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**Catalogue of the Heteroptera
of
the Palaearctic Region**

edited by

Berend Aukema & Christian Rieger

Volume 4

Pentatomomorpha I

CIP-DATA KONINKLIJKE BIBLIOTHEEK, DEN HAAG

Aukema, B. & Chr. Rieger (editors)

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PENTATOMOMORPHA I

ARADIDAE - E. HEISS

LYGAEIDAE - J. PÉRICART

PIESMATIDAE - E. HEISS & J. PÉRICART

MALCIDAE - I.M. KERZHNER

BERYTIDAE - J. PÉRICART

COLOBATHRISTIDAE - I.M. KERZHNER

LARGIDAE - I.M. KERZHNER

PYRRHOCORIDAE - I.M. KERZHNER

This volume is dedicated to the memory of the late G. Seidenstücker, eminent German heteropterologist.

Gustav Seidenstücker was born 1 June 1912 in Nürnberg. He became interested in insects as a boy through contacts with local entomologists. After returning from military service and imprisonment in World War II in 1946 he started a career as head of administration of a social security company, a position he held until his retirement in 1974. This allowed him to dedicate intensively to taxonomy of Heteroptera and between 1948 and 1952 he discovered and described three unexpected new species from Southern Germany. The following twenty years he undertook several extensive trips to explore the nearly unknown fauna of Inner Anatolia, Kurdistan and Syria. He spoke fluently Turkish and was so able to move alone in the most remote areas.

Based on the rich material of these collections he described seven new genera and about 100 new species of Palaearctic Heteroptera. In addition he studied the material of other expeditions from Iran and Afghanistan and published the interesting results. The oeuvre of Gustav Seidenstücker comprises 99 scientific papers, famous for the fine illustrations and predominantly dealing with Lygaeidae, but he shared his interest also with Aradidae, Miridae, Pentatomidae and Tingidae, where he made valuable contributions to taxonomy and morphology.

Gustav Seidenstücker died on 18 November 1989. His collection comprising about 2400 taxa and hundreds of type specimens is Kept in the Zoölogische Staatssammlung, Münich (ZSMC).

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PREFACE

The fourth volume of the Catalogue of Palaearctic Heteroptera (Pentatomomorpha I) contains the following families: Aradidae, Lygaeidae, Piesmatidae, Malcidae, Berytidae, Colobathristidae, Largidae and Pyrrhocoridae. The included families are represented by altogether 1361 species and 53 subspecies of 288 genera (table 1).

Numbers of Palaearctic Heteroptera				
		Genera	Species	Subspecies
Pentatomomorpha	Aradidae	28	204	9
	Lygaeidae	225	1001	37
	Piesmatidae	2	19	-
	Malcidae	2	25	-
	Berytidae	13	54	6
	Colobathristidae	2	7	-
	Largidae	3	8	-
	Pyrrhocoridae	13	43	1
Totals		288	1361	53

Table 1. Numbers of Palaearctic Heteroptera listed in volume 4.

The following new names and synonymies are included. Aradidae: *Iralunelus gallicus* (Štys) = ?*Aneurus mimeuri* Vidal; *Aradus aterrimus* Fieber = *Aradus moestus* Reuter; *Aradus aterrimus* Fieber = *Aradus aterrimus* var. *diversicollis* Reuter; *Aradus bimaculatus* Reuter = *Aradus sordidus* Horváth = *Aradus hahni* Reuter; *Aradus laeviusculus* Reuter = *Aradus simillimus* Reuter; *Aradus lugubris* Fallén, 1807 = *Aradus lugubris* var. *nigricornis* Reuter; *Aradus orientalis* Bergroth = *Aradus iguchii* Iguchi. Lygaeidae: *Pylorgus praeceps* (Bergroth) = *Pylorgus orientalis* Zheng, Zou & Hsiao; *Geocoris itonis* Horváth = *Geocoris lynceus* Lindberg; *Oxycarenum hsiaoï* Péricart, nom. nov. = *Oxycarenum brunneus* Zheng, Zou & Hsiao; *Pionosomus varius* (Wolff) = *Pionosomus opacellus* var. *lainzi* Gomez-Menor.

New combinations. Aradidae: *Paraneurus bimaculatus* (Kormilev & Heiss) = *Aneurus bimaculatus* Kormilev & Heiss; *Paraneurus galiae* (Kerzhner) = *Aneurus galiae* Kerzhner; *Paraneurus nipponicus* (Kormilev & Heiss) = *Aneurus nipponicus* Kormilev & Heiss; *Paraneurus oviventris* (Kormilev & Heiss) = *Aneurus oviventris* Kormilev & Heiss; *Paraneurus sinuatipennis* (Bergroth) = *Aneurus sinuatipennis* Bergroth; *Paraneurus taiwanensis* (Kormilev) = *Aneurus taiwanensis* Kormilev; *Paraneurus yunnanensis* (Hsiao) = *Aneurus yunnanensis* Hsiao. Lygaeidae: *Neoentisberus gibbus* (Zheng) = *Entisberus gibbus* Zheng.

Lectotypes are designated for the following taxa. Lygaeidae: *Lygaeus ventralis* Kolenati, *Lygaeus asiaticus* Kolenati, *Cymnus* [sic] *tabaci* Matsumura, *Ophthalmicus boops* Dufour, *Geocoris albipennis* var. *ataenius* Puton, *Ophthalmicus lineola* Rambur, *Geocoris lineola* var. *infuscatus* Montandon, *Piocoris aurantiacus* Bergevin, *Heterogaster bicolor* Kolenati, *Heterogaster waltlii* Kolenati, *Sadoletus bakeri* Bergroth, *Bianchiella adelungi* Reuter,

Metopoplax fuscinervis Stål, *Cymus origani* Kolenati, *Drymus confinis* Reuter, *Eremocoris oblitus* Horváth, *Notochilus limbatus* Fieber (completed here), *Metastenothonax punctatipennis* Reuter, *Plinthisus* (s.str.) *horvathi* Popov (completed here), *Pachymerus carbonarius* var. *nitidus* Kolenati, *Pachymerus ibericus* Kolenati, and *Esuridea maculata* Reuter. Berytidae: *Berytus caucasicus* Kolenati.

Type species are designated for the following taxa. Lygaeidae: *Ischnotarsus* Fieber: *Ischnotarsus melanotus* Fieber (= *Dieuches syriacus* Dohrn). Berytidae: *Xanthocerus* Mulsant & Rey: *Berytus gracilis* Mulsant & Rey (= *Berytus signoreti* Fieber); Colobathristidae: Subgenus *Anorygma* Horváth: *Colobathristes saccharicida* Karsch.

Aellopideus Seidenstücker is upgraded to genus.

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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Email: b.aukema@pd.agro.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
INNER	Instituto 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	Landbouwniversiteit, 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
USNM	United States National Museum of Natural History, Washington, D.C., U.S.A.
UWCP	University of Wroclaw, Department of Entomology, Wroclaw, Poland
UZIU	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).

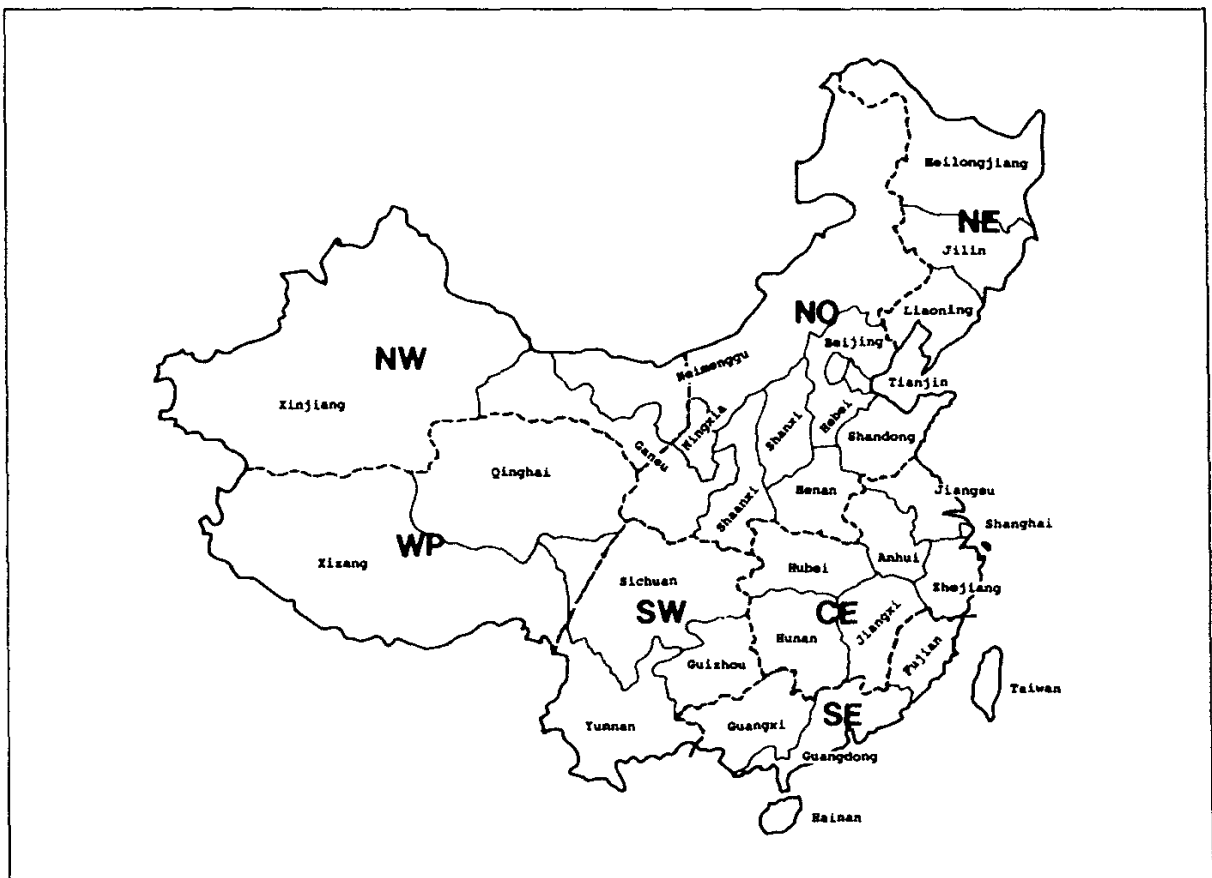


Fig. 2. Subdivision of China (abbreviations on page x).

