum* Gulde, 1914: 338. LT (Schröder, 1964: 63): KI, Alai Mts; SMFD.

Eurydema oleraceum var. *nigricans* Gulde, 1914: 338. HT: ♂, FR, Chamonix, Les Praz; SMFD.

Eurydema oleracea var. *aberrans* Horváth, 1917b: 375. STS: ♀, HU, Szent-Endre, Vajda-Hunyad; HNHM.

Eurydema oleraceum var. *barbei* Royer, 1923c: 148. STS: FR, Seine-inférieure and Seine-et-Marne (Fontainebleau; Recloses); MNHN.

Eurydema oleraceum var. *susannae* Royer, 1923c: 149. HT: ♀, FR, Seine-et-Marne, (Genevraye); MNHN.
Eurydema oleraceum subvar. *linnei* Royer, 1924b: 121. HT: locality unknown; LSUK.
Eurydema oleracea f. *imperfecta* Stichel, 1925a: 30. ST(S): GE.
Eurydema oleraceum var. *temperei* Royer, 1926: 315. HT: ♂, FR, Bordeaux; MNHN.
Eurydema lineola var. *nevadensis* Lindberg, 1932: 14 (syn. Ribes & Vela, 1988: 142). HT: SP, Sierra Nevada; MZHF.
Eurydema oleraceum var. *ypsilon* Cerutti, 1937: 168. LT (Dethier, 1974: 669): ♀, SZ, Ardon; MZLS.
Eurydema oleraceum var. *royeri* Stichel, 1938c: 443.
Eurydema oleraceum f. *putoniana* Stichel, 1961: 640 (unavailable name). New name for var. *putoni* Royer, 1907.
Eurydema lineola f. *simplex* Fuente, 1972b: 128, 129 (unavailable name). HT: SP, Sierra de Cameros; Universidad Complutense, Madrid, SP.
Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG AZ? MO TU. **AS:** AB AK AR AT CH (WP) GG IN IS MG RU (ES WS) SY TD.
Ref.: Benedek, 1967 (tax.), 1968 (egg); Dupuis, 1959 (tax.); Halászfy, 1958 (larva); Polivanova, 1956, 1964 (larva); Putshkova, 1961 (egg).
Note: Numerous aberrations described by Benedek (1964, 1965, 1967) are not listed.

***Eurydema ornata* (Linnaeus, 1758)**

Cimex ornatus Linnaeus, 1758: 446. ST(S): EU; LSUK?
Cimex festinus Linnaeus, 1767: 723 (syn. Dallas, 1851a: 257; Stichel, 1926b: 107). ST(S): GE.
Pentatoma pictum Herrich-Schaeffer, 1833c: pls 12, 13 and legends (syn. Dallas, 1851a: 258; Baerensprung, 1860: 4). STS: GE and PO; lost.
Pentatoma decoratum Herrich-Schaeffer, 1833c: pl. 14 and legend (syn. Baerensprung, 1860: 4). STS: GE; lost.
Strachia herbacea (non Herrich-Schaeffer, 1833): Hahn, 1835b: 13. Misidentification (see Herrich-Schaeffer, 1844: 83).
Strachia pustulata Fieber, 1837: 352 (syn. Fieber, 1861: 342, with *decorata*). STS: CZ (Bohemia) and IT (Sicily); MNHN.
Eurydema pictum var. *conjuncta* Kolenati, 1846b: 30. ST(S): AR, District Eriwan [= nr Erevan]; NHMW (not found, see Kerzhner, 2003b: 97).
Cimex fallax Scholtz, 1847: 154 (syn. Baerensprung, 1860: 4). ST(S): PL, Silesia; UWCP.
Pentatoma (*Strachia*) *ornata* var. *falleni* Gorski, 1852: 87 (junior primary homonym of *Pentatoma fallenii* Guérin-Méneville, 1838). STS: LT, Vilnius; lost.
Cimex? umbralis Gistel, 1857: 74 (syn. Kerzhner, 1993: 104). ST(S): GE; lost.
Strachia decorata var. *christophi* Jakovlev, 1874a: 58. LT (Derzhansky et al., 2002: 367): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.
Strachia picta var. *cruentata* Puton, 1881a: 77; 1881b: 70. STS: FR (Corsica), IT (Sicily) and AG; MNHN.
Eurydema decoratum var. *mehadiense* Horváth, 1882: 219 (syn. Gulde, 1934: 158, with *festiva*). ST(S): ♂, RO, Mehadia; HNHM.
Eurydema decoratum var. *simplex* Rey, 1887b: 2. ST(S): FR, Provence, Lyon; MHNL.
Eurydema decoratum var. *ventrale* Rey, 1887b: 2 (junior primary homonym of *Eurydema ventralis* Kolenati, 1846). ST(S): FR, Lyon, Provence; MHNL.

Eurydema decoratum var. *simplicissima* Rey, 1888: 96. ST(S): FR, Nancy; MNHN.
Eurydema decoratum var. *completa* Rey, 1888: 96. ST(S): FR, Corsica; MNHN.
Eurydema decoratum var. *putonia* d'Antessanty, 1891: 190. ST(S): FR, Aube (Somsois and Montgueux); MNHN? (not found).
Eurydema festivum var. *chloroticum* Horváth, 1891a: 78. STS: ♂, ♀, AB, Ordubad; HNHN.
Eurydema festiva var. *pictella* Kirkaldy, 1909b: 100. New name for *picta* Herrich-Schaeffer, 1833.
Eurydema ornata var. *gorskiana* Kirkaldy, 1909b: 367. New name for var. *falleni* Gorski, 1852.
Eurydema decoratum f. *bipunctata* Stichel, 1936: 45. ST(S): GE?
Eurydema decoratum f. *simplex* Stichel, 1936: 45 (junior primary homonym of *Eurydema decoratum* var. *simplex* Rey, 1888). ST(S): GE?
Eurydema decoratum f. *rubra* Stichel, 1936: 45. ST(S): GE?
Eurydema festiva f. *nigrescens* Kupka, 1944: 128. ST(S): GE, Stendal; Kulturhistorisches Museum, Magdeburg, GE.
Eurydema decoratum var. *atriventrīs* Filippi, 1949: 15. STS: IT, Lagoon of Venice.
Eurydema ventrale f. *ornatula* Tamanini in Stichel, 1961: 621 (unavailable name; syn. Stichel, 1961: 706). For fig. 11 in Tamanini, 1957: 117, 119. HT: ♂, CR, Pola [= Pula]; MCRI?
Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GE GR HU IT LA LS LT MA MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG CI EG LB MO MR TU. **AS:** AB AF AK AR AT CH (NO NW SW WP) CY GG IN IQ IS JO KU MG RU (ES FE) SI SY TD TM UZ. **EL:** Ethiopia, India, Pakistan.
Ref.: Benedek, 1968 (egg); Halászfy, 1958 (larva); Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg).

***Eurydema putoni* (Jakovlev, 1877)**

Strachia putoni Jakovlev, 1877a: 84. LT (Derzhansky et al., 2002: 370): ♀, IN, Shahrud; ZMAS.
Strachia adusta Jakovlev, 1877a: 86 (syn. Kiritshenko, 1922: 10). HT: ♀, IN, Shahrud; ZMAS.
Strachia distincta Jakovlev, 1879: 44 (syn. Kiritshenko, 1922: 10). LT (Derzhansky et al., 2002: 367): ♀, AR, Echmiadzin; ZMAS.
Strachia colorata Jakovlev, 1882a: 352 (syn. Kiritshenko, 1922: 11). LT (Derzhansky et al., 2002: 367): ♀, IN, Shahrud; ZMAS.
Eurydema formosum Puton, 1895: 83 (syn. Péricart, 2004: 369). LT (Péricart, 2004: 368): ♀, AT, Ain-Tab [= Gaziantep]; MNHN.
Eurydema formosa var. *superstes* Horváth, 1917b: 376. STS: ♂, ♀, SY, Dummar; HNHN.
Eurydema formosa var. *hypoleuca* Horváth, 1917b: 376. ST(S): ♂, SY, Damascus; HNHN.
Eurydema formosum f. *gemmata* Kiritshenko, 1922: 11. LT (Derzhansky et al., 2002: 368): ♂, IS, Hebron; ZMAS.
Eurydema putoni f. *pauperum* Kiritshenko, 1922: 11. LT (Derzhansky et al., 2002: 369): ♂, IN, Rustemabad ZMAS.
Eurydema putoni f. *zarudnyi* Kiritshenko, 1922: 11. LT (Derzhansky et al., 2002: 371): ♀, IN, former prov. Iraq-i Ajam, Kashveros; ZMAS.
Distr. EU: RU (ST). **AS:** AB AF AR AT IN IS IQ SY.

***Eurydema sea* Baena, Péricart & De la Rosa, 2004**

Eurydema (Eurydema) sea Baena et al., 2004: 23. HT: ♂, SP, prov, Terruel, Tramacastilla, Barranco Hondo; MNMS.

Distr. EU: SP.

***Eurydema syriaca* Kirkaldy, 1909**

Strachia placens Walker, 1870: 2340 (junior primary homonym of *Strachia placens* Walker, 1867). STS: SI, Wells of Moses, Wâdy Nash, Mt Sinai; BMNH

Eurydema syriaca Kirkaldy, 1909b: 367. New name for *placens* Walker, 1870.

Distr. AS: SI.

***Eurydema wilkinsi* Distant, 1879**

Eurydema wilkinsi Distant, 1879b: 123. HT: CH (NW), Xinjiang, Yangihissar [= Yengisar]; BMNH, UZMH?

Strachia conspicua Jakovlev, 1881: 206 (syn. Reuter, 1885c: 158). LT (Derzhansky et al., 2002: 367): ♀, AK, Kzyl-Orda Prov., Bik-Baula nr Kazalinsk; ZMAS.

Distr. AS: AK CH (NO NW) MG RU (ES).

Subgenus *Horvatheurydema* Dupuis, 1951

Horvatheurydema Dupuis, 1951: 25 (as subgenus of *Eurydema*). Type species by original designation: *Eurydema fieberi* Fieber, 1837.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Eurydema caligata* Horváth, 1901**

Eurydema fieberi var. *caligatum* Horváth, 1901a: 472 (upgraded by Stichel, 1961: 629). ST(S): ♀, AT, Akbès [= Ekbaz]; HNHN.

Distr. AS: AT.

***Eurydema fieberi* Fieber, 1837**

Eurydema fieberi Fieber, 1837: 353. STS: locality not given (CZ?); MNHN.

Eurydema armeniacum Kolenati, 1846b: 28 (syn. Fieber, 1861: 343; Kerzhner, 2003b: 97). LT (Kerzhner, 2003b: 97): ♀, AB, Elisabetopol [= Ganja]; NHMW.

Pentatoma (Strachia) ornata var. *schaefferi* Gorski, 1852: 85 (syn. Reuter, 1885a: 41). ST(S): UK (“Volhynia australis”); lost.

Strachia meyeri Fieber, 1861: 344 (syn. Puton, 1886a: 13). ST(S): ♂, SP, San Ildefonso; MNHN.

Strachia dominula var. *caucasica* Jakovlev, 1873: 18 (syn. Kiritschenko, 1922: 10). LT (Derzhansky et al., 2002: 366): ♂, RU (ST), Derbent; ZMAS.

Strachia scutellata Jakovlev, 1883b: 14 (syn. Kiritschenko, 1922: 9). HT: ♀, CH, Xinjiang, region of Culdja [= Yining]; ZMAS.

Eurydema fieberi var. *melanogaster* Horváth, 1917b: 375. STS: ♂, ♀, AU and HU (Budapest, Sátoralja-Ujhely); HNHN, MNHN.

Eurydema gussakovskii Kiritschenko, 1952: 160 (syn. Péricart, 2004: 368). LT (Derzhansky et al., 2002: 368): ♂, TD, Kvak; ZMAS.

Eurydema gussakovskii var. *bagradiformis* Kiritschenko, 1952: 161. LT (Derzhansky et al., 2002: 366): ♀, TD, Kvak; ZMAS.

Eurydema fieberi f. *difusa* Fuente, 1972b: 115, 116 (unavailable name). HT: SP, Segovia, La Granja; Universidad Complutense, Madrid, SP.

Eurydema fieberi f. *interrupta* Fuente, 1972b: 116 (unavailable name). HT: SP, Madrid, Cercedilla; Universidad Complutense, Madrid, SP.

Eurydema fieberi f. *colorata* Fuente, 1972b: 116 (unavailable name). HT: SP, Madrid, El Escorial; Universidad Complutense, Madrid, SP.

Eurydema fieberi f. *palida* Fuente, 1972b: 116 (unavailable name). HT: SP, Madrid, Cercedilla; Universidad Complutense, Madrid, SP.
Distr. EU: AU BH BU CR CZ FR GE GR HU IT MC PL PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG MO. **AS:** AB AK AR AT CH (NW) IN IQ IS MG SY TD UZ. **EL:** India.
Ref.: Halászfy, 1958 (larva); Nuamah, 1982 (chrom.); Stehlik, 1955 (variability).

***Eurydema rotundicollis* (Dohrn, 1860)**

Strachia rotundicollis Dohrn, 1860b: 103. STS: SZ, Mt Rosa, Riffelberg; ZMPA.
Eurydema rotundicollis var. *berthae* Royer, 1909a: 198. HT: ♀, FR, Haute-Garonne, Port de Vénasque; MNHN.
Eurydema rotundicollis var. *szekessyi* Halászfy, 1955b: 368. HT: ♀, HU, Lake Velence, Sukoró; HNHM.
Distr. EU: AU FR GE GR HU IT PL PO SK SL SP SZ YU.
Note: Formally, the species was synonymized with *E. fieberi* (Fieber, 1861: 343; Horváth, 1911c: 579; Dupuis, 1951: 3), but most workers keep treating it as a separate species (Stichel, 1961; Wagner, 1966b; Derzhansky & Péricart, 2005).

***Eurydema rugulosa* (Dohrn, 1860)**

Strachia rugulosa Dohrn, 1860b: 103. STS: CY; ZMPA.
Eurydema rugulosa var. *nigrorubra* Reuter, 1900c: 237. STS: AT (“Pontus”), ET (Thracian Peninsula) and IS (Jerusalem); MZHF.
Eurydema rugulosa var. *v-rubrum* Horváth, 1917b: 376. STS: ♀, AT (“Turcia asiatica” and Akbes [= Ekbaz]) and SY (Bloudan); HNHM, MNHN.
Eurydema rugulosa var. *anaemica* Horváth, 1917b: 376. STS: ♂, ♀, IS, Kaifa [= Haifa]; HNHM.
Distr. EU: BU ET GR MC. **AS:** AF AT CY IN IS JO LE SI SY. **EL:** Eritrea, Ethiopia.
Ref.: Dupuis, 1959 (tax.).

Subgenus *Rubrodorsalium* Stichel, 1944

Rubrodorsalium Stichel, 1944: 17 (as subgenus of *Eurydema*). Type species by original designation: *Eurydema ornatum* var. *ventralis* Kolenati, 1846.
Ref.: Derzhansky & Péricart, 2005 (monogr.); Hoberlandt, 1959 (key).

***Eurydema blanda* Horváth, 1903**

Eurydema blandum Horváth, 1903b: 407. STS: ♂, ♀, AT, Konya, Ak-Chéhir; HNHM.
Eurydema blandum var. *albicans* Horváth, 1903b: 407. STS: ♂, ♀, AT, Ak-Chéhir; HNHM.
Distr. AS: AT.

***Eurydema cyanea* (Fieber, 1864)**

Strachia cyanea Fieber, 1864b: 232. ST(S): ♀, Pyrenées; MNHN.
Eurydema maculata Fuente, 1972b: 106 (syn. Péricart & Ribes, 2004: 365). HT: ♂, SP, Santander, Macizo de Peña Vieja; Universidad Complutense, Madrid, SP.
Distr. EU: FR SP.

***Eurydema dominulus* (Scopoli, 1763)**

Cimex dominulus Scopoli, 1763: 124. ST(S): IT or SL, Carniolia; lost.
Cimex cordiger Goeze, 1778: 277 (junior primary homonym of *Cimex cordiger* Goeze, 1778: 266; syn. Reuter, 1884c: 68). For pl. 272, figs 3-4 in Schaeffer, 1776. ST(S): GE, nr Regensburg; lost.
Pentatoma fimbriolatum Germar, 1836: pl. 9 and legend (syn. Fieber, 1861: 341). STS:

- GE (Lüneburg) and RU (WS: “Siberia”); ZMHB?
- Eurydema lhesgicum* Kolenati, 1846b: 28 (syn. Fieber, 1861: 341). LT (Kerzhner, 2003b: 96): ♂, AB, nr Mt Ssalwat (in error, most probably RU (NT), St Petersburg); NHMW.
- Eurydema daurica* Motschulsky, 1860a: 502 (syn. Reuter, 1884c: 68). LT (Kerzhner & Jansson, 1985: 42): ♀, RU (FE), Amur; ZMUM.
- Strachia minuscula* Walker, 1867a: 348 (syn. Distant, 1899b: 442). STS: locality unknown; BMNH.
- Strachia festiva* var. *albiventris* Jakovlev, 1876b: 105 (syn. Puton, 1886a: 14). ST(S): RU; ZMAS (not located, see Derzhansky et al., 2002: 365).
- Eurydema dominulus* var. *albovariata* Reuter, 1891a: 177. ST(S): RU (ES), Minusinsk; MZHF.
- Eurydema dominulus* var. *confluens* Reuter, 1910: 74 (junior primary homonym of *Eurydema oleracea* var. *confluens* Royer, 1907). LT (Derzhansky et al., 2002: 367): ♀, RU (ES), Yakutia, between Rivers Lena and Aldan (see note); ZMAS.
- Eurydema dominula* var. *schirmeri* Schumacher in Schirmer, 1911: 673. HT: ♀, GE, Buckow; SMFD.
- Eurydema dominulus* f. *immaculata* Stichel, 1924: 202. HT: GE, nr Potsdam.
- Eurydema lhesgicum* f. *sibirica* Stichel, 1961: 617 (unavailable name). New name for var. *confluens* Reuter, 1910.
- Distr. EU:** AU BE BH BU BY CR CZ DE EN FI FR GB GE HU IT LA LS LT LU MC MD NL PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **NA:** AG. **AS:** AK AT CH (CE NE NO SE SW WP) IN JA KO MG RU (ES FE WS). **EL:** India.
- Ref.:** Halászfy, 1958 (larva); Nuamah, 1982 (chrom.); Ren, 1992c (egg).
- Note:** Prior to Reuter (1884c) nearly all workers referred to this species under the specific epithet *festiva* which is actually a synonym of *ornata*. The name *dominulus* was usually mistakenly used to refer to a taxon now known as *Eurydema fieberi*. Derzhansky et al. (2002) noted that Reuter (1910) cited the locality data for variety *confluens* under variety *tsherskii*, and the locality data for variety *tsherskii* under variety *confluens*.
- Eurydema liturifera* (Walker, 1867)**
- Strachia liturifera* Walker, 1867a: 326. STS: India, Hindostan; BMNH.
- Eurydema vicarium* Horváth, 1889c: 32 (syn. Distant, 1902a: 191). STS: ♂, ♀, India, Kashmir and Sikkim; HNHM and Atkinson collection (BMNH?).
- Eurydema vicarium* var. *supplens* Horváth, 1889c: 32. ST(S): ♀, India, Kashmir; HNHM.
- Eurydema lituriferum* var. *hypomelan* Breddin, 1907: 94. ST(S): India or Pakistan, between Srinagar and Islamabad; DEIC?
- Eurydema lituriferum* var. *hypopoecilum* Breddin, 1907: 94. ST(S): India or Pakistan, between Srinagar and Islamabad; DEIC?
- Eurydema lituriferum* var. *yunnanensis* China, 1925: 454. STS: CH (SW), Yunnan, Wei-si River; BMNH.
- Distr. AS:** CH (SW WP). **EL:** Oriental Region.
- Ref.:** Nuamah, 1982 (chrom.); Parshad, 1957b (chrom.); L.Y. Zheng, 1983b (fig., key).
- Eurydema maracandica* Oshanin, 1871**
- Eurydema maracandicum* Oshanin, 1871: 202. ST(S): ♂, UZ, nr Samarkand; MZHF, ZMUM.
- Distr. EU:** RU (ST). **AS:** AB AK CH (NO NW WP) IN MG TM UZ.