LITERATURE

Since the publication of the first three volumes of this catalogue, a number of important works appeared. They are reviewed shortly.

Bibliographies

Stehlík (1999) published bibliography for L. Hoberlandt on the occasion of his 80th birthday. Names proposed and taxonomic publications by J.T. Polhemus were published on the occasion of his 70th birthday by D.A. Polhemus (1999). Heiss (1999c) published a bibliography of the late N.A. Kormilev.

Economic importance

The ecology and use in biological control of predatory Heteroptera were treated by Coll & Ruberson (1998). Schaefer & Panizzi (2000) gave a comprehensive coverage of species of economic importance .

Taxonomy and faunistics

Catalogues and monographs

Dolling et al. (2000) listed of names in *Cimex*. J.A. Lis (1999) catalogued the Cydnidae of the Old World.

Lists of collections and type specimens

Chérot & Pauwels (2000) listed types of Miridae in MRAC, Péricart (1999d) types of east Palaearctic, afrotropical and oriental Lygaeidae and Berytidae, Pluot-Sigwalt & Matocq (2000) types of Lygaeidae and Miridae in MNHN, Rabitsch (2000) types of Phymatidae in NHMW, and Sehnal (2000) types of Reduviidae in NHMW.

Fauna of regions

Central Europe - Günther & Schuster (2000) published an update of their checklist

Europe - A revision of *Empicoris* was published by P.V. Putshkov et al. (1999).

Middle East - Linnavuori (1999a) published new species and additional records of *Nasocoris*.

Palaearctic - The Mirid genus *Camptotylidea* was revised by Konstantinov (1999) and the Cydnid genus *Macroscytus* by J.A. Lis (2000).

Western Palaearctic - Péricart (1999a, 1999b, 1999c) published a monograph of Euromediterranean Lygaeidae .

Fauna of countries

Only major contributions are listed.

Afghanistan - A new species of Cantacaderidae was described by B. Lis (2001).

Austria - Rabitsch (1999) published additional records and Friess & al. (1999) a checklist for Carinthia.

Belgium - Additional records were published by Baugnée (1998) and Baugnée et al. (2000). Bosmans & Aukema (2001) compiled a bibliography of Miridae.

China - Ren (1998) published a monograph of Nabidae. New species and additional data of Miridae were published by Hu & Zheng (1999: *Mansoniella*; 2000: *Bryocoris*), G.Q. Liu (1999: *Pseudoloxops*), G.Q. Liu & Zhao (1999: *Coridromius*), G.Q. Liu & Zheng (1999: *Zanchius*; 2000a: *Cyllecoris*) and Tian-Ruilin & Nonnaizab (1999: *Orthotylus*). New species and additional records of other families were described by Z.Y. Chen (2000: *Brachymna*), P.P. Chen & Zettel (1999: *Metrocoris*), Kerzhner & Günther (2000: *Alloeorhynchus*), G.Q. Liu & Zheng (2000b: *Aphelocheirus*), Li & Zheng (2000: *Elasmucha*), Ren (2000a: *Plataspidae*; 2000b: *Urostylidae*), and Zettel (1999: *Distotrephes*).

Cai et al. (1999) published an annotated checklist of Henan Province.

Czech Republic - Stehlík & Heiss (2000) published further data on Aradidae and Pyrrhocoridae of Moravia.

Denmark - Tolsgaard (2001) published an annotated distributional atlas of Pyrrhocoridae, Coreoidea and Pentatomoidea.

Egypt - Gadalla & Hassan (2000) gave a review of Scutelleridae.

Estonia - Coulianos (1999) published additional records.

France - A new species of *Cremnocephalus* was described by Magnien (2000).

Germany - Checklists were published for Thüringen (Lichter & Sander, 1998; Lichter et al., 1999), Sachsen (Arnold, 1999) and Mecklenburg-Vorpommern (Martschei & Engelmann, 2001).

Greece - Linnavuori (1999b) published additional records of Miridae.

Great Britain - Recent changes in the fauna were reviewed by P. Kirby et al. (2001).

Hungary - Kondorosy (1999) compiled a checklist.

Iran - Lists for the Khorasan province were published by Linnavuori & Modarres (1999a: Miridae; 1999b: Tingidae and Berytidae). New species and additional data on Miridae were published by Linnavuori (1999c: *Phytocoris*), Linnavuori & Hosseini (1999: *Dicyphus*) and Rosenzweig (2000: *Grypocoris*).

Iraq - Moulet (2000) described a new species of *Sphedanolestes*.

Ireland - See Great Britain.

Italy - Magnien (2000) described a new species of *Cremnocephalus*.

Japan - New taxa and additional records were published by Chérot et al. (2000: *Tolongia*), Miyamoto & Yasunaga, (1999: *Coridromius*), Nakatani et al. (2000: *Deraeocorinae*); Yasunaga (1999a: *Lygocoris*; 1999b: *Phylinae*; 1999c: *Psallops*; 1999d: *Tingitotum*; 2000a: *Deraeocorinae*; 2000b: *Bryocorinae*; 2000c: *Oriini*; 2000d: *Oriini*), and Yasunaga et al. (1999: *Miridae*, *Anthocoridae* and *Plataspidae*). Revisions of *Orthotylini* and *Cylapinae* (*Miridae*) were published by Yasunaga (1999e, 2000e). The genus *Psallus*, including eight new species, was reviewed by Yasunaga & Vinokurov (2000). Yasunaga & Yasunaga (2000) described eight new species of *Apolygus*.

Jordan - Katbeh et al. (2000) published 124 additional species.

Kazakhstan - Drapolyuk & Kerzhner (2000) described new species of *Myrmecophyes* and *Orthocephalus*.

Kirgizia - A new species of *Phytocoris* was described by Rosenberg (2000).

Kuwait - Al-Houty & Dolling (1999) published additional records.

Mongolia - Vinokurov (2000) listed *Oxycareninae*.

Norway - An annotated checklist was published by Coulianos (1998) and Odegaard (1998) and Hagvar (1999) gave additional records.

Russia - Kanyukova (2001) published additional records of *Nepomorpha* and *Gerromorpha* from the Far East.

Slovakia - Additional data were reported by Stehlík & Vavřínová (1999: *Lygaeidae*) and Günther (2000: *Miridae*).

Spain - Ribes & Ribes (2000) described a new species of *Phytocoris* and Baena & Günther

(2001) two new species of *Hyoidea*.

Switzerland - Giulio et al. (2000) published updated checklists for the cantons Luzern and Schaffhausen with additional species to the Swiss list. A new species of *Blepharidopterus* was described by Heckmann (2000).

Taiwan - New species and additional records of Miridae were published by Lin (1998: *Stenodemini*; 2000a: *Mansoniella*; 2000b: *Eupachypeltis*; 2000c: *Felisacus*). Péricart (2000) described a new species of Tingidae.

Tunisia - A monograph was published by Carapezza (1997).

Turkey - Lodos et al. summarized data on Pentatomoidea and Lygaeidae of Western Black Sea, Central Anatolia and Mediterranean regions in 1998 and 1999, respectively.

Uzbekistan - Drapolyuk & Kerzhner (2000) described a new species of Orthocephalus.

Yemen - Linnavuori & Van Harten (2000) listed additional species. A new species of *Ectomocoris* was described by Moulet (2000).

Yugoslavia - Protić published new records of Lygaeidae (1999a) and Miridae (1999b).

Unpublished data were communicated by B. Aukema (CI, NL), A. Carapezza (IT: Sicily), C.-C. Coulianos (EN), M. Dethier (SZ), A. Gogala (CR, SL), M. Josifov (BU, KO), I.M. Kerzhner (AK, RU, TM), J. Ribes (AN), J.L. Stehlík (CZ, SK), and L.Y. Zheng (CH).

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Infraorder PENTATOMOMORPHA

E. Heiss, J. Péricart & I. M. Kerzhner

Pentatomomorpha is one of the two largest infraorders of Heteroptera, worldwide containing about 15,000 described species. All representatives are terrestrial. Most of them live openly on herbs, shrubs and trees, but some live on the ground, in forest litter, under bark, in termitaria or on other places. Most species are phytophagous, with prevalence of those feeding at least in larval stages on reproductive organs, including ripe seeds, but there are exceptions: many Aradidae feed on arboreal fungi, Blissinae (Lygaeidae) suck stems of Poaceae, some Cydnidae suck roots etc. Secondary predators are Asopinae (Pentatomidae), Geocorinae and some Rhyparochrominae (Lygaeidae), and some genera of Pyrrhocoridae; they feed they feed on eggs, larvae and imagines of other insects.

Most of the Palaearctic species have one generation yearly and hibernate as adults. Eggs are laid singly or in batches, either openly on plants or placed under bark, on ground, or in litter, but never inserted in plant tissue. Usually there are five larval instars.

Many species have economic importance as pests of cultivated plants (*Eurygaster* and *Aelia* on cereals, *Eurydema* on crucifers, *Piesma quadratum* on beet, *Aradus cinnamomeus* on young pines, etc. Some North American Asopinae (Pentatomidae), as *Podisus maculiventris* and *Perillus bioculatus*, are used for biological control of pests in Europe.

The subdivision of Pentatomomorpha in superfamilies and families is a matter of controversy and, in contrast to Cimicomorpha, a tendency towards splitting is prevalent.

In this catalogue, we follow Henry (1997a), in recognizing six superfamilies: Aradoidea, Idiostoloidea (extralimital), Lygaeoidea, Pyrrhocoroidea, Coreoidea and Pentatomoidea. Other authors include Idiostoloidea in Lygaeoidea (Schaefer, 1993), separate Piesmatidae from Lygaeoidea in their own superfamily (Štys, 1961, 1967; Schuh, 1986), or unite Lygaeoidea, Pyrrhocoroidea and Coreoidea in one superfamily Coreoidea (Štys, 1961, 1967).

Aradoidea include two families, of which only Aradidae occur in the Palaearctic Region. Attempts to split this family were blocked by Usinger & Matsuda (1959).

In Lygaeoidea, the families Piesmatidae, Lygaeidae and Berytidae were universally accepted from the end of the 19th century. Later on, Colobathristidae and Malcidae were separated from Lygaeidae by Bergroth (1910) and Štys (1967), respectively. Recently, Henry (1997a) published a cladistic analysis of Lygaeoidea. He clearly showed that Lygaeidae are paraphyletic, and as in the cladistic approach (but not in the evolutionary one!) paraphyletic groups cannot be retained, he splitted Lygaeidae into 11 families as follows (extralimital taxa are indicated with an asterisk): Artheneidae (Artheneinae in this catalogue), Blissidae (Blissinae and *Slaterellinae), *Cryptorhamphidae (Cryptorhamphinae), Cymidae (Cyminae except Ninini), Geocoridae (Geocorinae, Henestarinae, Bledionotinae and *Pamphantinae), Heterogastridae (Heterogastrinae), Lygaeidae (Lygaeinae, Orsillinae and Ischnorhynchinae), Ninidae (Ninini), Oxycarenidae (Oxycareninae), Pachygronthidae (Pachygronthinae), and Rhyparochromidae (Rhyparochrominae). He also transferred *Psammidae to Piesmatidae and *Henicocorinae to *Idiostolidae (*Idiostoloidea). The authors of this catalogue, however, do not follow this classification, because they do not share the cladistic approach of classification and accept paraphyletic groups as usual (and prevalent) element of the latter. Future investigations should reveal, whether splitting of Lygaeidae into many families is justified. The sequence of families is given as follows: first Lygaeidae in traditional composition, then Piesmatidae, followed by the families of the so-called "malcid line".

Pyrrhocoroidea and Coreoidea currently are split into two and five families respectively (in the beginning of the 20th century, each superfamily was considered as family: Pyrrhocoridae and Coreidae), and Pentatomoidea is split into 15-20 families, some of them

not universally accepted. Dolling (1981) proposed to include several small families into Cydnidae as subfamilies, but his proposal was not followed by other authors.

Infraorder PENTATOMOMORPHA Leston, Pendergrast & Southwood, 1954
PENTATOMOMORPHA Leston, Pendergrast & Southwood, 1954: 92 (group).

Superfamily ARADOIDEA Brullé, 1836

E. Heiss

Family ARADIDAE Brullé, 1836 - Flat Bugs

The family includes eight subfamilies, about 200 genera and at least 2000 species presently known. The three extralimital subfamilies (Chinamyersiinae, Isoderminae, and Prosynpiestinae) are restricted to the Australia-New Zealand-South America belt. While most of the Aradinae inhabit the Holarctic arboreal, the by far largest number of taxa classified in the Aneurinae, Calisiinae, Carventinae and Mezirinae occurs in tropical and subtropical forests. Ranging from 2.2 to 20 mm in size, most of the Aradidae are flattened dorsoventrally and live on or under the bark of decaying trees and twigs or in debris on the floor of moist forests, always associated with fungal mycelia. Several species of Aneurinae, Aradinae and Calisiinae feed on sap of dying or living trees.

Nearly all Palaearctic species are macropterous, although wing polymorphism occurs in some species of *Aradus* and *Quilnus*, but in the tropics there is a large number of apterous genera and species with highly modified dorsal body structures.

Only one species, *Aradus cinnamomeus* is of some economic importance, causing severe damage in pine forests in N Europe, sucking on the phloem, cambium and xylem of living pine trees (Heliövaara, 1984).

The suprageneric classification follows the basic work of Usinger & Matsuda (1959). Phylogenetic relationship of Aradid subfamilies is still discussed, the most recent study is by Grozeva & Kerzhner (1992). The presently adopted placement of the superfamily Aradoidea within the infraorder Pentatomomorpha, however, is questioned by Sweet (1996), whose proposal for a separate infraorder Aradomorpha is strongly supported by several unique apomorphies, such as the lack of trichobothria, occurring in all other Pentatomomorphan superfamilies. Henry (1997a) hypothesizes that Aradoidea belong to and are the sister group to the remainder of Pentatomomorpha.

Catalogues: Oshanin, 1912 (Palaearctic, outdated); Stichel, 1957, 1959 (Palaearctic); Kormilev & Froeschner, 1987 (World). Monographs: Usinger and Matsuda, 1959 (World); Kiritshenko, 1913 (Palaearctic); S.L. Liu, 1981a (CH).

Note: The citations of names of varieties in subspecies format by Kormilev & Froeschner (1987) are not considered as upgradings to subspecific rank in itself.

Family ARADIDAE Brullé, 1836

ARADIDAE Brullé, 1836: 326 (Aradiens, as family); Spinola, 1837: 157 (Aradites, as family). Type genus: *Aradus* Fabricius, 1803.

Note: Thirteen holotypes of Aradidae described by S.L. Liu (1980, 1981a, 1981b), which according to the original descriptions are deposited at TMNH, one holotype of S.L. Liu (1980), and two holotypes of Hsiao (1964a) deposited at NKUM, could not be located there in 1992. Their present depository is unknown.

Ref.: Vászrhelyi, 1987 (subfam.).

Subfamily ANEURINAE Douglas & Scott, 1865

ANEURINAE Douglas & Scott, 1865: 26 (Aneuridae, as family). Type genus: *Aneurus* Curtis, 1825.

Genus *Aneurillodes* Heiss, 1999

Aneurillodes Heiss, 1999a: 1012. Type species by original designation: *Aneurus (Aneurillus) glaberrimus* Kerzhner, 1979.

***Aneurillodes glaberrimus* (Kerzhner, 1979)**

Aneurus (*Aneurillus*) *glaberrimus* Kerzhner, 1979a: 57. HT: ♂, RU (FE), Kurile Islands, Kunashir, Golovnina Volcano; ZMAS.

Distr. AS: RU (FE: Kurile Is).

Ref.: Heiss, 1999a (*Aneurillodes*).

Genus *Aneurillus* Kormilev, 1968

Aneurillus Kormilev, 1968: 259 (as subgenus of *Aneurus*, upgraded by Kormilev & Froeschner, 1987: 22). Type species by original designation: *Aneurus cetratus* Bergroth, 1894, Oriental Region.

Ref.: Heiss, 1999a (rev., tax.); Jacobs, 1986 (tax., phylog., cytogen.).

***Aneurillus elongatus* (S.L. Liu, 1981)**

Aneurus elongatus S.L. Liu, 1981b: 185, 187. HT: ♀, CH (SE), Hainan, Dia-luo-shan; TMNH?

Distr. AS: CH (SE: Hainan).

Ref.: Heiss, 1999a; S.L. Liu, 1981a (key, fig.).

Genus *Aneurus* Curtis, 1825

Aneurus Curtis, 1825: text to pl. 86. Type species by original designation: *Acanthia laevis* Fabricius, 1775.

Ref.: Bergroth, 1914a; Heiss, 1998a (subgenera).

Subgenus *Aneurodes* Heiss, 1998

Aneurodes Heiss, 1998a: 313 (as subgenus of *Aneurus*). Type species by original designation: *Aradus avenius* Dufour, 1833.

Note: All species (except those already transferred), reported as *Aneurus* from the Eastern Palaearctic Region and CH, are tentatively assigned to this subgenus unless their true systematic position can be proved by examination of types. Most of them are expected to belong to *Paraneurus*.

Ref.: Heiss, 1998a.

***Aneurus avenius avenius* (Dufour, 1833)**

Aradus avenius Dufour, 1833: 182. STS: ♂, ♀, FR, Landes, Saint-Sever; MNHN.

Aneurus laevis (non Fabricius, 1775): Mjöberg, 1903: 79; 1909: 1. Misidentification (see Bergroth, 1907).

Distr. EU: AU BE BU BY CZ DE EK FI FR GB GE GR HU IT LA LU MD NL NR PL RO! RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AK AR AT GG RU (ES FE WS).

Ref.: Heiss, 1998a; Štys, 1974 (morph.).

***Aneurus avenius tagasastei* Enderlein, 1931**

Aneurus tagasastei Enderlein, 1931: 193 (downgraded by Štys, 1975: 407). STS: ♂, ♀, CI, Tenerife, Montaña Bermeja and Agua Mansa (♀); lost ? (see Štys, 1974: 98).

Distr. NA: CI.

Ref.: Heiss, 1998a; Štys, 1974, 1975.

***Aneurus hainanensis* Kormilev, 1968**

Aneurus hainanensis Kormilev, 1968: 250, 252. HT: ♂, CH (SE), Hainan, Kiung-shen Distr., Cheng-kon-ts'uen, Ka-luk-kon E Nam-fung; BPBM.

Distr. AS: CH (SE: Hainan).

Ref.: S.L. Liu, 1981a (key).

***Aneurus insularis* Kormilev, 1971**

Aneurus insularis Kormilev, 1971a: 709. HT: ♂, CH (SE), Hainan, Kiung-shen Distr., Tai-pin-ts'uen, Lamke-heung, Lai-mo-ling mountain range; BPBM.
Distr. AS: CH (SE: Hainan).
Ref.: S.L. Liu, 1981a (key).