Ref.: Ren, 1992c (egg); L.Y. Zheng, 1983b (fig., key).

***Eurydema montana* Kerzhner, 1972**

Eurydema dominulus montana Kerzhner, 1972a: 370 (upgraded by Kerzhner, 2005: 74). HT: ♂, RU (ES), Tuva, Kara-Khol' Lake in basin of Khemchik River; ZMAS.

Distr. AS: AK MG RU (ES WS).

***Eurydema mrugowskyi* Stichel, 1944**

Eurydema (Rubrodorsalium) mrugowskyi Stichel, 1944: 16. STS: AF, Nuristan, Schuk-Tal, between Parigil and Patscheigil.

Distr. AS: AF AT. **EL:** Pakistan.

***Eurydema pulchra* (Westwood, 1837)**

Pentatoma pulchra Westwood, 1837: 34. ST(S): Indonesia, Java; OXUM.

Eurydema sumatrana Ellenrieder, 1862: 152 (syn. Stål, 1876: 86). ST(S): Indonesia, Sumatra.

Strachia designata Walker, 1867a: 327 (syn. Horváth, 1897b: 694, suspected; Distant, 1899b: 442). HT: India, Hindostan; BMNH.

Eurydema amoenum Horváth, 1879: 144 (syn. Horváth, 1897b: 694). STS: ♂, ♀, CH (CE), Shanghai (Kiangsee-Yangtze and Sü-kia-wei); HNHM.

Eurydema ornatum (non Linnaeus, 1758): Matsumura, 1905b: 23. Misidentification (see Esaki, 1926a: 148).

Eurydema ornata (non Linnaeus, 1758): Mitsuhashi, 1915: 526. Misidentification (see Takara, 1957: 26).

Distr. AS: CH (NO SE SW) JA KO TA. **EL:** Australia, Oriental Region.

Ref.: Hinton, 1981 (egg); Nuamah, 1982 (chrom.).

***Eurydema spectabilis* Horváth, 1882**

Eurydema spectabile Horváth, 1882: 219. STS: ♂, ♀, SY; HNHM, MZHF.

Eurydema spectabile f. *intaminata* Stichel, 1961: 619 (unavailable name). ST(S): BU, Varna; MZLS?

Distr. EU: AL BU GR RO RU (ST) UK. **AS:** AT GG IS SY.

***Eurydema ventralis* Kolenati, 1846**

Eurydema ornatum var. *ventralis* Kolenati, 1846b: 26 (upgraded by Stichel, 1926b: 107). ST(S): RU (ST), Caucasus; NHMW.

Pentatoma (Strachia) ornata [var.] *hoffmanseggii* Gorski, 1852: 85 (syn. Horváth, 1917b: 375). ST(S): UK ("Podolia australis"); lost.

Strachia ornata var. *pectoralis* Fieber, 1861: 342 (syn. Gulde, 1934: 156, with *ornatum* auct. [= *ventralis*]). ST(S): locality not given; MNHN.

Strachia ornata var. *dissimilis* Fieber, 1861: 342 (syn. Gulde, 1934: 156, with *ornatum* auct. [= *ventralis*]). ST(S): ♀, EU (south); MNHN.

Eurydema ventralis f. *triguttata* Tamanini, 1957: 118 (junior primary homonym of *E. oleracea* var. *triguttata* Horváth, 1885). HT: IT, Rovereto; MCRI.

Eurydema ventralis f. *lineata* Tamanini, 1957: 118. HT: IT, Rovereto; MCRI.

Eurydema ventralis f. *dilatata* Tamanini, 1957: 118. HT: IT, Rovereto; MCRI.

Eurydema ventralis f. *protensa* Tamanini, 1957: 118. HT: IT, Rovereto; MCRI.

Eurydema ventralis f. *confluens* Tamanini, 1957: 118 (junior primary homonym of *E. oleracea* var. *confluens* Royer, 1907). HT: IT, Rovereto.

Eurydema ventralis f. *scutellata* Tamanini, 1957: 118 (junior secondary homonym of *Strachia scutellata* Jakovlev, 1883. HT: IT, Rovereto; MCRI.

Eurydema ventralis f. *caudata* Tamanini, 1957: 118. HT: IT, Rovereto; MCRI.

Eurydema ventralis f. *connexa* Tamanini, 1957: 118. HT: IT, Rovereto; MCRI.
Eurydema ventralis f. *ocellata* Tamanini, 1957: 119. HT: IT, Rovereto; MCRI.
Eurydema ventrale f. *fasciipennis* Tamanini in Stichel, 1961: 621 (unavailable name).
 New name for f. *confluens* Tamanini, 1957.
Eurydema ventrale f. *maculosa* Tamanini in Stichel, 1961: 621 (unavailable name).
 New name for f. *scutellata* Tamanini, 1957.
Eurydema ventrale f. *trimaculata* Tamanini in Stichel, 1961: 621 (unavailable name).
 New name for f. *triguttata* Tamanini, 1957.
Eurydema ventrale f. *immaculipennis* Fuente, 1972b: 112 (unavailable name). HT: SP, Valencia, Rocafort; Universidad Complutense, Madrid, SP.
Distr. EU: AL AU BE BH BU BY CR CZ EK ET FR GE GR HU IT LA LS LT MA MC MD NL? PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG EG MO. **AS:** AB AF AK AR AT CH (NO NW SE SW) CY IN IQ IS LE SY.
Ref.: Benedek, 1968 (egg); Halászfy, 1958 (larva); Nuamah, 1982 (chrom.).

Species of unclarified subgeneric position

***Eurydema alpina* Ling, 1989**

Eurydema alpinum Ling, 1989: 195. HT: ♀, CH (SW), Sichuan, Xin-long County; Sichuan Natural Resources Institute, Chengdu, Sichuan, CH.
Distr. AS: CH (SW).

***Eurydema leucogaster* Kiritshenko, 1963**

Eurydema leucogaster Kiritshenko, 1963: 374. HT: ♂, AF, Kabul; ZMAS.
Distr. AS: AF.

***Eurydema lingi* Rider, L.Y. Zheng & Kerzhner, 2002**

Eurydema montanum Ling, 1989: 193 (junior primary homonym of *Eurydema dominulus montana* Kerzhner, 1972). HT: ♂, CH (SW), Sichuan, Dege County; Sichuan Natural Resources Institute, Chengdu, Sichuan, CH.
Eurydema lingi Rider et al., 2002: 139. New name for *montanum* Ling, 1989.
Distr. AS: CH (SW).

***Eurydema persica* Lindberg, 1938**

Eurydema persicum Lindberg, 1938b: 90. HT: ♂, IN, Keredj nr Teheran; MZHF.
Eurydema persicum var. *adfluens* Lindberg, 1938b: 90. HT: ♀, IN, Keredj nr Teheran; MZHF.
Distr. AS: IN.

***Eurydema pulchrigena* Kiritshenko, 1925**

Eurydema pulchrigena Kiritshenko, 1925: 1. LT (Derzhansky et al., 2002: 370): ♂, TD, Isfara; ZMAS.
Eurydema pulchrigena var. *phenax* Kiritshenko, 1925: 2. HT: ♂, UZ, Vuadil, Alai Mts; ZMAS.
Distr. AS: AF IN TD UZ.

***Eurydema rugosa* Motschulsky, 1861**

Eurydema rugosa Motschulsky, 1861: 22. LT (Kerzhner & Jansson, 1985: 42): ♀, JA; ZMUM.
Strachia signata Walker, 1867a: 328 (syn. Distant, 1899b: 442). STS: JA; BMNH.
Strachia marginifera Walker, 1867a: 328 (syn. Distant, 1899b: 442). HT: CH (north); BMNH.
Distr. AS: CH (NO) JA RU (FE: Sakhalin and Kuriles). **EL:** India.

Ref.: Kobayashi, 1958 (egg, larva); Nuamah, 1982 (chrom.).

Genus *Madates* Strand, 1910

Cinxia Stål, 1862a: 105 (junior homonym of *Cinxia* Meigen, 1800, Diptera). Type species by original designation: *Cimex limbatus* Fabricius, 1803.

Datames Horváth, 1909a: 631 (junior homonym of *Datames* Stål, 1875, Orthoptera). New name for *Cinxia* Stål, 1862.

Madates Strand, 1910: 19. New name for *Datames* Horváth, 1909.

Ref.: Abbasi, 1986 (descr., key).

***Madates limbata* (Fabricius, 1803)**

Cimex limbatus Fabricius, 1803: 176. ST(S): Indonesia, Sumatra; ZMUC.

Distr. AS: CH (SE SW). **EL:** Australia, Oriental Region.

Ref.: Abbasi, 1986 (descr., fig.).

Genus *Stenozygum* Fieber, 1861

Stenozygum Fieber, 1861: 340. Type species by monotypy: *Stenozygum variegatum* Fieber, 1861 (= *Cimex coloratus* Klug, 1845).

Minodia Mulsant & Rey, 1866: 199 (as subgenus of *Nitilia*; syn. Stål, 1872c: 39). Type species by monotypy: *Stenozygum variegatum* Fieber, 1861 (= *Cimex coloratus* Klug, 1845).

Pseumatocoris Kiritshenko, 1922: 12 (syn. Péricart, 2004: 372). Type species by original designation: *Pseumatocoris ignitus* Kiritshenko, 1922.

Extralimital subgenus: *Setozygum* Ghauri, 1972, Pakistan.

Ref.: Abbasi, 1986 (descr., key); Derzhansky & Péricart, 2005 (monogr.); Linnavuori, 1982b (key); Safavi, 1979 (key).

***Stenozygum alamata* Linnavuori, 1975**

Stenozygum alamata Linnavuori, 1975: 98. HT: ♂, Ethiopia, Dessie Karakore; AMNH.

Distr. AS: SA. **EL:** Eritrea, Ethiopia.

***Stenozygum alienatum* (Fabricius, 1803)**

Cimex alienatus Fabricius, 1803: 173. STS: “Guinea”; ZMUC.

Pentatoma elegans Palisot de Beauvois, 1811: 113 (syn. Stål, 1865c: 184). ST(S): Oware [= Nigeria].

Distr. AS: SY? **EL:** tropical Africa.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Stenozygum coloratum* (Klug, 1845)**

Cimex coloratus Klug, 1845: sign. *d* (note: fig. labelled *variegatus*). LT (Péricart, 2004: 373): ♂, Sudan, Ambukhl [= Ambikol]; ZMAB.

Stenozygum variegatum Fieber, 1861: 345 (syn. Stål, 1865c: 186). STS: ♂, ♀, AT and SY; MNHN.

Stenozygum coloratum f. *rubricatum* Wagner, 1939b: 76. HT: ♂, IQ, Basra; MWNH.

Distr. EU: GR. **NA:** EG. **AS:** AT CY IN IQ IS JO LE SA SI SY YE. **EL:** Ethiopia, Kenya, Sudan.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Nuamah, 1982 (chrom.).

***Stenozygum ignitum* (Kiritshenko, 1922)**

Pseumatocoris ignitus Kiritshenko, 1922: 13. LT (Derzhansky et al., 2002: 368): ♂, IQ, Mesopotamia, Ziaret-Seid-Hassan; ZMAS.

Distr. AS: AF IN IQ.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Stenozygum poecilum* (Dallas, 1851)**

Strachia poecila Dallas, 1851a: 260. ST(S): ♀, South Africa; BMNH.

Distr. AS: SA. **EL:** Ethiopia, Kenya, South Africa.

Ref.: Linnavuori, 1975 (descr., fig.), 1982a (fig., key).

***Stenozygum speciosum* (Dallas, 1851)**

Strachia speciosa Dallas, 1851a: 261. ST(S): ♀, India (north); BMNH.

Strachia inornata Walker, 1867a: 331 (syn. Distant, 1900d: 433). HT: India, Hindostan; BMNH.

Distr. AS: CH (SE SW) IN. **EL:** Oriental Region.

Genus *Strachia* Hahn, 1833

Strachia Hahn, 1833a: 180. Type species by subsequent designation (Stål, 1862a: 105):

Strachia cruciger Hahn, 1833.

***Strachia cruciger* Hahn, 1833**

Strachia cruciger Hahn, 1833a: 184. ST(S): India; ZSMC?

Strachia flammula Ellenrieder, 1862: 153 (syn. Atkinson, 1888b: 60). ST(S): Indonesia, Sumatra, Lahat.

Strachia strangulata Walker, 1867a: 344 (syn. Distant, 1899b: 442). STS: Malaysia, Penang [= Pinang]; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Genus *Trochiscocoris* Reuter, 1890

Trochiscus Jakovlev, 1879: 46 (junior homonym of *Trochiscus* Heyden, 1826, Arachnida).

Type species by monotypy: *Trochiscus hemipterus* Jakovlev, 1879.

Trochiscocoris Reuter, 1890b: 249. New name for *Trochiscus* Jakovlev, 1879.

Ref. Asanova & Kerzhner, 1969 (review); Derzhansky & Péricart, 2005 (monogr.).

***Trochiscocoris hemipterus* (Jakovlev, 1879)**

Trochiscus hemipterus Jakovlev, 1879: 47. HT: ♂, RU (ST), Dagestan, Kasumkent; ZMAS.

Trochiscocoris sanguinolentus Horváth, 1895a: 153 (syn. Kerzhner, 1964a: 366).

ST(S): ♂, AT, Taurus Mts [= Toros Dagi]; HNHM.

Trochiscocoris maroccanus Taeuber, 1940: 397 (syn. Kerzhner, 1964a: 366). STS: ♂, ♀, MO, Greater Atlas, Djebel Ramouze; Taeuber collection (not located).

Trochiscocoris kiritschenkoi Akramovskaya, 1957: 94 (syn. Kerzhner, 1964a: 366). HT: ♂, AR, Kotaiski Distr., Arzni; Zoological Institute, Armenian Academy of Sciences, Jerevan, AR.

Distr. EU: RU (ST: Caucasus) SP. **NA:** MO. **AS:** AB AR AT.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Trochiscocoris rotundatus rotundatus* Horváth, 1895**

Trochiscocoris rotundatus Horváth, 1895a: 154. STS: ♂, ♀, RO, Plavisevicza [= Plaviševica]; HNHM.

Trochiscocoris rotundatus f. *macroptera* Kormilev, 1939: 24. ST(S): MC, Skopje; Natural History Museum, Belgrade, YU.

Distr. EU: BU CR GR IT MC RO RU (ST: Caucasus) YU. **AS:** AT GG.

Ref.: Derzhansky & Péricart, 2005 (monogr.).

***Trochiscocoris rotundatus aeneus* Asanova & Kerzhner, 1969**

Trochiscocoris rotundatus aeneus Asanova & Kerzhner, 1969: 118. HT: ♂, AK, Tselinograd Prov. [now in Turgai Prov.], Kokshetau Hills; ZMAS.

Distr. AS: AK.

Species of unclarified tribal position

Genus *Lakhonia* Yang, 1936

Lakhonia Yang, 1936b: 147. Type species by original designation: *Lakhonia nigripes* Yang, 1936.

Oedocoris L.Y. Zheng & G.Q. Liu, 1987b: 183 (syn. Rider et al., 2002: 141). Type species by original designation: *Oedocoris eburneus* L.Y. Zheng & G.Q. Liu, 1987 (= *Lakhonia nigripes* Yang, 1936).

***Lakhonia nigripes* Yang, 1936**

Lakhonia nigripes Yang, 1936: 147. HT: ♀, Thailand, Lakhon; MHHN.

Oedocoris eburneus L.Y. Zheng & G.Q. Liu, 1987b: 184 (syn. Rider et al., 2002: 141). HT: ♀, CH (SW), Yunnan, Xiang-yun County; Quarantine Institute, Kunming, Yunnan, CH.

Distr. AS: CH (SW). **EL:** Thailand.

Genus *Liicoris* L.Y. Zheng & G.Q. Liu, 1987

Liicoris L.Y. Zheng & G.Q. Liu, 1987a: 291. Type species by original designation: *Liicoris tibetanus* L.Y. Zheng & G.Q. Liu, 1987.

***Liicoris tibetanus* L.Y. Zheng & G.Q. Liu, 1987**

Liicoris tibetanus L.Y. Zheng & G.Q. Liu, 1987a: 292. HT: ♂, CH (WP), Xizang, Tongmai; Beijing Agricultural University, Beijing, CH.

Distr. AS: CH (WP).

Genus *Vitruvius* Distant, 1901

Vitruvius Distant, 1901d: 111. Type species by monotypy: *Vitruvius insignis* Distant, 1901.

Ref.: Distant, 1902a (descr.); Kumar & Ghauri, 1970 (tax.).

***Vitruvius insignis* Distant, 1901**

Vitruvius insignis Distant, 1901d: 112. ST(S): Burma, Rangoon; MCSN.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Ref.: Kumar & Ghauri, 1970 (fig., tax.).

Genus *Zouicoris* L.Y. Zheng, 1986

Zouicoris L.Y. Zheng, 1986: 1. Type species by original designation: *Zouicoris elegans* L.Y. Zheng, 1986.

***Zouicoris elegans* L.Y. Zheng, 1986**

Zouicoris elegans L.Y. Zheng, 1986: 2. HT: ♂, CH (SW), Yunnan, Meng-la County; NKUM.

Distr. AS: CH (SW).

Subfamily PHYLLOCEPHALINAE Amyot & Serville, 1843

PHYLLOCEPHALINAE Amyot & Serville, 1843: 174 (Phyllocephalides). Type genus: *Phyllocephala* Laporte, 1833.

Note: Several tribes have been erected within this subfamily, but very few genera have actually been assigned to known tribes.