***Aneurus nitidulus* Kormilev, 1955**

Aneurus nitidulus Kormilev, 1955a: 189. HT: ♀, CH (SE), Fukien [= Fujian], Yungan [= Yongan] City; NCHU.
Distr. AS: CH (SE: Fujian, Hainan) JA RU (FE: Kurile Is, Kunashir).
Ref.: Kerzhner, 1979a (redescr., fig.); S.L. Liu, 1981a (key).

***Aneurus similis* S.L. Liu, 1981**

Aneurus similis S.L. Liu, 1981a: 243, 612. HT: ♀, CH (SE), Guangxi, Wuming, Daming shan; coll. Beijing Agricultural University, Beijing, CH.
Distr. AS: CH (SE) JA.

***Aneurus sublobatus* Kormilev, 1968**

Aneurus sublobatus Kormilev, 1968: 250, 254. HT: ♂, CH (SE), Hainan, Kiung-shen Distr., Tai-pin-ts'uen, Lamke-heung, Lai-mo-ling mountain range; BPBM.
Distr. AS: CH (SE: Hainan).
Ref.: S.L. Liu, 1981a (key).

Subgenus *Aneurus* Curtis, 1825

***Aneurus laevis laevis* (Fabricius, 1775)**

Acanthia laevis Fabricius, 1775: 695. LT (Heiss, 1997a: 49): ♀, GB, "Anglia"; ZMUC.
Acanthia carpini Schrank, 1801: 63 (syn. Schrank, 1801: 63). STS: GE, Bavaria, Landshut; lost.
? *Acanthia ferruginea* Duméril, 1804: 102 (syn. Heiss, 2000a: 1168). ST(S): FR?; lost.
Aneurus tuberculatus Mjöberg, 1903: 79 (syn. Bergroth, 1907: 116). STS: ♂, ♀, SV, Öland Island; NHRS.
Distr. EU: AL AU BE BU CR CZ DE FR GB GE GR HU IT LS MC MD NL NR? PL RU (CT NT ST) SK SL SP SV SZ UK YU. NA: MO. AS: AB AR AT GG.
Ref.: Heiss, 1998a; Štys, 1974 (morph.); Vásárhelyi, 1980a (larvae).

***Aneurus laevis intermedius* Wagner, 1971**

Aneurus laevis intermedius Wagner, 1971: 31. HT: ♂, IN, Mazanderan Prov., Rudbarale, Sardabrud Valley; ZMUH.
Distr. AS: IN.

Subgenus *Neaneurus* Heiss, 1998

Neaneurus Heiss, 1998a: 313 (as subgenus of *Aneurus*). Type species by original designation: *Aneurus macrotylus* Jakovlev, 1880.

***Aneurus hubeiensis* S.L. Liu, 1981**

Aneurus hubeiensis S.L. Liu, 1981b: 185, 187. HT: ♂, CH (CE), Hubei, Shen-nong-jia, Da-jiu-hu; TMNH?
Distr. AS: CH (CE).
Ref.: Heiss, 1998b (fig., *Neaneurus*); S.L. Liu, 1981a (fig.).

***Aneurus macrotylus* Jakovlev, 1880**

Aneurus macrotylus Jakovlev, 1880: 169. LT (Heiss, 2000a: 1164: ♂, RU (FE), Vladivostok; ZMAS.
Distr. AS: CH? JA KO RU (FE).
Ref.: Heiss, 1998b (*Neaneurus*, fig.); Kiritschenko, 1913 (redescr.).

Note: The record from EK by Kiritshenko (1959a) is based on occasionally imported specimens.

***Aneurus shaanxianus* Heiss, 1998**

Aneurus (Neaneurus) shaanxianus Heiss, 1998b: 838. HT: ♂, CH (NO), Shaanxi, Quin Ling Shan Mt.; coll. Heiss, Innsbruck, AU.

Distr. AS: CH (NO).

Genus *Iralunelus* Štys, 1974

Iralunelus Štys, 1974: 91 (as subgenus of *Aneurus*; upgraded by Kormilev & Froeschner, 1987: 31). Type species by original designation: *Aneurus (Iralunelus) gallicus* Štys, 1974.

***Iralunelus gallicus* (Štys, 1974)**

?*Aneurus mimeuri* Vidal, 1941: 39 (downgraded to subspecies of *avenius* by Ribes, 1988: 137; syn. nov., see note). HT: ♀, MO, Bas-Fouhal; lost.

Aneurus (Iralunelus) gallicus Štys, 1974: 94. HT: ♀, FR, Bouches-du-Rhone, Eyguières; KUPC (coll. Štys).

Distr. EU: FR SP. **NA:** MO.

Ref.: Štys, 1974 (morph.).

Note: The single type specimen of *Aneurus mimeuri* could not be traced in Rabat. Further specimens originating from MO belong to *A. laevis*, with which *mimeuri* was compared by Vidal, and *I. gallicus*, to which his description fits as well. Therefore the synonymy is proposed.

Genus *Paraneurus* Jacobs, 1986

Paraneurus Jacobs, 1986: 17 (as subgenus of *Aneurus*; upgraded by Kormilev & Froeschner, 1987: 34). Type species by original designation: *Aneurus ruandae* Hoberlandt, 1956, E Africa, Ruanda.

***Paraneurus bimaculatus* (Kormilev & Heiss, 1977) comb. nov.**

Aneurus bimaculatus Kormilev & Heiss, 1977: 97. HT: ♂, TA, Kosempo [= Chiahshien]; coll. Heiss, Innsbruck, AU.

Distr. AS: TA.

***Paraneurus galiae* (Kerzhner, 1979) comb. nov.**

Aneurus insularis (non Kormilev, 1971): Krivolutzkaya, 1973: 53. Nomen nudum.

Aneurus galiae Kerzhner, 1979a: 57, 61. HT: ♂, RU (FE), Kurile Islands, Kunashir, Alekhino; ZMAS.

Distr. AS: JA RU (FE: Kurile Is).

***Paraneurus nipponicus* (Kormilev & Heiss, 1976) comb. nov.**

Aneurus nipponicus Kormilev & Heiss, 1976: 224. HT: ♂, JA, Honshu, Mt. Rokko nr Kobe; coll. Heiss, Innsbruck, AU.

Distr. AS: JA RU (FE: Kurile Is, Sakhalin).

Ref.: Kerzhner, 1979a (distr., key).

***Paraneurus oviventris* (Kormilev & Heiss, 1976) comb. nov.**

Aneurus oviventris Kormilev & Heiss, 1976: 224. HT: ♂, TA, Mt Hoozan [= Fengshan]; ZMHB.

Distr. AS: TA.

***Paraneurus sinensis* (Kiritshenko, 1913)**

Aneurus sinensis Kiritshenko, 1913: 37, 46. HT: ♂, CH (SW), Sz'tscwan [= Sichuan], Ta-tsien-lu [= Kangding]; ZMAS.

Distr. AS: CH (SW) JA.

Ref.: Heiss, 1989a (*Paraneurus*); S.L. Liu, 1981a (fig.).

***Paraneurus sinuatipennis* (Bergroth, 1914) comb. nov.**

Aneurus sinuatipennis Bergroth, 1914a: 99, 107. ST: ♀, N India, Dardjiling [= Darjeeling]; MNHN?

Distr. AS: CH (SW: Yunnan) TA. **EL:** India, Nepal.

Ref.: Kormilev, 1968 (redescr., distr.); S.L. Liu, 1981a (fig.).

***Paraneurus taiwanensis* (Kormilev, 1972) comb. nov.**

Aneurus taiwanensis Kormilev, 1972a: 555. HT: ♂, TA, Arisan [= Alishan]; BPBM.

Distr. AS: TA.

***Paraneurus yunnanensis* (Hsiao, 1964) comb. nov.**

Aneurus yunnanensis Hsiao, 1964a: 587, 600. HT: ♂, CH (SW), Yunnan, Meng-hai County, Nan-nuo-shan hill; IZAS.

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

Ref.: Kormilev, 1968 (distr.); S.L. Liu, 1981a (fig.).

Subfamily ARADINAE Brullé, 1836

Genus *Aradus* Fabricius, 1803

Aradus Fabricius, 1803: 116. Type species by subsequent designation (Latreille, 1810: 433): *Cimex betulae* Linnaeus, 1758.

Piestosoma Laporte, 1833: 53 (syn. Herrich-Schaeffer, 1840a: 93). Type species by monotypy: *Acanthia depressa* Fabricius, 1794.

Aneurisoma A. Costa, 1862: 36 (syn. Puton, 1875a: 32). Type species by monotypy *Aradus lucasii* A. Costa, 1853 (= *Aradus flavicornis* Dalman, 1823).

Stenopterus Signoret, 1865: 120 (junior homonym of *Stenopterus* Illiger, 1804, Coleoptera; syn. Puton, 1876: 281, suspected; 1886a:35). Type species by monotypy: *Stenopterus perrisi* Signoret, 1865 (= *Aradus stenopterus* Bergroth, 1887).

Leptopterus Puton, 1875a: 32 (junior homonym of *Leptopterus* Bonaparte, 1854, Aves). New name for *Stenopterus* Signoret, 1865.

Ref.: Gyllensvärd, 1964 (key, male genitalia, SV); Heiss, 1998c (types); Kanyukova, 1988a (key, RU (FE)); Kiritshenko, 1913 (key, outdated); V.G. Putshkov, 1974 (key, UK); Vásárhelyi, 1985 (key elder larvae of 23 spec.); Vinokurov, 1979 (key, Siberian species).

***Aradus angularis* J. Sahlberg, 1886**

Aradus angularis J. Sahlberg, 1886: 153. HT: ♀, RU (NT), Karelia, Petrozavodsk; MZHF.

Distr. EU: FI RU (CT NT) SV. **AS:** AK MG RU (ES FE WS).

***Aradus annulicornis* Fabricius, 1803**

Aradus annulicornis Fabricius, 1803: 118. LT (Heiss, 1997a: 47): ♀, AU, "Austria" (?); ZMUC.

Aradus anisotomus Puton, 1879a: 297 (syn. Heiss, 1997a: 47). Unnecessary new name for *annulicornis* sensu Reuter.

Aradus amplicollis Jakovlev, 1889a: 78 (syn. Jakovlev, 1903a: 322, with *anisotomus*). HT: ♀, RU (ES), Krasnoyarsk Terr., Minusinsk; ZMAS.

Distr. EU: FI RU (CT: Urals NT) UK. **AS:** MG RU (ES FE WS).

Ref.: Heiss, 1997a (syn., fig.); Kiritshenko, 1913 (redescr., fig., as *anisotomus*); Vásárhelyi, 1986 (larva).

Note: The synonymy of *amplicollis* with *anisotomus* was established by Jakovlev (1903a),

not by Oshanin (1908), as cited by Kormilev & Froeschner (1987: 36). The record of *anisotomus* from Sicily by Ragusa (1907) refers to *brenskei*, and the reference for SP by Montes Nieto (1982: fig. 1) is wrong.

***Aradus aterrimus* Fieber, 1864**

?*Acanthia aterrima* Duméril, 1804: 102. Nomen oblitum (see Heiss, 2000a: 1167).

Aradus aterrimus Fieber, 1864: 210. HT: ♂, GB, "England"; not located.

Aradus moestus Reuter, 1872: 59 (downgraded to var. by Reuter, 1900a: 137, 139; as ssp. by Kormilev & Froeschner, 1987: 37; syn. nov.). HT: ♀, SV, Stockholm; MZHF?

Aradus morio Jakovlev, 1889b: 336 (syn. Kiritshenko, 1913: 249, suspected; Stichel, 1959: 303). LT (Heiss, 2000a: 1164): ♀, RU (FE), Amur Prov., Ovsyanka, Zeya River; ZMAS.

Aradus aterrimus var. *diversicollis* Reuter, 1900a: 137, 139 (as ssp. by Kormilev & Froeschner, 1987: 37; syn. nov.). HT: ♀, FI, Kontiolaks; MZHF?

Distr. EU: AU EN FI FR GB IT SK SL SP RO RU (CT NT ST: Caucasus) PL SV SZ UK. AS: AK MG RU (ES FE WS).

Ref.: Kiritshenko, 1913 (redescr., fig., as *morio*); S.L. Liu, 1981a (key).

***Aradus bergrothianus* Kiritshenko, 1913**

Aradus emarginatus Bergroth, 1885: 8 (junior primary homonym of *Aradus emarginatus* Say, 1832). ST(S): ♂, CH (NO), Peking [= Beijing]; MNHN.

Aradus bergrothianus Kiritshenko, 1913: 62, 124. New name for *emarginatus* Bergroth, 1885.

Distr. AS: CH (NO: Hebei) KO RU (FE).

Ref.: Kiritshenko, 1913 (redescr., fig.); S.L. Liu, 1981a (key).

***Aradus betulae* (Linnaeus, 1758)**

Cimex betulae Linnaeus, 1758: 443. ST(S): no locality given (presumably SV); LSUK (see note).

Acanthia varia Fabricius, 1798: 526 (syn. Reuter, 1902: 151). ST(S): FR, "Gallia" MNHN? (see Reuter, 1902; Zimsen, 1964).

Aradus ellipticus Dufour, 1845a: 453 (syn. Amyot, 1847: 248). ST(S): ♀, FR, Pyrénées; MNHN.

Aradus geneonymus Garbiglietti, 1869: 276 (syn. Puton, 1885: 137). ST(S): IT, Sardinia; MIZT?

Aradus betulae var. *simulans* Reuter, 1884a: 132 (as ssp. by Stichel, 1959: 303; syn. Kanyukova, 1984: 10). STS: ♂, ♀, GR, "Aetolia" and RU (FE), "Amuria"; MZHF.

Aradus betulae f. *ferrugineus* Kiritshenko, 1913: 191. For *Aradus ellipticus* sensu Kolenati, 1857. LT (Kanyukova, 1984: 10): ♂, RU (ST), Krasnodar Terr., Utsch-Dere [= Uch-Dere nr Sochi]; ZMAS.

Aradus betulae f. *meridionalis* Kiritshenko, 1913: 191 (as ssp. by Kiritshenko, 1918: 75; syn. Kanyukova, 1984: 10). LT (Kanyukova, 1984: 10): ♂, MD, Bel'tsy Distr., "Redenkovskaya" wood plot; ZMAS.

Aradus asper Blöte, 1965: 4 (syn. Kanyukova, 1984: 10). HT: ♂, RU (ES), Transbaikalia (Buryatia or Chita Prov.), "Borochojew"; RMNH.

Distr. EU: AL AN! AU BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA MC MD NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AK AR AT CH (NE) GG IS? JA KI MG RU (ES FE WS) UZ. EL: Pakistan (Sind: Kagan-Gun)!

Ref.: Gyllensvärd, 1958 (biol.); Kanyukova, 1984 (syn.); Reuter, 1884a (redescr.).

Note: In the Linnaean collection in LSUK there is one specimen without abdomen, but its other characters (pronotum, head and antennae) correspond to *betulae* as currently

understood. It has not been designated as lectotype. Concerning records from CH see note under *chinensis*.

***Aradus betulinus* Fallén, 1807**

Aradus betulinus Fallén, 1807: 32. STS: ♂, ♀, SV; MZLU.

Aradus crassicornis Boheman, 1852a: 78 (syn. Hoberlandt, 1956: 29). HT: SV, Westrogothia [= prov. Västergötland], "Sparresäter"; MZLU?

Distr. EU: AU BH BU BY CZ EN! FI FR GE HU IT LS MD NR PL RO RU (CT NT) SK SV SZ UK YU. **AS:** RU (ES FE WS).

Ref.: Tamanini, 1956 (biol., larvae).

***Aradus bimaculatus* Reuter, 1872**

Aradus bimaculatus Reuter, 1872: 58. HT: ♀, SV, Småland; MZHF.

Aradus sareptanus Jakovlev, 1874a: 268 (syn. Heiss, 1998c: 70). LT (Heiss, 1998c: 70): ♂? (damaged), RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Aradus sordidus Horváth, 1874a: 335 (syn. nov.). STS: ♂, ♀, HU, "Ofner Berge" [= nr Budapest]; HNHM.

Aradus selectus Jakovlev, 1878: 132 (syn. Kiritshenko, 1913: 236, with *sareptanus*). HT: ♂, RU (ST), Sarepta [= Krasnoarmeysk nr. Volgograd]; ZMAS.

Aradus hahni Reuter, 1884a: 135 (syn. nov.). HT: ♀, PL, Breslau [= Wrocław]; MZHF?

Aradus bergrothi Jakovlev, 1894: 136 (syn. Heiss, 1998c: 71). HT: ♂, UZ, Tashkent; ZMAS.

Distr. EU: AN AU CZ FI FR GE HU PL RU (CT NT ST) SV UK. **AS:** AK UZ.

Ref.: Heiss, 1998c (syn.); Péricart, 1989 (distr., fig.); Reuter, 1913 (redescr., fig. *sordidus*); Roubal, 1958a (fig., tax.).

***Aradus brenskei* Reuter, 1884**

Aradus brenskei Reuter, 1884a: 131. STS: ♂, ♀, GR, Morea, Cumani; MZHF.

Aradus longirostris Gyllensvärd, 1965: 247 (downgraded to subspecies by Tamanini, 1972: 27; syn. Kanyukova, 1984: 11). HT: ♂, DE, Kalundborg and Sorø; ZMUC.

Distr. EU: AU BH BU CR DE? FR GR HU IT RO SK SP? UK. **NA:** AG? **AS:** AB AT? IN.

Ref.: Tamanini, 1972; Vásárhelyi, 1986 (larvae).

Note: The specimens upon which *longirostris* was described were allegedly from DE, found in 1849 and 1857. As *brenskei* shows a mediterranean distribution and no further records from DE are known to date, mislabelling can be assumed.

***Aradus brevicollis* Fallén, 1807**

Aradus brevicollis Fallén, 1807: 33. ST(S): SV, "Westrogothia" [= prov. Västergötland]; UZIU.

Distr. EU: AU BY CZ GE FI HU LA NR PL RU (CT NT) SV SZ? UK. **AS:** RU (ES FE WS).

Ref.: Jordan, 1957 (larvae); Kiritshenko, 1913 (redescr., fig.).

***Aradus canariensis* Kormilev, 1954**

Aradus canariensis Kormilev, 1954: 204. HT: ♂, CI, Tenerife; HNHM.

Distr. NA: CI.

Ref.: Heiss, 1979a (fig.).

***Aradus caucasicus caucasicus* Kolenati, 1857**

Aradus caucasicus Kolenati, 1857: 438. NT (Kerzhner & Heiss, 1993: 116; Opinion 1783, 1994: 279): ♂, RU (ST), Derbent; ZMAS.

Aradus muricatus (non Hummel, 1827): Kolossow, 1929: 74 and auct. Misidentification (Kanyukova, 1984: 13).