Extralimital tribe: Delocephalini Horváth, 1900, tropical Africa.

Tribe CRESSONINI Kamaluddin & Ahmad, 1991

CRESSONINI Kamaluddin & Ahmad, 1991: 259. Type genus: *Cressona* Dallas, 1851.

Genus *Cressona* Dallas, 1851

Cressona Dallas, 1851a: 358. Type species by monotypy: *Cressona valida* Dallas, 1851.

Ref.: Distant, 1902a (descr., key); Kirkaldy, 1913 (key).

***Cressona divaricata* L.Y. Zheng & Zou, 1982**

Cressona divaricata L.Y. Zheng & Zou, 1982: 114. HT: ♂, CH (SW), Yunnan, Si-mao County; NKUM.

Distr. AS: CH (SW).

***Cressona rufa* Zhang & Lin, 1984**

Cressona rufa Zhang & Lin in Lin & Zhang, 1984: 268. HT: ♀, CH (SW), Yunnan, Yuan-yang County; IZAS.

Distr. AS: CH (CE SW).

***Cressona valida* Dallas, 1851**

Cressona valida Dallas, 1851a: 358. ST(S): ♀, India; BMNH.

Distr. AS: CH (SE SW). **EL:** Oriental Region.

Tribe MEGARRHAMPHINI Ahmad, 1981

MEGARRHAMPHINI Ahmad, 1981: 103. Type genus: *Megarrhamphus* Bergroth, 1891.

Note: Referred to as manuscript name, but diagnosis given. Formal description published by Ahmad & Kamaluddin (1988: 241).

Genus *Megarrhamphus* Bergroth, 1891

Megarhynchus Laporte, 1833: 65 (replaced as junior homonym of *Megarynychus* Thunberg, 1824, Aves; see note). Type species by monotypy: *Lygaeus hastatus* Fabricius, 1803.

Megarhincus: Spinola, 1837: 290. Incorrect spelling.

Megarrhamphus Heine, 1860: 338 (nomen oblitum). New name for *Megarhynchus* Laporte, 1833.

Megarrhamphus Bergroth, 1891: 214. New name for *Megarhynchus* Laporte, 1833.

Note: Contrary to Bergroth (1891), *Megarynychus* Thunberg and *Megarhynchus* Laporte are not homonyms, but *Megarrhamphus* Bergroth is retained here as being in general usage. The spelling *Megarhynchus* first used for Thunberg's name by Heine (1860) is not accepted in modern ornithological reference-books.

***Megarrhamphus fuscus* (Vollenhoven, 1868)**

Megarhynchus fuscus Vollenhoven, 1868b: 44. STS: ♂, CH (CE), Zhejiang, Ningpo [= Ningbo]; RMNH.

Distr. AS: CH (CE).

***Megarrhamphus hastatus* (Fabricius, 1803)**

Aelia rostrata Fabricius, 1803: 188. ST(S): Indonesia, Sumatra; ZMUC (1 ST).

Rejected name (see Opinion 719, 1965).

Lygaeus hastatus Fabricius, 1803: 189. ST(S): Indonesia, Java; lost.

Megarhynchus elongatus Laporte, 1833: 65 (syn. Burmeister, 1835: 357). STS: Cochinchine [= S Vietman] and Indonesia (Java); MNHN.

Distr. AS: CH (CE SE) TA. **EL:** Oriental Region

Ref.: Zhang, 1985 (egg, fig.).

***Megarrhamphus intermedius* (Vollenhoven, 1868)**

Megarhynchus intermedius Vollenhoven, 1868b: 44. STS: ♂, ♀, CH (CE), Zhejiang, Ningpo [= Ningbo]; RMNH.

Distr. AS: CH (CE).

***Megarrhamphus limatus* (Herrich-Schaeffer, 1851)**

Megarynchus [sic] *limatus* Herrich-Schaeffer, 1851: 303. ST(S): India, Assam; ZMUL.

Distr. AS: CH (SE). **EL:** Burma, India.

***Megarrhamphus tibialis* Yang, 1933**

Megarrhamphus tibialis Yang, 1933b: 63. HT: ♂, CH (SW), Sze-Tchouen [= Sichuan]; MNHN.

Megarrhamphus tibialis var. *antetibialis* Yang, 1933b: 64. HT: ♀, Tonkin [= Vietnam]; MNHN.

Distr. AS: CH (SW). **EL:** Vietnam.

***Megarrhamphus truncatus* (Westwood, 1837)**

Megarhynchus truncatus Westwood, 1837: 20. ST(S): Indonesia, Java; OXUM.

Megarhynchus testaceus Amyot & Serville, 1843: 180 (syn. Stål, 1876: 123). ST(S): Indonesia, Java.

Distr. AS: CH (CE NO SE SW WP) TA. **EL:** Oriental Region.

Ref.: Hoffmann, 1934c (morph.); Miller, 1971 (egg); Zhang, 1985 (fig., egg, larva).

Tribe PHYLLOCEPHALINI Amyot & Serville, 1843

Genus *Chalcopis* Kirkaldy, 1909

Chalcopis Kirkaldy, 1909b: 244 (as subgenus of *Metonymia*; upgraded by Distant, 1921: 168). Type species by original designation: *Edessa glandulosa* Wolff, 1811.

Ref.: Hoberlandt & Safavi, 1981 (descr., key).

***Chalcopis glandulosa* (Wolff, 1811)**

Edessa glandulosa Wolff, 1811: 172. ST(S): India or Bangladesh, Bengalia; lost.

Distr. AS: CH (CE NO SE SW) TA. **EL:** Oriental Region.

Ref.: Hoberlandt & Safavi, 1981 (descr., fig.); Hoffmann, 1934d (biol.); Ren, 1992c (egg).

***Chalcopis mirzayansi* Hoberlandt & Safavi, 1981**

Chalcopis mirzayansi Hoberlandt & Safavi, 1981: 35. HT: ♂, IN, Kerman Prov., 8-45 km E of Hajiabad; NMPC.

Distr. AS: IN.

Genus *Dalsira* Amyot & Serville, 1843

Dalsira Amyot & Serville, 1843: 175. Type species by subsequent designation (Distant, 1902a: 291): *Dalsira affinis* Amyot & Serville, 1843, South Africa.

Metonymia Kirkaldy, 1909b: 245 (objective synonym). Type species by original designation: *Dalsira affinis* Amyot & Serville, 1843, South Africa.

***Dalsira scabrata* Distant, 1901**

Dalsira scabrata Distant, 1901d: 113. STS: Burma, Carin Cheba [= Karennee] and

Asciuii Cheba; MCSN.
Distr. AS: CH (SW). **EL:** Burma.

Genus *Diplorhinus* Amyot & Serville, 1843

Diplorhinus Amyot & Serville, 1843: xxix, 178. Type species by monotypy: *Atelocerus furcatus* Westwood, 1837 (misidentified as *Halys furcata* Fabricius, 1803).

Ref.: Kirkaldy, 1913 (key).

***Diplorhinus furcatus* (Westwood, 1837)**

Atelocerus? furcatus Westwood, 1837: 20. ST(S): Indonesia, Java; OXUM.

Phyllocephala distans Herrich-Schaeffer, 1844: 71 (syn. Stål, 1876: 122). ST(S): Africa [in error]; ZMUL.

Diplorhinus sinensis Walker, 1868: 494 (syn. Distant, 1900b: 225). STS: CH (“north”) and CH (SE), Hong Kong; BMNH.

Distr. AS: CH (CE SE SW) TA. **EL:** India, Indonesia.

Genus *Gonopsimorpha* Yang, 1934

Gonopsimorpha Yang, 1934c: 66. Type species by original designation: *Gonopsimorpha nigrosignata* Yang, 1934.

***Gonopsimorpha ferruginea* Yang, 1934**

Gonopsimorpha ferruginea Yang, 1934c: 68. HT: ♀, CH (CE), Jiangxi; MNHN.

Distr. AS: CH (CE).

***Gonopsimorpha lutea* Yang, 1934**

Gonopsimorpha lutea Yang, 1934c: 69. HT: ♀, CH (CE), Jiangxi; MNHN.

Distr. AS: CH (CE).

Note: Hsiao & Cheng (1977) indicated that this and *ferruginea* may be synonyms.

***Gonopsimorpha nigrosignata* Yang, 1934**

Gonopsimorpha nigrosignata Yang, 1934c: 67. HT: ♀, CH (CE), Jiangxi; MNHN.

Distr. AS: CH (CE SE).

Genus *Gonopsis* Amyot & Serville, 1843

Gonopsis Amyot & Serville, 1843: xxix, 180. Type species by monotypy: *Gonopsis denticulata* Amyot & Serville, 1843, Senegal.

Bessida Walker, 1868: 577 (syn. Distant, 1900b: 224). Type species by monotypy:

Bessida scutellaris Walker, 1868 (= *Macrina coccinea* Walker, 1868).

Ref.: Distant, 1902a (descr., key); Kirkaldy, 1913 (key); Lin & Zhang, 1993a (key).

***Gonopsis affinis* (Uhler, 1860)**

Dichelops affinis Uhler, 1860: 224. ST(S): JA, Simoda; USNM.

Macrina vacillans Walker, 1868: 497 (syn. Lethierry & Severin, 1893: 243). HT: “China”; BMNH.

Distr. AS: CH (CE NO SE) JA KO.

Ref.: Esaki, 1932, 1950 (fig.); Kobayashi, 1951 (egg, larva).

***Gonopsis coccinea* (Walker, 1868)**

Macrina coccinea Walker, 1868: 497. STS: India (Hindustan) and Malaysia (Penang [= Pinang]); BMNH.

Bessida scutellaris Walker, 1868: 578 (syn. Distant, 1900b: 224). HT: Birmah [= Burma]; BMNH.

Distr. AS: CH (SE SW WP). **EL:** Burma, India, Malaysia.

Ref.: Ren, 1992c (egg).

***Gonopsis diversa* (Walker, 1868)**

Megarhynchus diversus Walker, 1868: 498. HT: India, Hindostan; BMNH.

Distr. AS: CH (SE). **EL:** India.

***Gonopsis rubescens* Distant, 1887**

Gonopsis rubescens Distant, 1887: 359. ST(S): India, Sikkim; BMNH.

Distr. AS: CH (SW). **EL:** India.

Genus *Phyllocephala* Laporte, 1833

Phyllocephala Laporte, 1833: 57. Type species by monotypy: *Phyllocephala senegalensis* Laporte, 1833, Africa.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Kirkaldy, 1913 (key).

***Phyllocephala negus* (Distant, 1900)**

Basicryptus negus Distant, 1900b: 224. STS: SA or YE (Arabia), YE (Hadramaut) and Ethiopia (Abyssinia); BMNH.

Phyllocephala albicornis Horváth, 1911c: 580 (syn. Linnavuori, 1986a: 49). STS: ♂, ♀, IS (Jerusalem) and YE; HNHM, SMNS.

Dalsira pakistanensis Hamid & Abbasi, 1972: 178. (syn. Hoberlandt & Safavi, 1981: 41, with *albicornis*; syn. Linnavuori, 1986a: 49). HT: ♂, Pakistan, Karachi, Korangi Crk.; USNM.

Distr. NA: EG. **AS:** IN IS JO SA SI SY YE. **EL:** Ethiopia, Pakistan, Sudan.

Genus *Salvianus* Distant, 1902

Salvianus Distant, 1902a: 294. Type species by original designation: *Gonopsis lunatus* Distant, 1901.

Ref.: Kirkaldy, 1913 (key).

***Salvianus lunatus* (Distant, 1901)**

Gonopsis lunatus Distant, 1901d: 113. STS: Burma, Carin Cheba [= Karennee]; MCSN.

Distr. AS: CH (SW). **EL:** Burma, India.

Genus *Schyzops* Spinola, 1837

Schyzops Spinola, 1837: 297. Type species by original designation: *Pentatoma aegyptiaca* Lefebvre, 1831.

Ref.: Distant, 1902a (descr., key) ; Ghauri, 1969 (descr., key); Kirkaldy, 1913 (key).

***Schyzops aegyptiaca aegyptiaca* (Lefebvre, 1831)**

Pentatoma aegyptiaca Lefebvre, 1831c: 20. STS: EG, left bank of Nile River along desert d'El-Maedjar, nr Denderah; MNHN?

Distr. EU: FR IT. **NA:** AG EG LB. **AS:** AF AT IS QA SA SY YE. **EL:** Sudan, Uganda.

Ref.: Derzhansky & Péricart, 2005 (monogr.); Ghauri, 1969 (fig., key).

Note: According to Hoberlandt & Safavi (1981), records from IN refer to *Schyzops pakistanica*.

***Schyzops aegyptiaca arabica* Ghauri, 1969**

Schyzops aegyptiaca arabica Ghauri, 1969: 601. HT: ♂, SA, Abyan; BMNH.

Distr. AS: SA YE.

***Schyzops pakistanica* Ghauri, 1969**

Schyzops n. sp.: China, 1927b: 188.

Schyzops pakistanica Ghauri, 1969: 599. HT: ♂, Pakistan, Gujranwala; BMNH.

Schizops [sic!] *distanti* Hamid & Abbasi, 1972: 174 (syn. Hoberlandt & Safavi, 1981: 40). HT: ♂, Pakistan, Hyderabad; USNM.

Distr. AS: AF IN. **EL:** Pakistan.

Ref.: Abbasi, 1986 (descr., fig.).

Note: Ahmad & Kamalludin (1987) and Kamaluddin & Ahmad (1988) have indicated that *distanti* may be a good species.

Tribe TETRODINI Ahmad, 1981

TETRODINI Ahmad, 1981: 103. Type genus: *Tetroda* Amyot & Serville, 1843.

Note: Referred to as manuscript name, but diagnosis given. Formal description by Ahmad & Kamaluddin (1990: 1).

Genus *Gellia* Stål, 1865

Gellia Stål, 1865c: 243. Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Aelia albivittis* Germar, 1838, South Africa.

Extralimital subgenus: *Gellia* Stål, 1865, Africa, India, Pakistan.

Ref.: Distant, 1902a (key); Hoberlandt & Safavi, 1981 (key); Kirkaldy, 1913 (key).

Subgenus *Leliga* Kirkaldy, 1909

Leliga Kirkaldy, 1909b: 250 (as subgenus of *Gellia*). Type species by original designation: *Tetroda nigripennis* Dallas, 1851.

***Gellia nigripennis* (Dallas, 1851)**

Tetroda nigripennis Dallas, 1851a: 357. ST(S): ♀, N India; BMNH.

Distr. AS: IN. **EL:** India, Pakistan.

Ref.: Abbasi, 1986 (descr., fig.).

Genus *Tetroda* Amyot & Serville, 1843

Tetroda Amyot & Serville, 1843: 177. Type species by monotypy: *Acanthia histeroides* Fabricius, 1798.

Ref.: Kirkaldy, 1913 (key).

***Tetroda histeroides* (Fabricius, 1798)**

Acanthia histeroides Fabricius, 1798: 526. ST(S): Surinam [in error]; ZMUC.

Aelia furcata Fabricius, 1803: 188 (syn. Dallas, 1851a: 356). ST(S): India or Bangladesh, "Bengalia"; ZMUC.

Megarhynchus quadrispinosus Westwood, 1837: 19 (syn. Atkinson, 1889b: 104). ST(S): South Africa, Cape of Good Hope [in error]; OXUM.

Tetroda histeroides var. *sumatrana* Ellenrieder, 1862: 171. ST(S): Indonesia, Sumatra, Lahat.

Tetroda bilineata Walker, 1868: 494 (syn. Distant, 1900b: 234). STS: Burma (Tringany), India (Hindostan), Indonesia (Java and Sumatra) and Malaysia (Malacca [= Melaka]); BMNH.

Distr. AS: CH (CE NO SE SW) JA TA. **EL:** Oriental Region.

Ref.: Ren, 1992c (egg); Zhang, 1985 (egg, larva).

Subfamily PODOPINAE Amyot & Serville, 1843

PODOPINAE Amyot & Serville, 1843: 56 (Podopides). Type genus: *Podops* Laporte,

1833.

Tribe BRACHYCEROCORINI Davidová-Vilímová & Štys, 1994

BRACHYCEROCORINI Davidová-Vilímová & Štys, 1994: 39. Type genus:

Brachycerocoris A. Costa, 1863.

Note: This tribal name is published without description or diagnosis and remains a nomen nudum.

Genus *Brachycerocoris* A. Costa, 1863

Brachycerocoris A. Costa, 1863: 191. Type species by monotypy: *Brachycerocoris camelus* A. Costa, 1863.

Teucus Stål, 1865b: 168 (syn. Stål, 1868b: 502). Type species by monotypy: *Tarisa dromedarius* Vollenhoven, 1863, Indonesia, Philippines.

Teressa Walker, 1867b: 113 (syn. Stål, 1876: 30). Type species by monotypy: *Teressa terranea* Walker, 1867 (= *Brachycerocoris camelus* A. Costa, 1863).

Ref.: Distant, 1902a (key); Schaefer et al., 1996 (descr., tax.); Schouteden, 1903 (descr., key).

***Brachycerocoris camelus* A. Costa, 1863**

Brachycerocoris camelus A. Costa, 1863: 192. STS: CH; ZIUN.

Teressa terranea Walker, 1867b: 113 (syn. Stål, 1876: 31). STS: CH, "North China"; BMNH.

Distr. AS: CH (CE SE). **EL:** India, Sri Lanka.

Ref.: Hoffmann, 1935c (biol., larva); Ren, 1992c (egg); Schaefer et al., 1996 (descr., fig.).

Tribe GRAPHOSOMATINI Mulsant & Rey, 1865

GRAPHOSOMATINI Mulsant & Rey, 1865: 7 (Graphosomaires); Stål, 1872c: 34 (Graphosomaria). Type genus: *Graphosoma* Laporte, 1833.

TRIGONOSOMATINI Mulsant & Rey, 1866: 368 (Trigonosomiens). Type genus: *Trigonosoma* Laporte, 1833 (= *Ventocoris* Hahn, 1834).

ANCYROSOMATINI Mulsant & Rey, 1866: 380 (Ancyrosomates); V.G. Putshkov, 1961: 163 (Ancyrosomini; as new tribe). Type genus: *Ancyrosoma* Amyot & Serville, 1843.

VENTOCORINI Oshanin, 1912: 7 (Ventocoraria). New name for Trigonosomatini. Type genus: *Ventocoris* Hahn, 1834.

Genus *Ancyrosoma* Amyot & Serville, 1843

Ancyrosoma Amyot & Serville, 1843: xvii, 49. Type species by monotypy: *Cimex albolineatus* Fabricius, 1781 (= *Cimex leucogrammes* Gmelin, 1790).

***Ancyrosoma leucogrammes* (Gmelin, 1790)**

Cimex albolineatus Fabricius, 1781: 342 (junior primary homonym of *Cimex albolineatus* Goeze, 1778, Miridae). ST(S): IT; ZMUC.