- Distr.** EU: RU (ST: Caucasus) UK (Crimea). **AS:** AB AR AT GG.
Ref.: Kiritshenko, 1913 (fig.); Reuter, 1884a (redescr.).
Note: *Aradus muricatus* Hummel, 1827 is a junior synonym of *Phyllomorpha laciniata* Villers, 1789 (Coreidae), see Kanyukova, 1984.
- Aradus caucasicus margianus* Kiritshenko, 1913**
Aradus margianus Kiritshenko, 1913: 182 (downgraded to subspecies by Kanyukova, 1984: 14). LT (Kanyukova, 1984: 14): ♂, TM, Transcaspia, Imam-Baba; ZMAS.
Distr. AS: TM.
- Aradus caucasicus persicus* Vásárhelyi, 1977**
Aradus persicus Vásárhelyi, 1977: 223 (downgraded by Kanyukova, 1984: 13). HT: ♂, IN, "Persia sept. or. ostium fl. Kara-su"; ZMAS.
Distr. AS: IN.
- Aradus caucasicus turkestanicus* Jakovlev, 1894**
Aradus turkestanicus Jakovlev, 1894: 138 (downgraded by Kanyukova, 1984: 14). LT (Kanyukova, 1984: 14): ♂, UZ, Tashkent; ZMAS.
Distr. AS: IN? UZ.
Ref.: Kiritshenko, 1913 (redescr., fig.).
Note: The record from IN by Hoberlandt (1974) is doubted by Kanyukova (1984) and the records from CH refer to *A. hieroglyphicus*.
- Aradus cedri* Puton, 1873**
Aradus cedri Puton, 1873: 20. LT (Heiss, 1979a: 40): ♀, AG, Batna; MNHN.
Aradus maroccanus Kormilev, 1967a: 468 (syn. Heiss, 1979a: 40). HT: ♂, MO, Middle Atlas, Timhadit; BMNH.
Distr. EU: GR. NA: AG MO.
Ref.: Heiss, 1979a (fig.).
- Aradus chinensis* Vásárhelyi, 1988**
Aradus chinensis Vásárhelyi, 1988a: 89. HT: ♂, CH (NO), Tientsin [= Tianjin]; DEIC.
Distr. AS: CH (NO).
Note: The species reported from CH by S.L. Liu (1981a) as *A. betulae* (Linnaeus, 1758) was misidentified and refers to *chinensis*.
- Aradus cilicicus* Heiss, 1990**
Aradus cilicicus Heiss, 1990a: 110 (also as "*cilicicum*", lapsus). HT: ♂, AT, "Syrie Akbès" [= Gaziantep Prov., Ekbaz]; coll. Heiss, Innsbruck, AU.
Distr. AS: AT.
- Aradus cinnamomeus* Panzer, 1806**
Aradus cinnamomeus Panzer, 1806: text to pl. 20. ST(S): ♀ (macr.), GE, "Mannhem" [= Mannheim]; lost.
Aradus leptopterus Germar, 1834: text to pl. 8 (syn. Dohrn, 1859: 43, suspected; Fieber, 1860: 111. STS: ♂, ♀, GE, Luneburg [= Lüneburg] and Hala [= Halle an der Saale]; ZMUL.
Aradus perrisi Dufour, 1845b: 225 (syn. Amyot, 1846: 251, suspected; Herrich-Schaeffer, 1853b: 16, with *leptopterus*). HT: ♂ (stenopt.), FR, Mont-de-Marsan; MNHN.
Aradus albopunctatus Scholtz, 1847: 116 (syn. Fieber, 1860: 111). STS: 2♀ (macr.), PL, Breslau [= Wrocław]; not in UWCP, lost?
Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IT LA LT LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AK AR AT GG IS RU (WS).

Ref.: Heiss, 1980; Heliövaara, 1984 (biol.).

***Aradus compar* Kiritshenko, 1913**

Aradus compar Kiritshenko, 1913: 63, 128. HT: ♂, RU (FE), Vladivostok; ZMAS.

Distr. AS: CH (CE: Hubei NO: Shaanxi NW: Gansu) KO RU (FE).

Ref.: Kanyukova, 1988a (key); S.L. Liu, 1981a (key, fig.).

***Aradus consentaneus* Horváth, 1905**

Aradus consentaneus Horváth, 1905a: 415. HT: ♂, JA, Hokkaido, Sapporo; HNHN.

Distr. AS: JA RU (FE).

Ref.: Esaki, 1950 (fig.); Kanyukova, 1988a (key).

***Aradus conspicuus* Herrich-Schaeffer, 1835**

Aradus conspicuus Herrich-Schaeffer, 1835a: 59, 95. ST(S): GE; lost.

Aradus dilatatus Dufour, 1845a: 452 (syn. Germar, 1838: 133). STS: FR, Pyrénées (MNHN) and IT, Sardinia (MRSN, 1 ST).

Aradus annulipes Boheman, 1852a: 77 (syn. Fieber, 1861a: 113). STS: ♂, ♀, SV, Scania [= Skåne], Sjöbo; NHRS.

Aradus dilatatus var. *nigricans* Reuter, 1891c: 27. ST(S): GR, Morea, Divri; MZHF?

Aradus crenatus (non Say, 1832): auct. Misidentification (see Heiss, 1980: 104). *Aradus crenatus* Say is a Nearctic species.

Distr. EU: AL AU BH BU BY CR CZ DE FR GE GR HU IT LU MC NR PL RO RU (CT ST) SK SL SP SV SZ UK YU. NA: TU! AS: AT RU (WS) SY?

Ref.: Heiss, 1980 (nomencl., morph.).

Note: The identity of specimens reported from CH (NO: Gansu; CE: Hubei) by Hsiao (1964b) and S. L. Liu (1981c) as *A. crenatus* has to be confirmed, they may refer to a new species. Records from AB, GG and RU (ST: Dagestan) refer to *A. inopinus*, see note under the latter.

***Aradus corticalis* (Linnaeus, 1758)**

Cimex corticalis Linnaeus, 1758: 442. ST(S): ♀, SV (presumably); LSUK (see note).

Aradus complanatus Burmeister, 1835: 256 (syn. R. F. Sahlberg, 1848: 143). ST(S): GE; MLUH?

Aradus annulicornis (non Fabricius, 1803): Fieber, 1861a: 113. Misidentification (see Bergroth, 1887a: 245; Heiss, 1997a: 47).

Aradus megerlei Reuter, 1881a: 172 (syn. Heiss, 1979b: 124). For *A. crenaticollis* sensu Fieber, 1861. LT (Heiss, 1979b: 124): ♀, AU?; NHMW.

Aradus melancholicus Puton, 1879b: 134 (syn. Reuter, 1881a: 173, with *A. annulicornis* sensu Fieber, 1861). HT: ♀, FR, Gray; MNHN.

Aradus melas Jakovlev, 1880: 168 (syn. Kerzhner, 1978: 49). HT: ♀, RU (FE), Vladivostok; ZMAS.

Aradus nigellus Kiritshenko, 1926: 62 (syn. V.G. Putshkov, 1974: 108). LT (Heiss, 2000a: 1164): ♂, UK, Kamenets-Podol'skiy; ZMAS.

Aradus (Aradus) kiritshenkoi Kormilev, 1970: 203 (syn. Kerzhner, 1978: 49). HT: ♂, RU (FE), Vladivostok; NHMW.

Distr. EU: AL AU BE? BH BU BY CR CZ DE EN FI FR GB GE HU IT LA LS LT MC MD NL? NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AK AT CH (NE: Jilin NO: Shaanxi) GG JA RU (ES WS).

Ref.: Heiss, 1979b (♂ genit.); Hsiao, 1964b; S.L. Liu 1981a (as *melas*); Tamanini, 1956 (biol., larvae).

Note: The Linnaean collection in LSUK comprises four partly damaged specimens under the name *Cimex corticalis*. Their investigation has shown, that two males are *A. betulinus*, one male is *A. lugubris* and one female, with missing antennal segments III and IV, labelled "*A. corticalis*" is *A. corticalis* as subsequently understood.

***Aradus crenaticollis* R.F. Sahlberg, 1848**

Aradus crenaticollis R.F. Sahlberg, 1848: 139. STS: ♂, ♀, FI, Yläne and Ulaburgum [= Oulu]; MZHF.

Aradus wagneri Jakovlev, 1865: 113 (syn. Kiritshenko, 1911a: 93). LT (Heiss, 2000a: 1165): ♀ RU (CT), Kazan'; ZMAS.

Distr. EU: AU FI FR GE IT LA NR RU (CT NT) SV SZ. AS: AK MG RU (ES FE WS).

Ref.: Kiritshenko, 1913 (redescr., fig.); Reuter, 1872, 1913 (redescr.); Vásárhelyi, 1986 (larva).

Note.: The reference for SP by Montes Nieto (1982: fig. 6) is wrong.

***Aradus czerskii* Kiritshenko, 1915**

Aradus (Quilbus) czerskii Kiritshenko, 1915a: 149. LT (Heiss, 2000a: 1164): ♂, RU (FE), Odarkovskiy Zavod nr Spaskoje [= Spassk-Dalniy]; ZMAS.

Distr. AS: JA RU (FE).

Ref.: Kiritshenko, 1955 (fig.).

***Aradus depressus depressus* (Fabricius, 1794)**

?*Cimex leviathan* Goeze, 1778: 242 (syn. Dolling et al., 1999: 52). For *Cimex* No. 9 in Geoffroy (1762: 439). ST(S): FR, Paris; lost.

?*Cimex leviatan* Geoffroy in Fourcroy, 1785: 197. Objective synonym of *leviathan* Goeze, 1778.

Acanthia depressa Fabricius, 1794: 72. LT (Heiss, 1997a: 49): ♀, GE ("Germania"); ZMUC.

Acanthia plana Fabricius, 1794: 73 (syn. Herrich-Schaeffer, 1853b: 16). LT (Heiss, 1997a: 50): ♂, GE, "Saxonia"; ZMUC.

?*Acanthia alata* Fabricius, 1794: 76 (syn. Reuter, 1888a: 232). ST(S): SV, lost (not in ZMUC). Most possibly not an Aradidae but a Tingidae.

Aradus montivagus Kirkaldy, 1909a: 30. Unnecessary new name for *plana* Fabricius, 1803 (see Horváth, 1911a: 584).

Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA LS LU NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AR GG RU (ES FE WS).

Ref.: Heiss, 1997a (types); Reuter, 1888a (syn.); Tamanini, 1950 (morph.).

***Aradus depressus leptocerus* Horváth, 1882**

Aradus depressus var. *leptocerus* Horváth, 1882a: 223 (upgraded to ssp. by Kiritshenko, 1913: 95). STS: AB, Lenkoran; HNHM.

Distr. AS: AB IN.

***Aradus discompar* Hsiao, 1964**

Aradus discompar Hsiao, 1964b: 73, 75. HT: ♂, CH (SW), Szechuan [= Sichuan], Mt. Emei; NKUM?

Distr. AS: CH (SW: Sichuan).

***Aradus dissimilis dissimilis* A. Costa, 1847**

Aradus dissimilis A. Costa, 1847a: 18. LT (Heiss, 1994: 150): ♀, IT, "colle Camaldolensi" [= Camaldoli nr Naples]; ZIUN.

Distr. EU: BH FR IT RO.

Ref.: Heiss, 1994 (types); Tamanini, 1950 (morph.).

***Aradus dissimilis alpinus* Seidenstücker, 1952**

Aradus dissimilis alpinus Seidenstücker, 1952: 62. HT: ♂, GE, Bavaria, nr Berchtesgaden; ZSMC (coll. Seidenstücker).

Distr. EU: AU GE.

Ref.: Seidenstücker, 1952 (ecol.).

***Aradus dissors* Kiritshenko, 1913**

Aradus dissors Kiritshenko, 1913: 66, 227. LT (Heiss, 1998c: 71): ♂, RU (FE), Vladivostok; ZMAS.

Distr. AS: RU (FE).

***Aradus distinctus* Fieber, 1860**

Aradus distinctus Fieber, 1860: 111. LT (Heiss, 2000a: 1164): ♂, AU?; NHMW.

Aradus eversmanni Jakovlev, 1878: 131 (syn. Vásárhelyi, 1977: 221). HT: ♀, RU (ST), "Orenburg Gouv."; ZMAS.

Distr. EU: AU BU CR CZ GE HU MD RO RU (CT: nr Kazan' ST) SK UK YU. AS: AK?

Ref.: Reuter, 1913 (redescr., fig.).

***Aradus diversicornis* Horváth, 1878**

Aradus diversicornis Horváth, 1878: 80. STS: 1♂, 1♀, AB, Lenkoran; HNHN.

Distr. AS: AB GG IN.

***Aradus erosus* Fallén, 1807**

Aradus erosus Fallén, 1807: 33. ST(S): SV, "Westrogothia" [= prov. Västergötland]; UZIU.

Aradus tristis Herrich-Schaeffer, 1847: 116 (syn. Baerensprung, 1860: 21). ST(S): GE (south); lost.

Aradus armatus Kolenati, 1857: 440 (syn. Reuter, 1881a: 171). ST(S): ♀, RU (ST), Krasnodar Terr., Urup River [in error, actually RU (NT), St. Petersburg (see Reuter, 1881a: 171)]; NHMW.

Distr. EU: AU CZ FI GE IT LA LS NR PL RU (CT NT) SK SL SV. AS: RU (ES FE WS).

Ref.: Fieber, 1860 (redescr. of ST); Kiritshenko, 1913 (fig.); Reuter, 1872 (redescr.).

***Aradus esakii* Kormilev & Heiss, 1976**

Aradus esakii Kormilev & Heiss, 1976: 221. HT: ♂, JA, Honshu, Hakone National Park; coll. Heiss, Innsbruck, AU.

Distr. AS: JA (Honshu).

***Aradus flavicornis* Dalman, 1823**

Aradus flavicornis Dalman, 1823: 88. ST(S): "Sierra Leone" [West Africa]; NHRS.

Aradus melaenus Germar, 1838: 135 (syn. Kiritshenko, 1924a: 20). ST: ♀ (damaged), South Africa, "Promontorii Bonae Spei" [= Cape of Good Hope]; ZMAS; no ST located in ZMUL.

Piestosoma flavomaculata Lucas, 1849: 56 (syn. Puton, 1878a: 42). HT: ♀, AG, Kouba nr Alger [= Algier]; MNHN.

Aradus lucasii A. Costa, 1853: 9 (syn. Puton, 1874a: 227, with *flavomaculatus*). LT (Heiss, 1994: 151): ♀, IT, "Japygia" [= Apulia]; ZIUN.

Aradus macrophthalmus Jakovlev, 1878: 130 (syn. Kiritshenko, 1913: 217). HT: ♀, RU (ST), Derbent; ZMAS.

Aradus marani Hoberlandt, 1957: 7 (syn. Kormilev, 1974: 60). HT: ♀, Madagascar, Namoroka; coll. Institut Scientifique de Madagascar, Tananarive.

Distr. EU: AN! BU CR ET FR GR IT MC PO RU (ST) SP YU? NA: AG CI EG LB MO TU. AS: AB AK AT SA TM UZ YE! EL: Afrotropical Region.

Ref.: Heiss, 1979a (fig.), 1994 (types).

Note: Citation and synonymy of *lucasii* in Kormilev & Froeschner (1987: 45) are incorrect. On the dates of publication of A. Costa's papers, see Kerzhner (1974).

***Aradus frigidus* Kiritshenko, 1913**

Aradus pallescens frigidus Kiritshenko, 1913: 62, 114 (upgraded by Tamanini, 1955: 45). LT (Tamanini, 1974a: 63): ♂, RU (ES), Yakutia, Zhigansk; MZHF.

Aradus lukjanovitshi Kiritshenko, 1955: 154 (syn. Vinokurov, 1979: 199). HT: ♀ (macr.), RU (ES), Buryatia, Khamnegaday nr Kyakhta; ZMAS.

Aradus italicus Kormilev, 1970: 201 (syn. Tamanini, 1974a: 68). HT: ♀ (brach.), IT, Mt Grigna; NHMW.

Distr. EU: AL AU BU FR GR IT SP SV. AS: RU (ES FE).

Ref.: Heiss, 1983a (ecol., distr.); Tamanini, 1955 (biol., ecol.), 1974.

Note: The record of *pallescens* from FR (Puton, 1879b: Hautes-Pyrénées) refers to this species.

***Aradus graecus* Heiss, 1997**

Aradus graecus Heiss, 1997b: 31. HT: ♂, GR, 30 km N of Agrinion on the road to Karpenision; coll. Heiss, Innsbruck, AU.

Distr. EU: GR.

***Aradus gretae* Kiritshenko, 1955**

Aradus gretae Kiritshenko, 1955: 255. HT: ♀, RU (FE), Primorsk Terr., Krivoy Klyuch, tributary of Suputinka [= Komarovka]; ZMAS.

Distr. AS: RU (FE).

Ref.: Kanyukova, 1988a (key).

***Aradus herculeanus* Kiritshenko, 1913**

Aradus betulae f. *herculeanus* Kiritshenko, 1913: 192 (upgraded by Kanyukova, 1984: 10). LT (Kanyukova, 1984: 10): ♀, RU (FE), Primorsk Terr., Odarka River, 25 verst of Evgen'evka [= Spassk-Dalniy]; ZMAS.

Distr. AS: RU (FE).

Ref.: Kanyukova, 1984 (fig.), 1988a (key).

***Aradus hieroglyphicus* J. Sahlberg, 1878**

Aradus hieroglyphicus J. Sahlberg, 1878: 22 (conserved by Opinion 1783, 1994).

STS: ♂, ♀, RU (ES), Krasnoyarsk Terr., Jeniseisk [= Yeniseysk]; NHRS.

Aradus transiliensis Skopin, 1953: 92 (syn. Kanyukova, 1984: 12). LT (Kanyukova, 1984: 12): ♂, AK, Alma Ata; ZMAS.

Aradus turkestanicus (non Jakovlev, 1894): Hsiao, 1964b: 71; S. L. Liu, 1981a: 237. Misidentification!

Distr. AS: AK CH (NE NW) JA (Honshu) KI KO RU (ES FE WS).

Ref.: Hsiao 1964b (as *turkestanicus*); Kanyukova, 1984; Kerzhner & Heiss, 1993 (nomencl.); S.L. Liu, 1981a (key., fig., as *turkestanicus*).

Note: Records from RU (CT NT) refer to *ribauti* (see Kanyukova, 1984).

***Aradus horvathi* Vásárhelyi, 1984**

Aradus horvathi Vásárhelyi, 1984: 129. HT: ♂, RO, Mt. Cozia; coll. Natural History Museum Sibiu, RO.

Distr. EU: FR RO.

Ref.: Heiss & Matocq, 1988 (fig.).

***Aradus inopinus* Kiritshenko, 1955**

Aradus inopinus Kiritshenko, 1955: 255. HT: ♂, TM, Kopet Dag, south-eastern slope of Mt Syunt; ZMAS.

Distr. EU: RU (ST: Dagestan). AS: AB AR GG IN TM.

Ref.: Heiss, 1980; Hoberlandt, 1974 (IN, as *crenatus*).

Note: The specimens reported as *dilatatus* by Jakovlev (1879, 1908) and Horváth (1880a,

1886a) from Dagestan, AB and GG refer to *inopinus* not *conspicuus*.

***Aradus komarowii* Jakovlev, 1885**

Aradus komarowii Jakovlev, 1885: 122. LT (Heiss, 1998c): ♀ (macr.), TD, Chulli W Ashkhabad; ZMAS.

Aradus komarovi Kiritshenko, 1913: 156. Unjustified emendation.

Aradus hissaricus: Kiritshenko, 1951a: 183. Nomen nudum.