Cimex leucogrammes Gmelin, 1790: 2131. New name for *albolineatus* Fabricius, 1781.

Cimex nervosus Cyrrillus, 1791: pl. 6, fig. 10 and legenda (junior primary homonym of *Cimex nervosus* Scopoli, 1763; syn. Illiger, 1807: 366, with *albolineatus*; A. Costa, 1843: 66). ST(S): IT, nr Naples; lost.

Trigonosoma affine Westwood, 1837: 12 (syn. Horváth, 1899b: 277). ST(S): EG; OXUM.

Sternodontus obtusus (non Mulsant & Rey, 1856): Horváth, 1888: 186.

Misidentification (see Horváth, 1899b: 277).

Ancyrosoma tuberculatum Bergevin, 1908: 278 (syn. Lupoli, 1990: 27). HT: ♂, AG, Touaria, 20 km SE of Montagonem; MNHN.

Distr. EU: AL AU BH BU CR ET FR GR HU IT MA MC PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG CI EG LB MO TU. **AS:** AB AK AR AT CY GG IN IQ IS JO KI MG RU (WS) SY TD TM UZ.

Ref.: Cadan, 1999a (egg); Halászfy, 1958 (larva); Hinton, 1981 (egg); Lodos, 1964 (egg); Lupoli, 1990 (biol., tax.); Nuamah, 1982 (chrom.); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Genus *Asaroticus* Jakovlev, 1884

Asaroticus Jakovlev, 1884b: 227. Type species by monotypy: *Leprosoma solskyi* Jakovlev, 1874.

***Asaroticus ogloblini* Kiritshenko, 1926**

Asaroticus ogloblini Kiritshenko, 1926b: 10. HT: ♂, RU (ES), Buryatia, Verkhneudinsk; ZMAS.

Distr. AS: CH (NO) MG RU (ES WS).

***Asaroticus solskyi* (Jakovlev, 1873)**

Leprosoma solskyi Jakovlev, 1873: 42. LT (Derzhansky et al., 2002: 371): ♀, RU (ST), Astrakhan; ZMAS.

Distr. EU: RU (ST). **AS:** AK KI TD.

Note: The record from Inner Mongolia (Nonnaizab, 1984: 343) concerns *Asaroticus ogloblini* (see Nonnaizab, 1988: 93).

Genus *Crypsinus* Dohrn, 1860

Crypsinus Dohrn, 1860b: 101. Type species by monotypy: *Eusarcoris angustatus* Baerensprung, 1859.

***Crypsinus angustatus* (Baerensprung, 1859)**

Eusarcoris angustatus Baerensprung, 1859: 337. STS (see Deckert, 2001: 407): ♂, ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMHB.

Crypsinus jakowleffi Schouteden, 1905e: 20 (syn. Jakovlev, 1907: 214). For *Crypsinus angustatus* sensu Jakovlev, 1884b: 233. LT (Kerzhner, 2005: 73): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Distr. EU: AU BU EK HU IT MD RO RU (CT ST) SK UK YU. **AS:** AB AK RU (WS).

Ref.: Hinton, 1981 (egg); Putshkova, 1961 (egg).

Genus *Derula* Mulsant & Rey, 1856

Derula Mulsant & Rey, 1856: 123. Type species by monotypy: *Derula flavoguttata* Mulsant & Rey, 1856.

***Derula delagrangei* Puton, 1892**

Derula delagrangei Puton, 1892b: 25. HT: AT, Akbès [= Ekbaz]; MNHN.

Distr. AS: AT IN.

***Derula flavoguttata* Mulsant & Rey, 1856**

Derula flavoguttata Mulsant & Rey, 1856: 124. STS: ♂, ♀, FR, Si-Loup, nr Marseille; MNHN.

Graphosoma oculatum Baerensprung, 1858b: 203 (syn. Baerensprung, 1860: 2). LT (Deckert, 2001: 407): ♂, GR; ZMHB.

Distr. EU: AL AU BH BU CR ET FR GR HU IT MC RO RU (ST: Caucasus) SK SP UK YU. **AS:** AB AR AT GG.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

***Derula longipennis* Oshanin, 1871**

Derula longipennis Oshanin, 1871: 201. STS: ♂, ♀, UZ, nr Urgut and Gus, Provincia Sarafschanensi [= Samarqand Prov.]; ZMUM.

Distr. AS: KI TD UZ.

Ref.: Kiritshenko, 1952 (fig.), 1964 (fig.).

Genus *Graphosoma* Laporte, 1833

Graphosoma Laporte, 1833: 70. Type species by subsequent designation (Reuter, 1888a: 407): *Cimex nigrolineatus* Fabricius, 1781 (= *Cimex lineatus* Linnaeus, 1758).

Ref.: Safavi, 1974 (key); Wagner, 1956b (key).

***Graphosoma alkani* Lodos, 1959**

Graphosoma alkani Lodos, 1959a: 711. HT: ♂, AT, Diyarbakir; BMNH.

Distr. AS: AT.

***Graphosoma consimile* Horváth, 1903**

Graphosoma consimile Horváth, 1903c: 348. STS: ♂, ♀, GG (Tiflis [= Tbilisi, see note]), TM (Ashkhabad) and UZ (Tashkent); HNHM, MZHF.

Graphosoma consimile var. *personatum* Horváth, 1903c: 349. ST(S): ♂, GG, Tiflis [= Tbilisi] (see note); HNHM.

Graphosoma consimile var. *rubrum* Kiritshenko, 1914d: 181. LT (Derzhansky et al., 2002: 370): ♂, UZ, Samarkand Prov., Kshtut; ZMAS.

Distr. AS: AF AK AT GG? IN KI TD TM UZ.

Note: Kiritshenko (1964: 79) considered records from GG (Tbilisi) to be erroneous.

***Graphosoma creticum* Horváth, 1909**

Graphosoma creticum Horváth, 1909c: 147. STS: ♂, ♀, GR, Crete, Canée [= Khania]; HNHM.

Graphosoma creticum var. *hemistictum* Horváth, 1909c: 148. STS: ♂, ♀, GR, Crete; HNHM.

Distr. EU: ET GR (Crete). **AS:** AT.

***Graphosoma interruptum* A. White, 1839**

Graphosoma interruptum A. White, 1839: 541. ST(S): CI, Tenerife; BMNH.

Distr. NA: CI.

Ref.: Horváth, 1903c (descr.), 1909c (descr.).

Note: Horváth (1899b) placed this species as a junior synonym of *Graphosoma semipunctatum*. In fact, most subsequent workers referred to *interruptum* as a form or variety of *semipunctatum*. Recently, however, Wagner (1966c) and Heiss & Báez (1990) have upgraded it to full species.

***Graphosoma lineatum* (Linnaeus, 1758)**

Cimex lineatus Linnaeus, 1758: 442. ST(S): Mauritania [= NW Africa]; LSUK?

Cimex italicus O.F. Müller, 1766: 190 (syn. Puton, 1881b: 20). ST(S): IT; lost.

Cimex nigrolineatus Fabricius, 1781: 341. Unnecessary new name for *lineatus* Linnaeus, 1758.

Tetyra schangini Gebler, 1817: 323 (syn. Kolenati, 1846b: 17). STS: AK, East Kazakhstan Prov., Uba River; lost.

Scutellara lineata var. *flavipes* Mulsant & Rey, 1865: 99. For “*Graphosoma* [var.] *flavipes* Sign.” in Amyot, 1845: 412. ST(S): FR, Corsica.

Graphosoma lineatum var. *reductum* Horváth, 1901a: 470. HT: ♀, AT, Asia Minor, Jenidje-Kalé; MNMS.

Graphosoma italicum var. *ochraceum* Royer, 1923d: 519. HT: ♂, MC, Chalcidice, S of lake Bechikgoel, valley of Kotza-Dêré; MNHN.

Graphosoma italicum var. *obscurum* Štípánek, 1926: 111. HT: ♀, CZ, Nimá Strouha; NMPC.

Graphosoma italicum f. *soosi* Halászfy, 1953b: 486. HT: HU, Nyírség, Bátorliget; HNHM.

Graphosoma italicum var. *nigriscutellatum* Halászfy, 1955b: 367. HT: ♀, HU, Veszprém, Vászoly; HNHM.

Graphosoma italicum f. *flavolineatum* Halászfy, 1955b: 367. HT: ♀, HU, Budapest; HNHM.

Distr. EU: AL AU BE BH BU BY CR CZ DE EK EN ET FI FR GE GR HU IT LA LS LT LU MA MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU.
NA: AG EG MO TU. **AS:** AB AK AR AT CH (NW) GG IN IQ IS KI LE RU (ES WS) SY TD TM UZ.

Ref.: Candan & Suludere, 1999b (egg); Hinton, 1981 (egg); Lodos, 1986 (egg); Nuamah, 1982 (chrom.); Polivanova, 1956, 1964 (larva); Putshkova, 1961 (egg).

Note: Belke (1859) listed “var. *pallida*” as a descriptive rather than scientific name.

***Graphosoma melanoxanthum* Horváth, 1903**

Graphosoma melanoxanthum Horváth, 1903c: 349. STS: ♂, ♀, AB or AR (valley of Arax) and AT (Kasikoparan, Kulp); HNHM, MZHF.

Distr. EU: ET. **AS:** AB AR AT GG IN.

***Graphosoma rubrolineatum* (Westwood, 1837)**

Scutellera rubrolineata Westwood, 1837: 12. ST(S): Indonesia, Timor [in error]; OXUM.

Graphosoma crassa Motschulsky, 1861: 22 (syn. Horváth, 1897b: 693). LT (Kerzhner & Jansson, 1985: 42): ♀, JA; ZMUM.

Graphosoma italica (non O.F. Müller, 1766): Kirkaldy, 1910b: 108. Misidentification (see Esaki & Ishihara, 1951: 34).

Distr. AS: CH (CE NE NO SE SW) JA KO MG RU (FE).

Ref.: Kobayashi, 1965c (egg, larvae); Miyamoto & Hidaka, 1965 (fig.); Muramoto, 1973, 1976, 1982 (chrom.); Nuamah, 1982 (chrom.); Ren, 1992c (egg); Ren et al., 1990 (egg).

***Graphosoma semipunctatum* (Fabricius, 1775)**

Cimex semipunctatus Fabricius, 1775: 698. STS: “America” [in error?] and IT; ZMUC.

Graphosoma wilsoni A. White, 1839: 540 (syn. Dallas, 1851a: 51). ST(S): ♀?, IN; BMNH.

Scutellera semipunctata var. *persica* Ferrari, 1874: 120. ST(S): IN; MCSN.

Graphosoma semipunctatum var. *decipiens* Ferrari, 1892: 551. ST(S): IT, Genova; MCSN.

Graphosoma semipunctatum var. *pallidum* Bergevin, 1909: 45 (unavailable name as given to a “mutation”). ST(S): AG, Oran; MNHN.

Graphosoma semipunctatum var. *melanicum* Bergevin, 1909: 46 (unavailable name as

given to a “mutation”). ST(S): AG, Teniet-El-Haad; MNHN.
Graphosoma semipunctatum var. *subaequale* Horváth, 1909c: 145. STS: CR (Ragusa [= Dubrovnik] and Cirkvenica), FR (Marseille and Montpellier), IT (Genova), MO (Oudjda), SP (Ciudad Real), TU (Sfax) and UK (Theodosia); HNHM.
Graphosoma semipunctatum var. *anceps* Horváth, 1909c: 145. STS: IT (Genova), AB (Lenkoran) and IS (Kaïfa [= Haifa]); HNHM.
Graphosoma semipunctatum var. *furciferum* Royer, 1909b: 210. HT: FR, Bouches-du-Rhône, Les Martigues; MNHN.
Graphosoma semipunctatum var. *incompletum* J.M. Fuente, 1918: 236. STS: SP, Pozuelo; MNMS.
Graphosoma semipunctatum ab. *uniseriatum* J.M. Fuente, 1925: 517 (unavailable name). ST(S): SP, Pozuelo; MNMS.
Graphosoma semipunctatum f. *contexta* Hoberlandt, 1939: 59. HT: ♂, BU, Kresno Gorge; NMPC.
Graphosoma semipunctatum f. *confluens* Hoberlandt, 1939: 59. STS: ♂, ♀, SP, Elche; NMPC.
Graphosoma semipunctatum f. *balcanica* Hoberlandt, 1939: 59. HT: ♂, BU (east), Sv. Vlas; NMPC.
Graphosoma semipunctatum f. *confuta* Hoberlandt, 1939: 60. HT: ♀, IN, Keredj; NMPC.
Distr. EU: AL BH BU CR ET FR GR IT MC PO RO RU (ST: Caucasus) SL SP SZ UK YU. **NA:** AG LB MO TU. **AS:** AB AF? AR AT CY GG IN IQ SY TM.
Ref.: Candan, 1999b (egg); Halászfy, 1958 (larva); Hinton, 1981 (egg); Lodos, 1964 (egg); Nuamah, 1982 (chrom.); Polivanova, 1964 (larva).

***Graphosoma stali* Horváth, 1881**

Graphosoma lineata var. *d* Stål, 1876: 31.
Graphosoma lineatum var. *stali* Horváth, 1881: 39 (upgraded by Puton, 1896: 234).
 STS: ♂, ♀, AT, “Asia Minor”; HNHM.
Distr. AS: AT IN IQ SY.

Genus *Hybocoris* Kiritshenko, 1913

Hybocoris Kiritshenko, 1913: 300. Type species by original designation: *Hybocoris brachypterus* Kiritshenko, 1913.

***Hybocoris brachypterus* Kiritshenko, 1913**

Hybocoris brachypterus Kiritshenko, 1913: 301. LT (Derzhansky et al., 2002: 366): ♂, UZ, Schirabad; ZMAS.
Distr. AS: TD TM UZ.
Ref.: Kerzhner, 2003a (distr.).

Genus *Leprosoma* Baerensprung, 1859

Leprosoma Baerensprung, 1859: 336. Type species by monotypy: *Leprosoma inconspicuum* Baerensprung, 1859.
Leprosomatessa Kirkaldy, 1909b: 225. Unnecessary new name for *Leprosoma* Baerensprung, 1859.
Note: Kirkaldy (1909b) thought that *Leprosoma* Baerensprung, 1859 was a junior primary homonym of *Leprosoma* Dejean, 1837. Both Horváth (1911c) and Oshanin (1911), however, showed that *Leprosoma* Dejean, 1837 is a nomen nudum.

***Leprosoma inaequale* Horváth, 1911**

Leprosoma inaequale Horváth, 1911c: 577. ST(S): ♀, AB or AR, Valey of Arax; HNHM.

Distr. AS: AB AR AT IN IS JO SY.

***Leprosoma inconspicuum* Baerensprung, 1859**

Leprosoma inconspicuum Baerensprung, 1859: 337. ST(S): RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMHB (1 male ST).

Leprosoma carinatum Montandon, 1895: 158 (syn. Kis, 1984: 110). ST(S): RO, Plăinești; MGAB.

Distr. EU: AL BU EK FR GR IT MC MD PO RO RU (ST) SP SV UK. **NA:** AG.

AS: AB AK AR AT GG IN IQ KI RU (WS).

Ref.: Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

***Leprosoma olcesii* Fairmaire, 1886**

Leprosoma olcesii Fairmaire, 1886: 354 (syn. Puton, 1886a: 7, with *reticulatum*; restored by Horváth, 1911c: 578). ST(S): MO; MNHN, MZHF?

Distr. NA: MO.

***Leprosoma reticulatum* (Herrich-Schaeffer, 1851)**

Trigonosoma reticulatum Herrich-Schaeffer, 1851: 332. HT: ♀, EG; lost.

Distr. NA: EG LB MO. **AS:** IN IS SY. **EL:** Mauritania.

***Leprosoma stali* Douglas & Scott, 1868**

Leprosoma stali Douglas & Scott, 1868b: 29 (syn. Horváth, 1903a: 556, with *reticulatum*; restored by Horváth, 1911c: 578). HT: ♀, IS, road from Jerusalem to Nablus; BMNH.

Distr. NA: EG. **AS:** AB AR AT CY IN IQ IS SY.

***Leprosoma tuberculatum* Jakovlev, 1874**

Leprosoma tuberculatum Jakovlev, 1874a: 53. HT: ♂, RU (ST), Astrakhan Prov., Bogdo Hill; ZMAS.

Leprosoma turkestanicum Zolotov, 1928: 39 (syn. Kerzhner, 1964a: 366). LT (Derzhansky et al., 2002: 371): ♂, UZ, Bukhara Distr., Karaul-Bazar; ZMAS.

Distr. EU: EK RU (ST). **AS:** AF AK AR AT CH (NW) IN KI TD TM UZ.

Genus *Oplistocheilus* Jakovlev, 1887

Oplistocheilus Jakovlev, 1887: 303. Type species by monotypy: *Oplistocheilus pallidus* Jakovlev, 1887.

Ref.: Schouteden, 1905e (descr., key).

***Oplistocheilus pallidus* Jakovlev, 1887**

Oplistocheilus pallidus Jakovlev, 1887: 305. LT (Derzhansky et al., 2002: 369): ♂, UZ, Tashkent; ZMAS.

Distr. AS: KI TD TM UZ.

***Oplistocheilus subcarinatus* Hoberlandt, 1984**

Oplistocheilus subcarinatus Hoberlandt, 1984: 76. HT: ♂, AF, Tangi Saidan, 30 km W of Kabul; NMPC.

Distr. AS: AF.

Genus *Putonia* Stål, 1872

Putonia Stål, 1872d: 57. Type species by monotypy: *Putonia torrida* Stål, 1872.

***Putonia asiatica* Jakovlev, 1885**

Putonia asiatica Jakovlev, 1885a: 108. LT (Derzhansky et al., 2002: 366): ♂, TM, Ashkhabad; ZMAS.

Distr. EU: EK. **AS:** AB AF AK AR CH (NW) IN KI SY TD TM UZ. **EL:** Pakistan.

***Putonia torrida* Stål, 1872**

Putonia torrida Stål, 1872d: 57. ST(S): ♂, AG; MNHN.

Distr. EU: SP. **NA:** AG EG LB MO TU. **AS:** IS JO SY.

Genus *Sternodontus* Mulsant & Rey, 1856

Sternodontus Mulsant & Rey, 1856: 119. Type species by monotypy: *Sternodontus obtusus* Mulsant & Rey, 1856.

Ref.: Halászfy, 1956 (tax.); Schouteden, 1905e (descr., key).

***Sternodontus ampliatus* Jakovlev, 1887**

Sternodontus ampliatus Jakovlev, 1887: 300. LT (Derzhansky et al., 2002: 365): ♂, AB, Nakhichevan Prov., Ordubad; ZMAS.

Distr. AS: AB AT IN KI TD TM UZ.

Ref.: Halászfy, 1956 (key, tax.).

***Sternodontus binodulus* Jakovlev, 1893**

Sternodontus similis (non Stål, 1854): Jakovlev, 1884b: 213. Misidentification (see Jakovlev, 1893: 286).

Sternodontus binodulus Jakovlev, 1893: 286. For *Sternodontus similis* sensu Jakovlev, 1884. LT (Derzhansky et al., 2002: 366): ♂, RU (ST), Astrakhan Prov., Bol'shoe Bogdo Hill; ZMAS.

Sternodontus hungaricus Halászfy, 1956: 184 (syn. Kondorosy, 1999: 146). HT: ♀, HU, Pótharasztpuszta, between the Danube and the Tisza, about 60 km SE Budapest; HNHN.

Distr. EU: EK HU RU (ST). **AS:** AK RU (ES WS).

Ref.: Kerzhner, 1964a (tax.); Petrova, 1975 (fig., key).

Note: Kulik (1965) considered *Sternodontus binodulus* a synonym of *Sternodontus similis*, but according to Petrova (1975: 149) they are different species.

***Sternodontus contestor* Kiritshenko, 1966**

Sternodontus contestor Kiritshenko, 1966: 799. HT: ♀, IN, N foothills of the Kuh-e Taftan, Sarhad; ZMAS.

Distr. AS: IN.

***Sternodontus obtusus* Mulsant & Rey, 1856**

Sternodontus obtusus Mulsant & Rey, 1856: 120. STS: ♂, ♀, FR, nr Marseille; MNHN.

Ancyrosoma obtusangula Fieber, 1861: 373 (syn. Fieber, 1861: 397). STS: FR, Hyères; MNHN.

Sternodontus obtusus var. *debilicostis* Puton, 1884b: 85 (upgraded to species by Puton, 1885b: 356; syn. V.G. Putshkov, 1961: 179). ST(S): IT, Goritz [= Gorizia]; MNHN.

Distr. EU: BE BH BU CR FR HU IT SK? SL UK YU. **NA:** EG?

Ref.: Hinton, 1981 (egg).

Note: The record from EG (Halászfy, 1959) needs confirmation.

***Sternodontus similis* (Stål, 1854)**

Ancyrosoma simile Stål, 1854a: 232. ST(S): RU (ES), "Dauria" [= Transbaikalia]; NHRS.

Sternodontus purpureus Reuter, 1879a: 47 (syn. Kerzhner, 1964a: 366). ST(S): ♂, RU (ES), Irkutsk?; UZMT.

Sternodontus similis var. *ehnbergi* Reuter, 1891a: 175, 202. ST(S): RU (ES), Krasnoyarsk Terr., Ozna-chennaya; MZHF.

Distr. AS: CH (NO) MG RU (ES WS).

Ref.: Halászfy, 1956 (key); Nonnaizab, 1988 (distr.).

Genus *Tholagmus* Stål, 1860

Tholagmus Stål, 1860c (Oct.): 276. Type species by original designation: *Cimex flavolineatus* Fabricius, 1798.

Stiraspis Fieber, 1860 (Nov.): 84 (syn. Fieber, 1861: 396). Type species by subsequent monotypy (Fieber, 1861: 371): *Cimex flavolineatus* Fabricius, 1798.

Ref.: Kerzhner, 2005 (nomencl.); Linnavuori, 1984 (key); Schouteden, 1905e (descr., key).

Tholagmus acutangulus Linnavuori, 1984

Tholagmus acutangulus Linnavuori, 1984: 7. HT: ♂, IN, Makran, Madyle, Kuche; ZMAS.

Distr. AS: IN.

Tholagmus breviceps Jakovlev, 1883

Tholagmus breviceps Jakovlev, 1883b: 14. LT (Derzhansky et al., 2002: 366): ♂, AK, Wernoi [= Alma-Ata]; ZMAS.

Tholagmus nigricornis Reuter, 1900c: 220 (syn. Linnavuori, 1984: 6). STS: TD (Sokh) and AK (Beklyarbek, Maukent, Lisitsino); MZHF.

Distr. AS: AF AK IN KI TD TM UZ.

Ref.: Gidayatov, 1982 (key).

Note: There is some confusion concerning whether the actual type locality for *Tholagmus breviceps* is as listed above (as cited in the publication) or whether it is in UZ, Tashkent as listed on the specimen labels (see Derzhansky et al., 2002: 366).

Tholagmus chobauti Puton, 1898

Tholagmus chobauti Puton, 1898: 166. STS: AG, Ghardaïa, Biskra (MNHN) and EG (RMNH).

Distr. NA: AG EG LB MO TU. **AS:** IS SA SY.

Tholagmus enkidu Linnavuori, 1984

Tholagmus enkidu Linnavuori, 1984: 6. HT: ♂, IQ, Ninawa, Mosul; AMNH.

Distr. AS: IN IQ.

Tholagmus flavolineatus (Fabricius, 1798)

Cimex flavolineatus Fabricius, 1798: 529. STS: FR and “AU” (old borders); ZMUC.

Tholagmus confinis Horváth, 1898a: 67 (syn. Linnavuori, 1984: 6). ST(S): ♀, AK, “Steppe des Khirgis”; MNHN.

Distr. EU: BH BU CR EK ET FR GR IT MC PO RO RU (ST) SL SP UK YU. **NA:** AG EG LB MO TU. **AS:** AB AF AR AK AT CH (NW) CY GG IN IS LE MG. **EL:** Pakistan.

Ref.: Lodos, 1964, 1986 (egg); Polivanova, 1964 (larva).

Tholagmus strigatus (Herrich-Schaeffer, 1835)

Tetyra strigata Herrich-Schaeffer, 1835c: pl. 1 and legend. STS: GE [in error] and PO; ZMHB?

Stiraspis sardoa A. Costa, 1882: 26, 38 (syn. Horváth, 1897a: 91). LT (Carapezza et

al., 1995: 291): ♀, IT, Sardinia, Cagliari; ZIUN.
Distr. EU: IT PO SP. **NA:** MO TU.

Genus *Tshingisella* Kiritshenko, 1913

Tshingisella Kiritshenko, 1913: 298. Type species by original designation: *Tshingisella bella* Kiritshenko, 1913.

***Tshingisella bella* Kiritshenko, 1913**

Tshingisella bella Kiritshenko, 1913: 299. LT (Derzhansky et al., 2002: 366): ♂, UZ, Derbent; ZMAS.

Distr. AS: AB AR AT IN IQ SY TD TM UZ.

Ref.: Kiritshenko, 1938b (fig.).

***Tshingisella robusta* Linnavuori, 1960**

Tshingisella robusta Linnavuori, 1960: 8. HT: ♀, IS, Jerusalem; UZMH.

Distr. AS: IS SY.

Genus *Ventocoris* Hahn, 1834

Trigonosoma Laporte, 1833: 69 (as subgenus of *Eurygaster*; upgraded by Burmeister, 1835: 388; junior homonym of *Trigonosoma* Gray, 1832, Diptera). Type species by monotypy: *Cimex nigellae* Fabricius, 1787.

Ventocoris Hahn, 1834: 35 (syn. Spinola, 1850: 28). Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Cimex nigellae* Fabricius, 1787 (= *Cimex rusticus* Fabricius, 1781). See note under *Ventocoris nigellae*.

Glypheria Mulsant & Rey, 1866: 372 (syn. Walker, 1867b: 64, with *Trigonosoma*). Type species by monotypy: *Cimex aeruginosus* Cyrillus, 1791 (= *Cimex rusticus* Fabricius, 1781).

Ref.: Horváth, 1889d, 1907a (tax.; as *Trigonosoma*).

Subgenus *Ventocoris* Hahn, 1834

***Ventocoris advena* (Horváth, 1896)**

Trigonosoma rusticum var. *advena* Horváth, 1896b: 231 (upgraded by Horváth, 1907a: 292). STS: Turkestan; HNHN.

Distr. AS: AK IN KI TD TM UZ.

***Ventocoris horvathi* (Puton, 1896)**

Trigonosoma horvathi Puton, 1896: 232. ST(S): ♂, AT, Akbès [= Ekbaz]; MNHN.

Distr. AS: AR AT IN IQ SY.

***Ventocoris nigellae* (Fabricius, 1787)**

Cimex nigellae Fabricius, 1787: 280. STS: “Barbaria” [= NW Africa]; ZMUC.

Trigonosoma rusticum var. *anticum* Puton, 1896: 233 (syn. Horváth, 1907a: 291).

STS: TU (Kessera) and AG (Sebdou); MNHN.

Distr. NA: AG LB MO TU.

Note: Fabricius (1787) proposed *C. nigellae* as a replacement name for *C. rusticus*, but with different material. Horváth (1907a) and subsequent authors used the names for two different species. This use is retained here, but it requires validation under the plenary powers by the International Commission on Zoological Nomenclature.

***Ventocoris ramburi* (Horváth, 1907)**

Tetyra nigellae (non Fabricius, 1787): Rambur, 1838: 96. Misidentification (see Horváth, 1907a: 289).

Trigonosoma ramburi Horváth, 1907a: 289. STS: ♂, ♀, SP, Madrid, Cuenca, Pozuelo de Calatrava and Malaga; HNHM.

Ventocoris rusticus (non Fabricius, 1781): Seabra, 1924: 10. Misidentification (see Seabra, 1926b: 13).

Distr. EU: PO SP.

***Ventocoris rusticus* (Fabricius, 1781)**

Cimex rusticus Fabricius, 1781: 339. STS: IT; lost.

Cimex flavipes Villers, 1789: 483 (syn. Reuter, 1888a: 87). ST(S): FR, Nemausus [= Nîmes]; lost.

Cimex aeruginosus Cyrillus, 1791: pl. 6, fig. 3 and legend (syn. Reuter, 1888a: 87). ST(S): IT, nr Naples; lost.

Distr. EU: AL BH CR FR GR IT MA MC PO YU.

***Ventocoris trigonus* (Krynicky, 1871)**

Trigonosoma nigellae (non Fabricius, 1787): Kolenati, 1846b: 15; Gorski, 1852: 46. Misidentification (see Oshanin, 1906: 54).

Trigonosoma aeruginosum (non Cyrillus, 1791): Baerensprung, 1860: 1. Misidentification (see Horváth, 1901a: 470).

Scutellera trigona Krynicky in Ivanov & Chernay, 1871: 74. ST(S): UK, Chersones [= Crimea]; UCCU.

Trigonosoma aeruginosus (non Cyrillus, 1791): Jakovlev, 1882b: 144; Puton, 1886a: 7. Misidentification (see Horváth, 1901a: 470; Oshanin, 1906: 54).

Distr. EU: AL AU BU EK ET GR HU MA MC MD RO RU (ST) SK UK YU.

AS: AB AR AT CY GG IN SY.

Ref.: Halászfy, 1958 (larva); Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Subgenus *Proselenodera* Popov, 1964

Proselenodera Popov, 1964: 697 (as subgenus of *Trigonosoma*). Type species by original designation: *Trigonosoma frater* Popov, 1964.

***Ventocoris frater* (Popov, 1964)**

Trigonosoma (*Proselenodera*) *frater* Popov, 1964: 697. HT: ♂, KI, nr Jalal-Abad; ZMAS.

Distr. AS: KI.

Subgenus *Selenodera* Horváth, 1889

Selenodera Horváth, 1889d: 37 (as subgenus of *Trigonosoma*). Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Trigonosoma obesum* Stål, 1865.

Astirocoris Jakovlev, 1894: 130 (syn. Kiritshenko, 1913: 296, see note). Type species by monotypy: *Astirocoris intermittens* Jakovlev, 1893 (= *Ventocoris cribrosus* Horváth, 1889).

Paraselenodera Schouteden, 1905e: 11, 12 (as subgenus of *Trigonosoma*; syn. Kiritshenko, 1964: 74; see note). Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Trigonosoma carinatum* Jakovlev, 1887 (= *Ventocoris tataricus* Kirkaldy, 1909).

Note: Kiritshenko (1913) placed *Astirocoris intermittens*, the type species of *Astirocoris*, as a junior synonym of *Ventocoris cribrosus*, a species generally accepted as belonging in the subgenus *Selenodera*. This effectively made *Astirocoris* a synonym of *Selenodera*. Kiritshenko (1964) treated *Ventocoris tataricus*, the type species of

subgenus *Paraselenodera*, as a member of the subgenus *Selenodera*, effectively synonymizing the two subgenera.

***Ventocoris achivus* (Horváth, 1889)**

Trigonosoma (*Selenodera*) *falcatum* var. *achivum* Horváth, 1889d: 44 (upgraded by Horváth, 1917b: 373). STS: ♂, ♀, GR, Attica, Athen, Piraeus, Parnassus, Morea, and Naxos; HNHN, MNHN?, MZHF, NHMW?

Distr. EU: GR. **NA:** EG. **AS:** AB AT CY IN IQ IS JO SI SY.

Ref.: Josifov, 1970 (fig.); Seidenstücker, 1964b (fig.).

***Ventocoris armeniacus* (Kiritshenko, 1938)**

Trigonosoma (*Selenodera*) *armeniaceum* Kiritshenko, 1938b: 115. HT: ♀, AB, Dzhagry, nr Dzhagry-tshaj River; ZMAS.

Distr. AS: AB AR AT IN.

***Ventocoris balassogloi* (Horváth, 1889)**

Trigonosoma (*Selenodera*) *falcatum* var. *balassogloi* Horváth, 1889d: 44. HT: ♂, AK, former Syr-Darja Prov.; HNHN.

Distr. AS: AK CH (NW) KI.

Ref.: Josifov, 1970 (fig.).

***Ventocoris bulbifer* Seidenstücker, 1964**

Ventocoris bulbifer Seidenstücker, 1964b: 98. HT: ♂, AT, Konya, nr Meram; ZSMC.

Distr. AS: AB AR AT.

Ref.: Gidayatov, 1982 (distr.).

***Ventocoris ceriferus* (Horváth, 1889)**

Trigonosoma (*Selenodera*) *ceriferum* Horváth, 1889d: 45. STS: ♂, ♀, UZ (Tashkent), TD (Khujand and mountains along Zeravshan River) and KI (Naryn); MZHF, ZMUM?

Distr. AS: AF AK IN KI TD TM UZ.

Ref.: Josifov, 1970 (fig.); Seidenstücker, 1964b (fig.).

***Ventocoris cribrosus* (Horváth, 1889)**

Trigonosoma (*Selenodera*) *cribrosus* Horváth, 1889d: 39. STS: ♂, ♀, AK, “Turkestan: provincia Semiretschje”; HNHN, MZHF, ZMUM?

Astirocoris intermittens Jakovlev, 1894: 132 (syn. Kiritshenko, 1913: 296). LT (Derzhansky et al., 2002: 366): ♂, AK, Tash-Suat [between Yanykurgan and Samran, Kzyl-Orda or Chimkent Prov.]; ZMAS.

Distr. AS: AK TM UZ.

Ref.: Ghauri, 1972 (fig.).

***Ventocoris falcatus* (Cyrillus, 1791)**

Cimex falcatus Cyrillus, 1791: pl. 6 fig. 9 and legend. ST(S): IT, nr Naples.

Cimex desfontainii Fabricius, 1794: 89 (syn. Gorski, 1852: 46). ST(S): “Barbaria”; ZMUC (name label not in Fabricius’ handwriting).

Trigonosoma bohemannii Dohrn, 1860b: 100 (syn. Horváth, 1889d: 42). HT: MO; ZMPA?

Trigonosoma (*Selenodera*) *falcatum* var. *reflexum* Horváth, 1889d: 43.

STS: ♂, ♀, FR (Montpellier), SP (Madrid) and IT (Sicily); HNHN, MNHN?, NHMW?

Trigonosoma (*Selenodera*) *falcatum* var. *orthoceras* Horváth, 1889d: 44. STS: ♂, ♀, IT, Palizzi and Sicily; NHMW? Museo Zoologico, Firenze, IT?

Distr. EU: FR IT SP. **NA:** AG LB MO TU.

Ref.: Josifov, 1970 (fig.).

Note: Records from GR, EG and AS refer to *V. achivus* (see Josifov, 1970).

***Ventocoris fischeri* (Herrich-Schaeffer, 1851)**

Trigonosoma fischeri Herrich-Schaeffer, 1851: 331. HT: ♂, EG; lost.

Trigonosoma baerensprungii Stål, 1860c: 277 (syn. Stål, 1865c: 84). STS: ♀, EG; NHRS.

Trigonosoma lehmanni Fieber, 1864a: 334 (syn. Reuter, 1881c: 164). ST(S): ♀ (see Horváth, 1889d: 41), UZ?, “Turkomanien”; NHMW.

Trigonosoma umbrosum Jakovlev, 1882b: 145 (syn. Horváth, 1889d: 40). LT (Derzhansky et al., 2002: 371): ♂, AB, Apsheron Peninsula; ZMAS.

Trigonosoma confusum W.F. Kirby, 1892: 77 (syn. Horváth, 1896b: 231). HT: ♀, probably EG; BMNH.

Distr. EU: FR PO. **NA:** EG. **AS:** AB AF AK AR AT IN IS SI SY TD TM UZ. **EL:** Sudan.

Ref.: Polivanova, 1964 (larva).

***Ventocoris halophilus* (Jakovlev, 1874)**

Trigonosoma halophila Jakovlev, 1874b: 232. LT (Derzhansky et al., 2002: 368): ♂, RU (ST), Astrakhan; ZMAS.

Distr. EU: EK RU (CT: Samara Prov. ST) UK. **AS:** AB AK AT CH (NW) KI RU (WS) SY TD UZ.

Ref.: Ghauri, 1972 (fig.); Putshkova, 1961 (egg); Schouteden, 1905e (fig.).

***Ventocoris martini* (Horváth, 1889)**

Trigonosoma (Selenodera) modestum var. *martini* Horváth, 1889d: 48 (upgraded by Puton, 1892b: 32). STS: ♂, ♀, AG (Kef-el-Dor and Ouled-Autrem) and AB (Ordubad); HNHM, MNHN?

Distr. NA: AG EG LB MO TU. **AS:** AB AR IN IS KU SA UZ.

***Ventocoris modestus* (Jakovlev, 1880)**

Trigonosoma modestum Jakovlev, 1880a: 207. LT (Derzhansky et al., 2002: 369): ♀, IN, Shahrud; ZMAS.

Distr. NA: AG CI EG MO. **AS:** IN IQ IS.

***Ventocoris obesus* (Stål, 1865)**

Trigonosoma obesum Stål, 1865c: 84. ST(S): ♂, EG; NHRS.

Trigonosoma (Selenodera) obesum var. *humerales* Horváth, 1889d: 38. ST(S): ♂, EG, Cairo; MNHN?

Distr. NA: AG EG TU. **AS:** IQ IS SI SA.

***Ventocoris oblongus* (Horváth, 1889)**

Trigonosoma oblongum Horváth, 1889d: 49. ST(S): ♀, AB, Ordubad; HNHM?

Distr. AS: AB AR IN.

***Ventocoris obtusus* Horváth, 1911**

Ventocoris obtusus Horváth, 1911c: 576. HT: ♀, EG, Tel-Kibir; HNHM.

Distr. NA: EG. **EL:** Sudan.

***Ventocoris oschanini* (Horváth, 1889)**

Trigonosoma oschanini Horváth, 1889d: 47. ST(S): ♂, TD, Khodschent [= Khujand]; ZMUM?

Distr. AS: IN TD UZ.

***Ventocoris philalyssum* (Kiritshenko, 1916)**

Trigonosoma (Selenodera) philalyssum Kiritshenko, 1916b: 90. LT (Derzhansky et al., 2002: 370): ♂, UK, Krim, Limeny; ZMAS.

Distr. EU: UK YU (Serbia).

Ref.: Hinton, 1981 (egg); Kerzhner & Jaczewski, 1964 (key); Putshkova, 1961 (egg, fig.).

***Ventocoris productus* (Jakovlev, 1885)**

Trigonosoma productum Jakovlev, 1885a: 106. LT (Derzhansky et al., 2002: 370): ♂, TM, Ashkhabad; ZMAS.

Distr. AS: AK TD TM UZ.

Ref.: Ghauri, 1972 (fig.).

***Ventocoris putoni* (Jakovlev, 1877)**

Trigonosoma putoni Jakovlev, 1877a: 75. LT (Derzhansky et al., 2002: 370): ♂, IN, Shahrud; ZMAS.

Trigonosoma stali Reuter, 1881c: 155 (syn. Horváth, 1889d: 46). ST(S): IN, Shahrud; NHRS.

Distr. AS: IN.

Ref.: Seidenstücker, 1964b (fig.).

***Ventocoris tataricus* Kirkaldy, 1909**

Trigonosoma carinatum Jakovlev, 1887: 298 (junior primary homonym of *Trigonosoma carinatum* Germar, 1838). LT (Derzhansky et al., 2002: 366): ♂, UZ, Tashkent; ZMAS.

Ventocoris tataricus Kirkaldy, 1909b: 369. New name for *carinatum* Jakovlev, 1887.

Trigonosoma taurus Akramovskaya, 1957: 93 (syn. V.G. Putshkov, 1967: 80). HT: AR, between Nor-Aresh and Sovetashen [= Nubarashen], nr Yerevan; Institute of Zoology, Yerevan, AR.

Distr. AS: AK AR KI TD TM UZ. **EL:** Pakistan.

Ref.: Josifov, 1970 (fig.); Polivanova, 1964 (larva).

Note: Josifov (1970) suspected that *V. taurus* is a separate subspecies.

Genus *Vilpianus* Stål, 1860

Vilpianus Stål, 1860c (Oct.): 277. Type species by original designation: *Cimex galii* Wolff, 1802.

Acroplax Fieber, 1860 (Nov.): 85 (syn. Fieber, 1861: 396). Type species by subsequent monotypy (Fieber, 1861: 372): *Cimex galii* Wolff, 1802.

Ref.: Kerzhner, 2005 (nomencl.).

***Vilpianus galii* (Wolff, 1802)**

Cimex galii Wolff, 1802: 97. ST(S): IT; lost.

Vilpianus galii var. *pictavicus* Gelin, 1919: 255. HT: FR, Romagne, nr Niort; MNHN.

Vilpianus galii var. *algeriensis* Bergevin, 1920: 102. HT: AG, Mouzaïa Mts; MNHN.

Distr. EU: AL AU BH BU CR CZ EK ET FR HU IT MC MD PL PO RO RU (CT: Samara Prov. ST) SK SL SP UK YU. **NA:** AG. **AS:** AB AK AR AT CY IN KI SY TM UZ.

Ref.: Hinton, 1981 (egg); Polivanova, 1964 (larva); Putshkova, 1961 (egg).

Tribe PODOPINI Amyot & Serville, 1843

Genus *Aspidestrophus* Stål, 1854

Aspidestrophus Stål, 1854a: 232. Type species by monotypy: *Aspidestrophus morio* Stål, 1854.

Aspidestrophus lineola Vollenhoven, 1863

Aspidestrophus lineola Vollenhoven, 1863: 44 (syn. Stål, 1876: 34, with *morio*; restored by Distant, 1902a: 80). STS: ♂, ♀, Indonesia, Borneo; RMNH.

Distr. AS: CH (SE). **EL:** Oriental Region.

Ref.: Z.Y. Chen, 1988 (distr.).

Aspidestrophus morio Stål, 1854

Aspidestrophus morio Stål, 1854a: 232. ST(S): Indonesia, Java; NHRS.

Distr. AS: CH (SE) TA. **EL:** Oriental Region.

Genus *Melanophara* Stål, 1868

Melanophara Stål, 1868b: 503. Type species by subsequent monotypy: *Melanophara dentata* Haglund, 1868.

Melanophara dentata Haglund, 1868

Melanophara dentata Haglund, 1868: 152. ST(S): ♀, Burma, Rangoon; NHRS.

Distr. AS: CH (CE SE). **EL:** Burma, India.

Ref.: Lin & Zhang, 1993a (descr., fig.).

Genus *Podops* Laporte, 1833

Podops Laporte, 1833: 72. Type species by subsequent designation (Westwood, 1840a: 124): *Cimex inunctus* Fabricius, 1775.

Ref.: Distant, 1902a (key); Schouteden, 1905e (key).

Subgenus *Podops* Laporte, 1833

Podops calligerus Horváth, 1887

Podops (Podops) calligera Horváth, 1887c: 253. HT: ♀, FR, Villechétif marsh, nr Troyes; MNHN.

Distr. EU: FR IT.

Podops inunctus (Fabricius, 1775)

Cimex inunctus Fabricius, 1775: 700. STS: GB, “Anglia”; ZMUC.

Distr. EU: AU BE BH BU BY CR CZ DE FR GB GE HU IT LA? LT LU MC MD NL PL PO RO RU (CT : Kaliningrad Prov.) SK SL SP SV SZ UK YU. **NA:** AG.

Ref.: Derzhansky, 2000 (key); Hinton, 1981 (egg); Nuamah, 1982 (chrom.); Putshkova, 1961 (egg); Woodward, 1949 (egg).

Note: According to Derzhansky (2000), records from EN, LA, RU (ST), AB and “Siberia” are doubtful or erroneous.

Podops retowskii Horváth, 1883

Podops (Podops) retowskii Horváth, 1883b: 137. STS: ♂, ♀, UK, Krim [= Crimea], Theodosia [= Feodosiya].

Distr. EU: RU (ST: Caucasus) UK. **AS:** AB AR.

Ref.: Derzhansky, 2000 (key).

Subgenus *Opocrates* Horváth, 1883

Opocrates Horváth, 1883b: 161 (as subgenus of *Podops*). Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Podops curvidens* A. Costa, 1843.

***Podops annulicornis* Jakovlev, 1877**

Podops annulicornis Jakovlev, 1877b: 280. LT (Derzhansky et al., 2002: 365): ♂, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Distr. EU: RU (ST). **AS:** AB AK.

Ref.: Derzhansky, 2000 (key); Gidayatov, 1982 (fig., key).

***Podops curvidens* A. Costa, 1843**

Podops curvidens A. Costa, 1843: 68. STS: ♂, ♀, IT, nr Naples; MZHF.

Podops (Opocrates) dalmatina Horváth, 1883b: 162 (syn. Horváth, 1917b: 373). STS: ♂, ♀, CR, Almissa [= Omiš].

Distr. EU: AL AU BH CR CZ FR GR HU IT MC RO SK YU.

Ref.: Derzhansky, 2000 (key).

***Podops rectidens* Horváth, 1883**

Podops rectidens Horváth, 1883b: 164. STS: ♂, ♀, RO (Dobrudscha [= Dobruja]) and GR; MNHN?

Podops (Opocrates) incerta Horváth, 1883b: 163 (syn. Josifov, 1986a: 89). HT: ♀, RU (ST), Astrakhan; MNHN?

Podops (Opocrates) gemellata Horváth, 1891a: 77 (syn. Derzhansky, 2000: 47). STS: ♂, ♀, AB, Ordubad; HNHN.

Distr. EU: AL BH BU GR HU RO RU (ST) UK YU. **AS:** AB AT CY GG SY.

Ref.: Derzhansky, 2000 (key).

Note: Traditionally, *P. rectidens* and *P. incertus* have been recognized as two valid species; Western European workers recognized *P. rectidens* while Russian workers recognized *P. incertus*. Both Josifov (1986a) and Derzhansky (2000) treated these two species as synonyms (Josifov used *rectidens* as senior synonym, Derzhansky used *incertus*). Josifov (1986a) was the first revisor, and he selected *P. rectidens*.

Subgenus *Petalodera* Horváth, 1883

Petalodera Horváth, 1883b: 138 (as subgenus of *Podops*). Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Podops buccata* Horváth, 1883.

Ref.: Schouteden, 1905e (key).

***Podops buccatus* Horváth, 1883**

Podops (Petalodera) buccata Horváth, 1883b: 138. HT: ♂, AG, Bousaada; MNHN?

Distr. NA: AG TU.

***Podops dilatatus* Puton, 1873**

Podops dilatata Puton, 1873: 12. HT: SP, Madrid; MNHN.

Distr. EU: IT PO SP.

***Podops tangirus* (Fabricius, 1803)**

Tetyra tangira Fabricius, 1803: 138. ST(S): MO, Tanger; ZMUC.

Distr. NA: AG MO TU.

Genus *Scotinophara* Stål, 1868

Scotinophara Stål, 1868b: 502. Type species by subsequent designation (Schouteden, 1903: 121): *Podops fibulatus* Germar, 1839, Africa.

Ref.: Lin & Zhang, 1993a (key); Schouteden, 1905e (descr., key).

***Scotinophara bispinosa* (Fabricius, 1798)**

Cimex bispinosus Fabricius, 1798: 529. STS: MO [in error] and India (Tranquebar); ZMUC.

Distr. AS: CH (SE). **EL:** India, Sri Lanka.

***Scotinophara coarctata* (Fabricius, 1798)**

Cimex coarctatus Fabricius, 1798: 530. STS: India, Tranquebar; ZMUC.

Podops spinosus Walker, 1867b: 73 (syn. Distant, 1899c: 52). STS: Malaysia, Penang [= Pinang] and from unknown locality; BMNH.

Podops nasalis Walker, 1867b: 73 (syn. Distant, 1899c: 52). HT: Siam [= Thailand]; BMNH.

Podops exactus Walker, 1867b: 74 (syn. Distant, 1899c: 52). HT: locality unknown; BMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Scotinophara cornuta* Horváth, 1883**

Scotinophara sicula var. *cornuta* Horváth, 1883b: 167 (upgraded by Schouteden, 1903: 124). HT: ♂, Sudan, southern part of Sennar; NHMW.

Distr. AS: YE. **EL:** tropical Africa.

***Scotinophara horvathi* Distant, 1883**

Scotinophara vermiculata (non Vollenhoven, 1863): Horváth, 1879: 143.

Misidentification (see Distant, 1883: 421).

Scotinophora [sic] *horvathi* Distant, 1883: 421. ST(S): JA, Yokohama; BMNH.

Distr. AS: CH (CE SE SW WP) JA KO.

Ref.: Kim & Lee, 1994 (spermatheca); Kobayashi, 1963 (egg, larva); Ren, 1992c (egg).

***Scotinophara limosa* (Walker, 1867)**

Podops limosus Walker, 1867b: 72. HT: India, Hindostan; BMNH.

Distr. AS: CH (SW). **EL:** Burma, India, Pakistan.

***Scotinophara lurida* (Burmeister, 1834)**

Tetyra lurida Burmeister, 1834a: 288. ST(S): CH (SE), Guangdong, nr Canton [= Guangzhou]; MLUH.

Distr. AS: CH (CE NO SE SW) JA KO TA. **EL:** Oriental Region.

Ref.: Kobayashi, 1963 (egg, larva); Matsumura, 1932 (fig.); Miyamoto & Hidaka, 1965 (fig.); Zhang, 1985 (egg, larva).

***Scotinophara malayensis* (Distant, 1903)**

Podops malayensis Distant, 1903a: 229. STS: Malaysia, Malaya, Perak, Bidor and Sungkei; BMNH.

Distr. AS: TA. **EL:** Malaysia.

***Scotinophara nigra* (Dallas, 1851)**

Podops niger Dallas, 1851a: 53. ST(S): “East Indies?”; BMNH.

Distr. AS: CH (CE). **EL:** India.

Note: Tang (1935) listed this species from Soochow, CH; I have not been able to locate the source of this record, nor has there been any report of this species from CH since. Hoffmann (1948) questioned the validity of the Chinese record.

***Scotinophara obscura* (Dallas, 1851)**

Podops obscurus Dallas, 1851a: 52. ST(S): Burma, Tenasserim; BMNH.

Distr. AS: CH (CE). **EL:** Oriental Region.

***Scotinophara parva* Yang, 1934**

Scotinophara parva Yang, 1934c: 87. HT: ♂, CH (CE), Jiangxi, Kwanvon; Fan Institute, Beijing, CH?

Distr. AS: CH (CE) JA (Ryukyus).

***Scotinophara scottii* Horváth, 1879**

Scotinophara tarsalis Scott, 1874: 292 (junior secondary homonym of *Podops tarsalis* Vollenhoven, 1863). STS: JA, BMNH.

Scotinophara scottii Horváth, 1879: 144. New name for *tarsalis* Scott, 1874.

Stortheconis nigriceps (non Horváth, 1883): Shiraki, 1913a: 195. Misidentification (see Esaki, 1926a: 145).

Dybowskyia reticulata (non Dallas, 1851): Kato, 1933: 5. Misidentification (see Kiritshenko, 1961: 444).

Distr. AS: CH (CE SE SW WP) JA KO TA.

Ref.: Kobayashi, 1963 (egg, larva).

***Scotinophara scutellata* Scott, 1880**

Scotinophara scutellata Scott, 1880: 307. HT: JA, BMNH.

Distr. AS: JA. **EL:** India, Pakistan, Sri Lanka.

***Scotinophara serrata* (Vollenhoven, 1863)**

Podops serratus Vollenhoven, 1863: 42. STS: ♂, ♀, Indonesia, Borneo and Celebes; RMNH.

Distr. AS: CH (SW). **EL:** Oriental Region.

***Scotinophara sicala* (A. Costa, 1842)**

Podops sicalus A. Costa, 1842b: 301. ST(S): IT, Sicily, Palermo.

Distr. EU: FR MA IT. **NA:** EG. **EL (introduced):** Virgin Islands (St. Croix).

***Scotinophara subalpina* (Bergroth, 1893)**

Podops horvathi Fokker, 1893: 16 (junior secondary homonym of *Scotinophara horvathi* Distant, 1883). HT: ♀, IT, Bozen [= Bolzano]; RMNH.

Podops subalpina Bergroth, 1893: 153. New name for *horvathi* Fokker, 1893.

Distr. EU: AU IT.

Genus *Stortheconis* Horváth, 1883

Stortheconis Horváth, 1883c: 296. Type species by monotypy: *Stortheconis nigriceps* Horváth, 1883.

Ref.: Distant, 1902a (descr., key); Schouteden, 1905e (descr., key).

***Stortheconis nigriceps* Horváth, 1883**

Stortheconis nigriceps Horváth, 1883c: 297. STS: ♂, ♀, “Himalaya”; HNHM.

Distr. AS: CH (SE SW). **EL:** India, Pakistan.

Ref.: Mittal & Leelamma, 1981 (chrom.).

Tribe TARISINI Stål, 1872

TARISINI Stål, 1872c: 33 (Tarisaria). Type genus: *Tarisa* Amyot & Serville, 1843.

Genus *Cryptogamocoris* Carapezza, 1997

Cryptogamocoris Carapezza, 1997: 263. Type species by monotypy: *Cryptogamocoris cornutus* Carapezza, 1997.

***Cryptogamocoris cornutus* Carapezza, 1997**

Cryptogamocoris cornutus Carapezza, 1997: 263. HT: ♂, TU, Kébili; coll. Carapezza, Palermo, IT.

Distr. NA: TU.

Genus *Dybowskyia* Jakovlev, 1876

Dybowskyia Jakovlev, 1876b: 85. Type species by monotypy: *Dybowskyia ussurensis* Jakovlev, 1876 (= *Bolbocoris reticulatus* Dallas, 1851).

Svarinella Balthasar, 1937: 103 (syn. Leston, 1955b: 703). Type species by monotypy: *Svarinella inexpectata* Balthasar, 1937 (= *Bolbocoris reticulatus* Dallas, 1851).

Dybowskyia reticulata (Dallas, 1851)

Bolbocoris? *reticulatus* Dallas, 1851a: 45. ST(S): CH (SE), Fujian, Fow-choo-foo [= Fuzhou]; BMNH.

Eurygaster incomptus Walker, 1867b: 67 (syn. Horváth, 1899b: 277). HT: CH, North China; BMNH.

Dybowskyia ussurensis Jakovlev, 1876b: 87 (syn. Horváth, 1889a: 325). HT: ♀, RU (FE), Ussuri R.; ZMAS.

Svarinella inexpectata Balthasar, 1937: 103 (syn. Leston, 1955b: 703). HT: SK, N Tatra Mts, Svarin; SNMC.

Distr. EU: AU BU EN FI (seadrift) RU (CT) SK SL. **AS:** AK CH (CE NE NO SE SW) JA KO RU (ES FE WS).

Ref.: Kobayashi, 1951, 1965c (fig.); Miyamoto & Hidaka, 1965 (fig.); Ren, 1992c (egg); Schouteden, 1905e (fig., *ussurensis*).

Genus *Tarisa* Amyot & Serville, 1843

Tarisa Amyot & Serville, 1843: 59. Type species by monotypy: *Tarisa flavescens* Amyot & Serville, 1843.

Coelocoris Bolívar, 1879: 134 (syn. Schouteden, 1903: 111). Type species by subsequent designation (Kirkaldy, 1909b: xxxiii): *Coelocoris aeliodes* Bolívar, 1879.

Ref.: Schouteden, 1903, 1905e (descr., key).

Tarisa aeliodes (Bolívar, 1879)

Coelocoris aeliodes Bolívar, 1879: 134. ST(S): ♀, Abyssinia [= Ethiopia]; MNMS.

Tarisa elongata Horváth, 1899a: 444 (syn. Schouteden, 1903: 112). ST(S): ♂, YE; HNHM.

Tarisa elongata var. *pictipes* Reuter, 1901: 48. ST(S): ♂, S Arabia; MZHF?

Distr. AS: IS SA SY YE. **EL:** Ethiopia, Sudan.

Ref.: Schouteden, 1903 (descr., fig., key).

Tarisa camelus Reuter, 1901

Tarisa camelus Reuter, 1901: 37. LT (Linnavuori, 1986a: 51): ♀, AG, Biskra; MZHF.

Tarisa camelus var. *testacea* Reuter, 1901: 38. ST(S): no locality given; MZHF?

Distr. NA: AG EG MO TU. **AS:** IQ IS JO SI SA.

Tarisa ciliaris Jakovlev, 1901

Tarisa ciliaris Jakovlev, 1901b: 33. LT (Derzhansky et al., 2002: 366): ♂, TM, Kaakhka; ZMAS.

Distr. AS: TD TM UZ.

Ref.: V.G. Putshkov, 1967 (tax.).

Note: Reuter (1902) placed this species as a junior synonym of *T. flavescens*, but V.G. Putshkov (1965, 1967) resurrected it from this synonymy.

Tarisa dimidiatipes Puton, 1874.

Tarisa dimidiatipes Puton, 1874d: 452. STS: AG, Biskra; MNHN, MZHF.

Distr. NA: AG TU.

Ref.: Carapezza, 1997 (fig.).

***Tarisa elevata* Reuter, 1901**

Tarisa subspinosa (non Germar, 1839): Lethierry & Puton, 1876: 23; Jakovlev, 1884b: 238. Misidentification (see Reuter, 1901: 36).

Tarisa elevata Reuter, 1901: 36. STS: RU (ST: Sarepta [= Krasnoarmeysk nr Volgograd], Astrakhan and Orenburg), TM (Repetek, Julia Kara) and UZ (Tashkent); MNHN, MZHF, NHMW?

Tarisa elevata var. *luridula* Reuter, 1901: 37. ST(S): IN, Teheran; MNHN.

Distr. EU: EK RU (ST). **AS:** AF AK CH (NW) IN KI MG TD TM UZ.

***Tarisa flavescens* Amyot & Serville, 1843**

Tarisa flavescens Amyot & Serville, 1843: 60. ST(S): ♂, SP, nr Madrid.

Tarisa flavescens var. *lurida* Reuter, 1901: 31. See note.

Tarisa flavescens var. *signata* Reuter, 1901: 31. See note.

Distr. EU: FR GR PO SP. **NA:** CI MO MR TU.

Note: Reuter (1901) listed a number of localities and museum depositions for this species as a whole, but he did not indicate any specific localities for either of the new varieties (*lurida*, *signata*) that he described.

***Tarisa gibbosa* (Bolívar, 1879)**

Coelocoris gibbosus Bolívar, 1879: 135. ST(S): ♀, Abyssinia [= Ethiopia]; MNMS.

Tarisa adusta Reuter, 1901: 45 (syn. Schouteden, 1903: 113). LT (Linnavuori, 1986a: 54): ♀, YE, Sheikh Othman; MZHF.

Distr. **AS:** SA YE. **EL:** Ethiopia.

***Tarisa hispanica* Wagner, 1949**

Tarisa hispanica Wagner, 1949a: 194. HT (see Aukema & Kerzhner, 2005: 69): ♂, SP, Murcia, Totana; ZMUH.

Distr. EU: SP. **NA:** AG.

***Tarisa igdirensis* Lodos & Önder, 1978**

Tarisa igdirensis Lodos & Önder, 1978: 20. HT: ♂, AT, W slopes of Aðri Mt.; EUIT.

Distr. **AS:** AT.

***Tarisa leprosa* Puton, 1874**

Tarisa leprosa Puton, 1874d: 452. STS: AG, Biskra; MNHN, MZHF.

Distr. **NA:** AG TU.

Ref.: Carapezza, 1997 (fig.).

***Tarisa osmanica* Hoberlandt, 1956**

Tarisa osmanica Hoberlandt, 1956: 174. HT: ♂, AT, Moðan göl; NMPC.

Distr. **AS:** AT.

Ref.: Lodos & Önder, 1978 (descr., fig.).

***Tarisa pallescens* Jakovlev, 1871**

Tarisa virescens (non Herrich-Schaeffer, 1851): Fieber, 1861: 371; Lethierry & Puton, 1876: 23; Jakovlev, 1884b: 237; Reuter, 1891b: 139. Misidentification (see Reuter, 1901: 38).

Tarisa pallescens Jakovlev, 1871: 33. LT (Derzhansky et al., 2002: 369): ♀, RU (ST), Astrakhan; ZMAS.

Tarisa pallescens var. *incarnata* Reuter, 1901: 39. See note.

Tarisa pallescens var. *virens* Reuter, 1901: 39. See note.

Tarisa pallescens var. *subpallida* Kirkaldy, 1909b: 232. New name for *pallescens* var. *typica* in Reuter, 1901.

Distr. EU: RU (ST) UK. **AS:** AR AK KI TD TM UZ.

Ref.: Hinton, 1981 (egg).

Note: Reuter (1901) listed a couple of localities and museum depositions for this species as a whole, but he did not indicate any specific specimens for either of the new varieties (*incarnata*, *virens*) that he described.

***Tarisa salsae* Kerzhner, 1964**

Tarisa salsae Kerzhner in Kerzhner & Jaczewski, 1964: 834. LT (Kerzhner, 1972a: 366): ♂, AK, Dzhezkazgan Prov., 40 km S of Zhana-Arka railway station; ZMAS.

Distr. EU: EK RU (ST). **AS:** AK KI MG RU (WS).

***Tarisa setulosa* Montandon, 1900**

Tarisa setulosa Montandon, 1900a: 155. ST(S): AG, nr Biskra; MGAB.

Distr. NA: AG.

***Tarisa somalica* Linnavuori, 1975**

Tarisa somalica Linnavuori, 1975: 16. HT: ♂, Somalia, nr Borama; AMNH.

Distr. AS: SA. **EL:** Somalia.

Ref.: Linnavuori, 1986a (fig.).

***Tarisa spinifer* Reuter, 1901**

Tarisa spinifer Reuter, 1901: 33. LT (Linnavuori, 1986a: 50): ♂, YE, Sheikh Othman nr Aden; MZHF.

Distr. AS: SA YE.

Ref.: Linnavuori, 1975 (descr., fig.), 1986a (fig.).

***Tarisa subspinosa subspinosa* (Germar, 1839)**

Graphosoma subspinosa Germar, 1839: 54. ST(S): Nubia [EG]; ZMUL?

Tarisa consimilis Reuter, 1891b: 138 (syn. Reuter, 1901: 43). LT (Linnavuori, 1986a: 51): ♀, SI, Musa spring nr Suez; MZHF.

Tarisa subspinosa var. *fraudatrix* Horváth, 1891a: 76 (upgraded by Reuter, 1901: 40; syn. Linnavuori, 1986a: 51). ST(S): ♂, AB, Ordubad; HNHN.

Tarisa subspinosa var. *rosea* Horváth, 1891a: 68, 77. STS: ♂, ♀, AB, Ordubad; HNHN.

Tarisa chloris Horváth, 1904b: 580 (syn. Horváth, 1917b: 372, with *fraudatrix*). ST(S): ♂, AK, Ilysk (now submerged); HNHN.

Distr. EU: EK RU (ST) UK. **NA:** AG EG. **AS:** AB AF AK AR AT CH (NW WP) GG IN IQ KI KU LE MG SA SI SY TD TM UZ. **EL:** India, Pakistan.

Ref.: Lodos & Önder, 1978 (*fraudatrix*; descr., fig.); Polivanova, 1964 (as *fraudatrix*; larva).

***Tarisa subspinosa marismortui* Linnavuori, 1960**

Tarisa fraudatrix marismortui Linnavuori, 1960: 8. HT: ♂, IS, Ein-Gedi; AMNH.

Distr. AS: IS.

Ref.: Linnavuori, 1986a (fig.).

***Tarisa virescens* Herrich-Schaeffer, 1851**

Tarisa virescens Herrich-Schaeffer, 1851: 348. ST(S): AT; lost.

Odontotarsus notoceras Kolenati, 1857: 497 (syn. Reuter, 1901: 32). LT (Kerzhner, 2003b: 96): ♂, RU (ST), Caucasus; NHMW.

Tarisa virescens var. *obtusior* Reuter, 1901: 33. STS: RU (ST), Derbent; HNHN, MNHN, MZHF.

Distr. EU: RU (ST: Dagestan). **AS:** AB AK AR AT IS KI SY TD TM UZ.

Ref.: Lodos & Önder, 1978 (descr., fig.); Polivanova, 1964 (larva).

Unknown tribal placement

Genus *Neocazira* Distant, 1883

Neocazira Distant, 1883: 415, 420. Type species by monotypy: *Neocazira confragosa* Distant, 1883.

Hilrya Schouteden, 1905f: 142 (syn. Schouteden, 1906: 47). Type species by original designation: *Hilrya tibialis* Schouteden, 1905, Indonesia (Java).

***Neocazira confragosa* Distant, 1883**

Neocazira confragosa Distant, 1883: 420. ST(S): JA, Yuyama; BMNH.

Distr. AS: JA.

INCERTAE SEDIS

W.R. Dolling

Many nominal species have already been catalogued in the present work either as dubiously synonymous with recognizable species or as incertae sedis within particular families; such names are not listed again here. Some of those listed below were originally described without locality data and may have nothing to do with the Palaearctic fauna but are included in the absence of a definite indication that they belong to other faunas. Examination of the original descriptions has made it possible to put forward at least a tentative suggestion as to the relationships of most of the listed species. It is hoped that these suggestions will prove helpful to future workers on the hemipteran fauna of the Palaearctic region and to compilers of world catalogues of the various families.

The names of *Cimex* Linnaeus were catalogued by Dolling et al. (1999).

***Acanthia nigra* (Gmelin, 1790)**

Cimex niger Gmelin, 1790: 2126 (junior primary homonym of *Cimex niger* Thunberg, 1783). For *Cimex* no. 66b in Zschach, 1788: 117. ST(S): “Exotica”; lost.

Note: The combination *Acanthia niger* [sic] was established by O'Reilly (1813: 91), who cited the type locality as “India”. Probably Reduviidae, in or near genus *Sycanus* Amyot & Serville, 1843; possibly enters into synonymy of a Chinese species.

***Acanthia pedestris* Fabricius, 1781**

Acanthia pedestris Fabricius, 1781: 336. ST(S): IT, agro Pedemontano [= Piemont]; lost.

Cimex pedemontanus Gmelin, 1790: 2124 (junior primary homonym of *Cimex pedemontanus* Fabricius, 1781). New name for *pedestris* Fabricius, 1781.

Note: probably described from a larva (Reuter, 1888a: 382).

***Cimex aculeatus* Gmelin, 1790**

Cimex aculeatus Gmelin, 1790: 2149. For *Cimex* no. 85 in Zschach, 1788: 119. ST(S): EU; lost.

Note: Probably Pentatomidae or Coreidae.

***Cimex albicans* Gmelin, 1790**

Cimex albicans Gmelin, 1790: 2167. For *Cimex* no. 185 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex albidus* Gmelin, 1790**

Cimex albidus Gmelin, 1790: 2167 (junior primary homonym of *Cimex albidus* Thunberg, 1784; competes for priority with *Cimex albidus* Gmelin, 1790: 2161).

For *Cimex* no. 186 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex albitarsus* Turton, 1802**

Cimex albipes Gmelin, 1790: 2186 (junior primary homonym of *Cimex albipes* Fabricius, 1781). For *Cimex* no. 197 in Zschach, 1788: 124. ST(S): EU; lost.

Cimex albitarsus Turton, 1802: 687. New name for *albipes* Gmelin, 1790.

Note: Probably Miridae; Stenodemini; perhaps male *Notostira* Fieber, 1858.

***Cimex appendiculatus* Villers, 1789**

Cimex appendiculatus Villers, 1789: 488. ST(S): FR; lost?

Note: Perhaps Aradidae.

***Cimex arbustorum* Gravenhorst, 1807**

Cimex arbustorum Gravenhorst, 1807: 347. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Pentatomoidea.

***Cimex armatus* Gmelin, 1790**

Cimex armatus Gmelin, 1790: 2189 (junior primary homonym of *Cimex armatus* Fabricius, 1775). For *Cimex* no. 116 in Zschach, 1788: 120. ST(S): EU; lost.

Note: Probably Lygaeidae (Rhyparochrominae).

***Cimex bifasciatus* Schrank, 1781**

Cimex bifasciatus Schrank, 1781: 281 (junior primary homonym of *Cimex bifasciatus* O.F. Müller, 1764 and *Cimex bifasciatus* Fabricius, 1775). STS: AU; lost.

Note: Schrank appears to have been describing both *Liocoris tripustulatus* (Fabricius, 1781) and *Orthops kalmii* (Linnaeus, 1758) or another species of *Orthops* Fieber, 1858, both Miridae.

***Cimex biguttulus* Turton, 1802**

Cimex biguttulus Gmelin, 1790: 2187 (junior primary homonym of *Cimex biguttatus* Linnaeus, 1758; *Cimex biguttatus* Fabricius, 1775 and *Cimex biguttatus* Goeze, 1778). For *Cimex* no. 123 in Zschach, 1788: 120. ST(S): EU; lost.

Cimex biguttulus Turton, 1802: 688. New name for *biguttatus* Gmelin, 1790.

Note: Perhaps Lygaeidae.

***Cimex bimaculatus* Villers, 1789**

Cimex bimaculatus Villers, 1789: 529 (junior primary homonym of *Cimex bimaculatus* Linnaeus, 1758). ST(S): FR; lost?

Note: Perhaps Miridae.

***Cimex bipunctatus* Rossi, 1788**

Cimex bipunctatus Rossi, 1788: 129 (junior primary homonym of *Cimex bipunctatus* Linnaeus, 1758 and *Cimex bipunctatus* Fabricius, 1781). ST(S): IT; lost.

Note: Nomenclature in Rossi, 1788 is not consistently binominal.

***Cimex bipustulatus* Brunnich, 1763**

Cimex bipustulatus Brunnich, 1763: 684 (junior primary homonym of *Cimex bipustulatus* Linnaeus, 1758). ST(S): DE; lost.

Note: Apparently *Polymerus nigratus* (Fallén, 1807) and/or *Psallus ambiguus* (Fallén, 1807), both Miridae.

***Cimex bivenis* Gmelin, 1790**

Cimex bivenis Gmelin, 1790: 2164. For *Cimex* no. 146 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex brachypterus* Gmelin, 1790**

Cimex brachypterus Gmelin, 1790: 2186. For *Cimex* no. 189 in Zschach, 1788: 124. ST(S): EU; lost.

Note: Perhaps Miridae or Nabidae.

***Cimex brunneus* Gmelin, 1790**

Cimex brunneus Gmelin, 1790: 2168 (junior primary homonym of *Cimex brunneus* Thunberg, 1783). For *Cimex* no. 187 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex carbonarius* Gmelin, 1790**

Cimex carbonarius Gmelin, 1790: 2166 (junior primary homonym of *Cimex carbonarius* Geoffroy, 1785; competes for priority with *Cimex carbonarius* Rossi, 1790). For *Cimex* no. 171 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex chloropterus* Gmelin, 1790**

Cimex chloropterus Gmelin, 1790: 2167. For *Cimex* no. 184 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex chrysopus* Gmelin, 1790**

Cimex chrysopus Gmelin, 1790: 2168. For *Cimex* no. 188 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex circumflexus* Ström, 1788**

Cimex circumflexus Ström, 1788: 269. ST(S): NO; lost.

Note: Ström attributes the name to Fabricius, who never used it in any published work. Probably Miridae.

***Cimex clypeatus* Linnaeus, 1767**

Cimex clypeatus Linnaeus, 1767: 720. For species no. 691 in Gronovius, 1764: 183. ST(S): CH?; lost.

Note: Gronovius indicates India as type locality; Linnaeus indicates China but cites Gronovius's diagnosis. Probably Pentatomoidea.

***Cimex concolor* Gmelin, 1790**

Cimex concolor Gmelin, 1790: 2164. For *Cimex* no. 143 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex conspersus* Gmelin, 1790**

Cimex conspersus Gmelin, 1790: 2149 (competes for priority with *Cimex conspersus* Gmelin, 1790: 2167). For *Cimex* no. 86 in Zschach, 1788: 119. ST(S): EU; lost.

Note: Probably Pentatomidae or Coreidae.

***Cimex dilatatus* Turton, 1802**

Cimex pictus Gmelin, 1790: 2186 (junior primary homonym of *Cimex pictus* Drury, 1773; *Cimex pictus* Fabricius, 1775 and *Cimex pictus* Yeats, 1776). For *Cimex* no. 195 in Zschach, 1788: 124. ST(S): EU; lost.

Cimex dilatatus Turton, 1802: 687. New name for *pictus* Gmelin, 1790.

Note: Probably Miridae.

***Cimex discolor* Gmelin, 1790**

Cimex discolor Gmelin, 1790: 2165 (competes for priority with *Cimex discolor* Gmelin, 1790: 2173). For *Cimex* no. 160 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex discors* Gmelin, 1790**

Cimex discors Gmelin, 1790: 2166. For *Cimex* no. 173 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex erythrochlorus* Gmelin, 1790**

Cimex erythrochlorus Gmelin, 1790: 2164 (competes for priority with *Cimex erythrochlorus* Gmelin, 1790: 2180). For *Cimex* no. 140 in Zschach, 1788: 121.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex erythrogaster* Gmelin, 1790**

Cimex erythrogaster Gmelin, 1790: 2167. For *Cimex* no. 179 in Zschach, 1788: 123.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex erythrurus* Gmelin, 1790**

Cimex erythrurus Gmelin, 1790: 2187. For *Cimex* no. [127] in Zschach, 1788: 123.

ST(S): EU; lost.

Note: Gmelin erroneously cites *Cimex* no. 126 of Zschach but diagnosis is that of *Cimex* no. 127. Probably Miridae.

***Cimex excisus* Gmelin, 1790**

Cimex excisus Gmelin, 1790: 2161. For *Cimex* no. 106 in Zschach, 1788: 120. ST(S): EU; lost.

Note: Possibly Pentatomoidea.

***Cimex expallescens* Gmelin, 1790**

Cimex expallescens Gmelin, 1790: 2165. For *Cimex* no. 154 in Zschach, 1788: 122.

ST(S): EU; lost.

Note: Probably Miridae or Nabidae.

***Cimex ferrugineus* Scopoli, 1763**

Cimex ferrugineus Scopoli, 1763: 130 and fig. 337. ST(S): SL, Idria; lost?

Cimex idriacus Gmelin, 1790: 2183. New name for *ferrugineus* Scopoli, 1763.

Note: *Cimex ferrugineus* Scopoli is not preoccupied. Gmelin presumably replaced Scopoli's name in an invalid attempt to save *Cimex ferrugineus* Linnaeus, 1767. Perhaps Lygaeidae.

***Cimex flavescens* Gmelin, 1790**

Cimex flavescens Gmelin, 1790: 2165. For *Cimex* no. 155 in Zschach, 1788: 122.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex flavidus* Turton, 1802**

Cimex flavidus Turton, 1802: 677. For *Cimex* no. 156 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex foetidus* Gravenhorst, 1807**

Cimex foetidus Gravenhorst, 1807: 348. ST(S): no data; lost?

Ref.: Schulz, 1912 (depository).

Note: Pentatomoidea.

***Cimex frutetorum* Gravenhorst, 1807**

Cimex frutetorum Gravenhorst, 1807: 347. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Pentatomoidea.

***Cimex fulvus* Gmelin, 1790**

Cimex fulvus Gmelin, 1790: 2160 (junior primary homonym of *Cimex fulvus* De Geer, 1773). For *Cimex* no. 88 in Zschach, 1788: 119 and pl. 3. ST(S): “Exoticus”; lost.

Note: O’Reilly (1813: 92) cites India as type locality. A species of *Tessaratoma*, probably synonymous with *T. papillosa* (Drury, 1773).

***Cimex fuscescens* Gmelin, 1790**

Cimex fuscescens Gmelin, 1790: 2166. For *Cimex* no. 174 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex fuscicaudis* Gmelin, 1790**

Cimex fuscicaudis Gmelin, 1790: 2187. For *Cimex* no. 132 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Probably Lygaeidae.

***Cimex fuscoannulatus* Turton, 1802**

Cimex annulatus Gmelin, 1790: 2186 (junior primary homonym of *Cimex annulatus* Linnaeus, 1758 and *Cimex annulatus* Fabricius, 1775). For *Cimex* no. 114 in Zschach, 1788: 120. ST(S): EU; lost.

Cimex fuscoannulatus Turton, 1802: 688. New name for *Cimex annulatus* Gmelin, 1790.

Note: Possibly *Heterogaster urticae* (Fabricius, 1775), Lygaeidae.

***Cimex fuscoculus* Gmelin, 1790**

Cimex fuscoculus Gmelin, 1790: 2165. For *Cimex* no. 152 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex graminosus* Turton, 1802**

Cimex gramineus Gmelin, 1790: 2186 (junior primary homonym of *Cimex gramineus* Fabricius, 1787). For *Cimex* no. [192] in Zschach, 1788: 124. ST(S): EU; lost.

Cimex graminosus Turton, 1802: 687. New name for *gramineus* Gmelin, 1790.

Cimex bilineatus O’Reilly, 1813: 94 (junior primary homonym of *Cimex bilineatus* Thunberg, 1783). New name for *gramineus* Gmelin, 1790.

Note: Both Gmelin and Turton erroneously cite *Cimex* no. 191 of Zschach but diagnosis in each case is that of *Cimex* no. 192. Probably a species of *Stenodema* Laporte, 1833, Miridae.

***Cimex grisatus* Turton, 1802**

Cimex melanopus Gmelin, 1790: 2187 (competes for priority with *Cimex melanopus* Gmelin, 1790: 2149). For *Cimex* no. 121 in Zschach, 1788: 120. ST(S): EU; lost.

Cimex grisatus Turton, 1802: 688 (competes for priority with *Cimex grisatus* Turton, 1802: 612). New name for *melanopus* Gmelin, 1790: 2187.

Note: Perhaps Lygaeidae.

***Cimex herbaceus* Gmelin, 1790**

Cimex herbaceus Gmelin, 1790: 2186. For *Cimex* no. 194 in Zschach, 1788: 124. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex ictericus* Gmelin, 1790**

Cimex ictericus Gmelin, 1790: 2169 (junior primary homonym of *Cimex ictericus* Linnaeus, 1763 and *Cimex ictericus* Villers, 1789). For *Cimex* no. 130 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Perhaps a species of *Cymus* Hahn, 1832, Lygaeidae.

***Cimex imperialis* Gmelin, 1790**

Cimex imperialis Gmelin, 1790: 2165 (junior primary homonym of *Cimex imperialis* Fabricius, 1775). For *Cimex* no. 161 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex lacteolus* Gmelin, 1790**

Cimex lacteolus Gmelin, 1790: 2189. For *Cimex* no. 117 in Zschach, 1788: 120. ST(S): EU; lost.

Note: Probably Lygaeidae.

***Cimex leoninus* Gmelin, 1790**

Cimex leoninus Gmelin, 1790: 2166. For *Cimex* no. 170 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex leucoceras* Gmelin, 1790**

Cimex leucoceras Gmelin, 1790: 2167. For *Cimex* no. 176 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex leucodermis* Gmelin, 1790**

Cimex leucodermis Gmelin, 1790: 2165. For *Cimex* no. 162 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex leucophlebs* Gmelin, 1790**

Cimex leucophlebs Gmelin, 1790: 2187. For *Cimex* no. 124 in Zschach, 1788: 120. ST(S): EU; lost.

Note: Perhaps Lygaeidae.

***Cimex lutescens* Gmelin, 1790**

Cimex lutescens Gmelin, 1790: 2186. For *Cimex* no. [191] in Zschach, 1788: 124. ST(S): EU; lost.

Note: Gmelin erroneously cites *Cimex* no. 190 of Zschach but diagnosis is that of *Cimex* no. 191. Probably Miridae.

***Cimex macropus* Gmelin, 1790**

Cimex macropus Gmelin, 1790: 2186 (competes for priority with *Cimex macropus* Gmelin, 1790: 2193). For *Cimex* no. 115 in Zschach, 1788: 120. ST(S): EU; lost.

Note: Probably Lygaeidae.

***Cimex melanochrysos* Gmelin, 1790**

Cimex melanochrysos Gmelin, 1790: 2164. For *Cimex* no. 145 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex melanogaster* Gmelin, 1790**

Cimex melanogaster Gmelin, 1790: 2166. For *Cimex* no. 166 in Zschach, 1788: 123.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex melanoleucos* Gmelin, 1790**

Cimex melanoleucos Gmelin, 1790: 2167 (competes for priority with *Cimex melanoleucos* Gmelin, 1790: 2161). For *Cimex* no. 104 in Zschach, 1788: 120.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex melanopterus* Gmelin, 1790**

Cimex melanopterus Gmelin, 1790: 2167. For *Cimex* no. 175 in Zschach, 1788: 123.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex melanorhous* Gmelin, 1790**

Cimex melanorhous Gmelin, 1790: 2166. For *Cimex* no. 163 in Zschach, 1788: 122.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex monopunctatus* Turton, 1802**

Cimex unipunctatus Gmelin, 1790: 2187 (junior primary homonym of *Cimex unipunctatus* Thunberg, 1783). For *Cimex* no. 125 in Zschach, 1788: 121. ST(S): EU; lost.

Cimex monopunctatus Turton, 1802: 688. New name for *unipunctatus* Gmelin, 1790.

Note: Perhaps Lygaeidae.

***Cimex neglectus* Rossi, 1790**

Cimex neglectus Rossi, 1790: 230. ST(S): IT, Toscana; lost.

***Cimex nigerrimus* Gmelin, 1790**

Cimex nigerrimus Gmelin, 1790: 2161. For *Cimex* no. 103 in Zschach, 1788: 119.

ST(S): EU; lost.

Note: Perhaps Cydnidae.

***Cimex nigrispinus* Fabricius, 1787**

Cimex nigrispinus Fabricius, 1787: 284. ST(S): CH; lost?

Note: Pentatomoidea.

***Cimex notatus* Gmelin, 1790**

Cimex notatus Gmelin, 1790: 2166 (junior primary homonym of *Cimex notatus* Poda, 1761 and *Cimex notatus* Thunberg, 1783). For *Cimex* no. 172 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex nubilus* Gmelin, 1790**

Cimex nubilus Gmelin, 1790: 2167. For *Cimex* no. 181 in Zschach, 1788: 123. ST(S): EU; lost.

EU; lost.

Note: Probably Miridae.

***Cimex ochrorhous* Gmelin, 1790**

Cimex ochrorhous Gmelin, 1790: 2187. For *Cimex* no. 128 in Zschach, 1788: 121.

ST(S): EU; lost.

Note: Probably Lygaeidae.

***Cimex pallescens* Gmelin, 1790**

Cimex pallescens Gmelin, 1790: 2161 (competes for priority with *Cimex pallescens* Gmelin, 1790: 2165). For *Cimex* no. 98 in Zschach, 1788: 119. ST(S): EU; lost.

Note: Possibly Pentatomidae.

***Cimex parnassiae* Mayer, 1779**

Cimex parnassiae Mayer, 1779: 183. ST(S): CZ; lost.

Note: Probably Miridae.

***Cimex pedestris* Poda, 1761**

Cimex pedestris Poda, 1761: 56. ST(S): AU?; lost.

Note: Probably a species of *Holotrichius* Burmeister, 1835, Reduviidae.

***Cimex phoenicopter* Gmelin, 1790**

Cimex phoenicopter Gmelin, 1790: 2165. For *Cimex* no. 151 in Zschach, 1788: 122.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex pictus* Yeats, 1776**

Cimex pictus Yeats in Brown, 1776: 120, pl. 49, fig. 2 (junior primary homonym of *Cimex pictus* Drury, 1773 and *Cimex pictus* Fabricius, 1775). ST(S): MR; lost.

Note: Apparently a species of *Dysdercus* Amyot & Serville, 1843; but this genus is not represented in Madeira.

***Cimex punctipes* Gmelin, 1790**

Cimex punctipes Gmelin, 1790: 2163. For *Cimex* no. 137 in Zschach, 1788: 121.

ST(S): EU; lost.

Note: Probably Miridae.

***Cimex purus* Gmelin, 1790**

Cimex purus Gmelin, 1790: 2186. For *Cimex* no. 113 in Zschach, 1788: 120. ST(S): EU; lost.

Note: Probably *Aellopus atratus* (Goeze, 1778), Lygaeidae.

***Cimex quadrimaculatus* Gmelin, 1790**

Cimex quadrimaculatus Gmelin, 1790: 2164. For *Cimex* no. 138 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex quadristriatus* Gmelin, 1790**

Cimex quadristriatus Gmelin, 1790: 2187. For *Cimex* no. 131 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Probably a species of *Aradus* Fabricius, 1803, Aradidae.

***Cimex reflexus* Fabricius, 1798**

Cimex reflexus Fabricius, 1798: 531. ST(S): FR, Parisi; MNHN, lost?

Note: Pentatomoidea.

***Cimex rubens* Turton, 1802**

Cimex rubellus Gmelin, 1790: 2186 (junior primary homonym of *Cimex rubens* O.F. Müller, 1776). For *Cimex* no. 196 in Zschach, 1788: 124. ST(S): EU; lost.

Cimex rubens Turton, 1802: 687 (junior primary homonym of *Cimex rubens* Harris, 1780 and *Cimex rubens* Fabricius, 1794). New name for *rubellus* Gmelin, 1790.

Note: Possibly Miridae or Nabidae.

***Cimex rugosus* Scopoli, 1763**

Cimex rugosus Scopoli, 1763: 126 and fig. 367 (junior primary homonym of *Cimex rugosus* Linnaeus, 1758). ST(S): SL, Carniola super.; lost?

Note: Probably a species of *Aradus* Fabricius, 1803, Aradidae.

***Cimex salicinus* Schrank, 1801**

Cimex salicinus Schrank, 1801: 83. ST(S): GE, Bavaria; lost.

Note: *Cimex* no. 29 of Geoffroy, 1762: 450 is cited by Schrank as being dubiously identical with *C. salicinus*. Possibly Lygaeidae.

***Cimex senilis* Gravenhorst, 1807**

Cimex senilis Gravenhorst, 1807: 346. ST(S): no data; lost?

Ref.: Schulz, 1912 (depository).

Note: Probably Pentatomoidea.

***Cimex setosus* Gmelin, 1790**

Cimex setosus Gmelin, 1790: 2189 (competes for priority with *Cimex setosus* Gmelin, 1790: 2144). For *Cimex* no. 126 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Possibly Lygaeidae.

***Cimex squamatus* Gmelin, 1790**

Cimex squamatus Gmelin, 1790: 2186. For *Cimex* no. 198 in Zschach, 1788: 124. ST(S): EU; lost.

Note: Possibly *Pithanus maerkeli* (Herrich-Schaeffer, 1838), Miridae.

***Cimex sticticus* Gmelin, 1790**

Cimex sticticus Gmelin, 1790: 2167. For *Cimex* no. 180 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex stictopterus* Gmelin, 1790**

Cimex stictopterus Gmelin, 1790: 2169. For *Cimex* no. 120b in Zschach, 1788: 120. ST(S): EU; lost.

Note: Possibly Lygaeidae.

***Cimex stramineus* Gmelin, 1790**

Cimex stramineus Gmelin, 1790: 2164. For *Cimex* no. 142 in Zschach, 1788: 121. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex subrubescens* Gravenhorst, 1807**

Cimex subrubescens Gravenhorst, 1807: 347. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Probably Pentatomoidea.

***Cimex tomentosus* Gmelin, 1790**

Cimex tomentosus Gmelin, 1790: 2164 (junior primary homonym of *Cimex tomentosus* Villers, 1789). For *Cimex* no. 144 in Zschach, 1788: 122. ST(S): EU; lost.

Note: Probably Miridae.

***Cimex trilineatus* Schrank, 1781**

Cimex trilineatus Schrank, 1781: 285 (junior primary homonym of *Cimex trilineatus* O.F. Müller, 1776 and *Cimex trilineatus* Fabricius, 1781). ST(S): AU.

Note: Probably a species of *Capsodes* Dahlbom, 1851, Miridae (Reuter, 1888a: 382, as *Lopus*).

***Cimex undatus* Gmelin, 1790**

Cimex undatus Gmelin, 1790: 2161. For *Cimex* no. 97 in Zschach, 1788: 119. ST(S): EU; lost.

Note: O'Reilly (1813: 92) cites India as type locality. Possibly a species of *Aelia* Fabricius, 1803, Pentatomidae.

***Cimex unicolor* Turton, 1802**

Cimex tricolor Gmelin, 1790: 2160 (junior primary homonym of *Cimex tricolor* Fabricius, 1787; competes for priority with *Cimex tricolor* Gmelin, 1790: 2164). For *Cimex* no. 91 in Zschach, 1788: 119. ST(S): EU; lost.

Cimex unicolor Turton, 1802: 654 (junior primary homonym of *Cimex unicolor* Gmelin, 1790). New name for *tricolor* Gmelin, 1790.

Note: Probably Pentatomidae.

***Cimex varius* Gmelin, 1790**

Cimex varius Gmelin, 1790: 2160 (junior primary homonym of *Cimex varius* Fabricius, 1787: 284 and *Cimex varius* Fabricius, 1787: 306). For *Cimex* no. 89 in Zschach, 1788: 119 and pl. 3. ST(S): "Exoticus"; lost.

Note: O'Reilly (1813: 92) cites India as type locality. May enter into synonymy of *Coridius janus* (Fabricius, 1775), Dinidoridae.

***Cimex viridirufescens* Goeze, 1778**

Cimex viridirufescens Goeze, 1778: 249. For *Cimex* no. 62 in Geoffroy, 1762: 465. ST(S): FR, Paris area; lost.

Cimex carminaris Geoffroy in Fourcroy, 1785: 214. Junior objective synonym of *Cimex viridirufescens* Goeze, 1778.

Cimex rufescens Gmelin, 1790: 2160. Junior objective synonym of *Cimex viridirufescens* Goeze, 1778.

Note: Probably Pentatomoidea.

***Cimex vitellinus* Gmelin, 1790**

Cimex vitellinus Gmelin, 1790: 2166. For *Cimex* no. 168 in Zschach, 1788: 123. ST(S): EU; lost.

Note: Probably Miridae.

***Coreus punctulus* Gravenhorst, 1807**

Coreus punctulus Gravenhorst, 1807: 350. ST(S): no data; lost?

Ref.: Schulz, 1912 (depository).

Note: Perhaps *Cymus glandicolor* (Hahn, 1831), Lygaeidae.

Genus *Coriscus* Schrank, 1796

Coriscus Schrank, 1796: 121. Type species by subsequent designation (Reuter, 1888a: 405): *Coriscus dauci* Schrank, 1801.

Note: Suppressed by Opinion 244, 1954. See notes under *C. dauci*.

***Coriscus dauci* Schrank, 1801**

Coriscus dauci Schrank, 1801: 99. ST(S): GE, Bavaria; lost.

Note: For discussion of identity, see China (1943: 231). Probably Nabidae but figure cited by Schrank, 1796: 121 (Schaeffer, 1769: pl. 123, figs 2, 3) represents *Alydus calcaratus* (Linnaeus, 1758), Alydidae.

***Lygaeus cinereus* Gravenhorst, 1807**

Lygaeus cinereus Gravenhorst, 1807: 352. ST(S): no data; lost?

Ref.: Schulz, 1912 (depository).

***Lygaeus irroratus* Gravenhorst, 1807**

Lygaeus irroratus Gravenhorst, 1807: 352. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Probably the Nearctic *Anasa tristis* (De Geer, 1773), Coreidae.

[*Lygaeus leucospilus* Walker, 1870]

Lygaeus leucospilus Walker, 1870: 2378. ST(S): Tajura; lost.

Note: Extralimital (Jibuti) but possibly a Palearctic species of Lygaeidae; description includes a variety.]

***Lygaeus multiguttatus* Herrich-Schaeffer, 1850**

Lygaeus multiguttatus Herrich-Schaeffer, 1850: 197. ST(S): no data; lost?

***Lygaeus triangularis* Gravenhorst, 1807**

Lygaeus triangularis Gravenhorst, 1807: 351. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

***Miris? abbreviata* Gravenhorst, 1807**

Miris? abbreviata Gravenhorst, 1807: 354 (junior primary homonym of *Miris abbreviatus* Wolff, 1802). ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Probably Lygaeidae.

***Miris graminicola* Gravenhorst, 1807**

Miris graminicola Gravenhorst, 1807: 354. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Probably *Nabis brevis* (Scholtz, 1847), Nabidae.

***Naucoris integra* O'Reilly, 1813**

Naucoris integra O'Reilly, 1813: 91. For *Naucoris* no. 62 in Zschach, 1788: 117.

ST(S): EU; lost.

Note: Perhaps an Oriental species of Belostomatidae.

***Reduvius limbatus* Gravenhorst, 1807**

Reduvius limbatus Gravenhorst, 1807: 356. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Probably the Nearctic *Apiomerus crassipes* (Fabricius, 1803), Reduviidae.

***Reduvius minutus* Fabricius, 1794**

Reduvius minutus Fabricius, 1794: 208. ST(S): FR, Paris; MNHN, lost?

Cimex minutissimus Turton, 1802: 701. New name for *minutus* Fabricius, 1794.

Note: Probably a species of *Oxycarenus* Fieber, 1837, Lygaeidae.

***Reduvius ruber* Gravenhorst, 1807**

Reduvius ruber Gravenhorst, 1807: 356. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Probably Lygaeidae.

***Sigara gigas* O'Reilly, 1913**

Sigara gigas O'Reilly, 1813: 91. For *Sigara* no. 57 in Zschach, 1788: 117 and pl. 3.

ST(S): EU; lost.

Note: Probably a species of *Corixa* Geoffroy, 1762, Corixidae.

***Tingis collaris* Gravenhorst, 1807**

Tingis collaris Gravenhorst, 1807: 345. ST(S): no data; lost?

Ref.: Schulz, 1912 (identity, depository).

Note: Perhaps the Palaearctic *Piesma capitatum* (Wolff, 1804), Piesmatidae.

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