Aradus hissaricus Kiritshenko, 1955: 257 (syn. Vásárhelyi, 1986: 166, suspected; Heiss, 1998c: 74). LT (Heiss, 1998c: 74): ♀ (brach.), TD, Hodzha-obi-Garm N Dushanbe (Gissar Mts); ZMAS.

Distr. AS: TD TM.

Ref.: Kiritshenko, 1913 (redescr., fig.); Vásárhelyi, 1986 (larvae).

***Aradus krueperi* Reuter, 1884**

Aradus krueperi Reuter, 1884a: 130. LT (Tamanini, 1972: 23): ♀, GR, Aetolia; MZHF.

Aradus caucasicus (non Kolenati, 1857): Puton, 1879b: 138 Misidentification (see Reuter, 1885a: 149).

Aradus bureschi Josifov, 1958a: 261 (syn. Tamanini, 1972: 26): HT, ♀, BU, Kasanlik; ZISB.

Distr. EU: AL AU BH BU CZ FR GE GR HU IT MC SP? UK YU? NA: MO? AS: AT.

Ref.: Tamanini, 1972; Vásárhelyi, 1982a (larvae).

***Aradus kuthyi* Horváth, 1899**

Aradus kuthyi Horváth, 1899a: 449. HT: ♀, HU, Isaszeg; HNHM.

Distr. EU: AL AU CZ HU SK.

Ref.: Hoberlandt, 1955 (redescr., fig.); Vásárhelyi, 1976 (tax.).

***Aradus laeviusculus* Reuter, 1875**

Aradus laeviusculus Reuter, 1875a: 329. HT: ♂, FI, Yläne; MZHF.

Aradus simillimus Reuter, 1875a: 328 (downgraded to var. by Reuter, 1900a: 136, 139; as ssp. by Kormilev & Froeschner, 1987: 48; syn. nov.). HT: ♀, FI, "Fennia australis"; MZHF.

Aradus angusticollis Reuter, 1881b: 140 (syn. Reuter, 1900a: 138). HT: ♀, FI, Muonioniska; MZHF.

Distr. EU: FI NR RU (CT NT) SV. AS: RU (ES FE WS).

Ref.: Kiritshenko, 1913 (redescr., fig.).

***Aradus lauri* Noualhier, 1893**

Aradus lauri Noualhier, 1893: 13. LT (Heiss, 1979a: 33): ♂, CI, Tenerife, Las Mercedes; MNHN.

Distr. NA: CI.

Ref.: Heiss, 1979a (fig., larvae, redescr.).

***Aradus lugubris* Fallén, 1807**

Aradus lugubris Fallén, 1807: 34. ST(S): SV, "Westrogothia" [= prov. Västergötland]; MZLU. ST(S): "Finlandia" (coll. Sahlberg); MZHF?

Aradus rectus Say, 1832: 29 (syn. Bergroth, 1886: 97). STS: USA, Missouri and Florida; lost?

Aradus affinis Kirby, 1837: 279 (syn. Bergroth, 1886: 97). STS: Canada, at latitude 65°N; BMNH?

Aradus gebleri Kolenati, 1857: 441 (syn. Fieber, 1861a: 114). LT (Heiss, 2000a: 1164): ♀, RU (WS), Altai, Barnaul; NHMW.

Aradus fenestratus Walker, 1873a: 36 (syn. Bergroth, 1913a: 5). STS: ♂, Canada (Hudson Bay, Albany R., St. Martin's Fall; Nova Scotica) and "Rocky Mountains";

BMNH.

Aradus lugubris var. *nigricornis* Reuter, 1900a: 134, 138 (as ssp. by Kormilev & Froeschner, 1987: 49; syn. nov.). HT: FI, Salla; MZHF.

Distr. EU: AL AN AU BU BY CR CZ EN FI FR GE GR HU IT LA NR PL PO RU (CT NT ST) SK SP SV SZ UK YU. NA: MR. AS: AK CH (NE NO: Shaanxi SE: Fujian) JA KI KO MG RU (ES FE WS) TD TM. EL: Nearctic Region.

***Aradus mirus* Bergroth, 1894**

Aradus mirus Bergroth, 1894a: 189. STS: AU, Rekawinkel [= nr Vienna]; NHMW.

Distr. EU: AU CZ HU SK.

Ref.: Vásárhelyi, 1976 (tax.).

***Aradus montandoni* Reuter, 1885**

Aradus montandoni Reuter, 1885a: 147. LT (Sienkiewicz, 1964: 73): RO, Broșteni; MGAB.

Distr. EU: RO.

***Aradus nemtschinowae* Jakovlev, 1889**

Aradus nemtschinowi Jakovlev, 1889b: 334. HT: ♀, RU (FE), Amur Prov., Ovsyanka, Zeya River; ZMAS.

Aradus nemtschinovae Kiritshenko, 1913: 251. Unjustified emendation.

Distr. EU: RU (CT: Urals). AS: JA RU (ES FE WS).

Ref.: Kanyukova, 1988a (key); Kiritshenko, 1913 (redescr., fig.).

***Aradus nipponicus* Kormilev, 1955**

Aradus nipponicus Kormilev, 1955b: 33. HT: ♀, JA, Honshu, Okayama; HNHM.

Distr. AS: JA.

***Aradus obscurus* Vásárhelyi, 1988**

Aradus obscurus Vásárhelyi, 1988b: 59. HT: ♂, AG, "Philippeville" [= Skikda]; HNHM.

Distr. EU: IT (Sardinia!). NA: AG TU.

***Aradus obtectus* Vásárhelyi, 1988**

Aradus obtectus Vásárhelyi, 1988b: 59. HT: ♂, RO, Cruce; HNHM.

Distr. EU: AU BY CR CZ FI FR GE GR LA NR! PL RO RU (CT NT ST) SK! SL SP! SV SZ? UK YU. AS: AK GG RU (ES FE WS).

Ref.: Coulianos & Ossiannilsson, 1976 (Scandinavia, as *pictus*); Linnavuori, 1967 (FI, as *pictus*).

Note: All records of *pictus* from Central and Northern Europe most likely refer to *obtectus* and need verification.

***Aradus omeiensis* Hsiao, 1964**

Aradus omeiensis Hsiao, 1964b: 72, 75. HT: ♀, CH (SW), Szechuan [= Sichuan], Mt. Emei; NKUM.

Distr. AS: CH (SW).

***Aradus orientalis* Bergroth, 1885**

Aradus orientalis Bergroth, 1885: 7. HT: ♀, JA; ZMHB?

Aradus iguchii Iguchi, 1908: 512 (syn. nov.). ST(S): JA; not located.

Aradus iguchii Matsumura, 1913: 152 (syn. Usinger & Matsuda, 1959: 91). STS: ♂, ♀, JA, Hokkaido (Sapporo) and Honshu (Iwate); EIHU.

Distr. AS: JA.

Note: The record from KO by Lee & Kwon (1991) refers to *A. compar* (Lee & Kerzhner, 1994).

***Aradus pallescens* Herrich-Schaeffer, 1840**

Aradus pallescens Herrich-Schaeffer, 1840a: 92. HT: ♀, AU, Vienna; lost?

Distr. EU: AU CR CZ GE HU IT SK? SL SZ UK.

Ref.: Heiss, 1983a (ecol.); Reuter, 1913 (redescr.); Tamanini, 1974a (tax.).

***Aradus pictellus* Kerzhner, 1972**

Aradus pictellus Kerzhner, 1972: 292. HT: ♂, RU (FE), Primorsk Terr., Vinogradovka; ZMAS.

Distr. AS: KO RU (FE).

Ref.: Kanyukova, 1988a (key).

***Aradus pictus* Baerensprung, 1859**

Aradus pictus Baerensprung, 1859: 338. LT (Vásárhelyi, 1988b: 57): ♀, GR, Parnass; ZMHB.

Distr. EU: AN! AU BU CZ? FR GR IT RO SK? SP? SZ? YU.

Ref.: Tamanini, 1956 (biol., larvae).

Note: Old records of *pictus* from before the description of closely related *obtectus* Vásárhelyi, 1988 need verification. Those reported from FI NR RU SV (Coulanos & Ossiannilsson, 1976; Kanyukova, 1988a) refer not to *pictus*, which shows a mediterranean distribution, but to the eurosiberian *obtectus* and are reported there.

***Aradus poppiusi* Kiritshenko, 1913**

Aradus poppiusi Kiritshenko, 1913: 68, 259. HT: ♀, RU (ES), Yakutia, Batilim near the mouth of Aldan river; ZMAS.

Distr. AS: RU (ES).

Ref.: Vinokurov, 1979 (key, fig.).

***Aradus pulchellus* J. Sahlberg, 1878**

Aradus pulchellus J. Sahlberg, 1878: 23. HT: ♂, RU (ES), Krasnoyarsk Terr., Antsiferovo; MHRS.

Distr. AS: RU (ES FE WS).

Ref.: Kiritshenko, 1913 (redescr.).

***Aradus reuterianus* Puton, 1875**

Aradus reuterianus Puton, 1875b: 483. STS: FR, Porquerolles, Avignon, Corse [= Corsica]; MNHN.

Distr. EU: CR FR GR IT SP YU. NA: CI TU?

Ref.: Vásárhelyi, 1976 (tax.).

***Aradus ribauti* Wagner, 1956**

Aradus ribauti Wagner, 1956a: 359. HT: ♂, FR, Tarn, Albi; ZMUH.

Distr. EU: AU BU BY EK FR GE GR HU IT RU (CT NT ST) SK! SP UK YU. AS: RU (WS).

Ref.: Tamanini, 1972 (tax.), Vásárhelyi, 1978a (larvae).

***Aradus rysakovi* Kiritshenko, 1951**

Aradus rysakovi Kiritshenko, 1951b: 300, 317. HT: ♂, RU (ST), Krasnodar Terr., Krasnyi Les, Kuban (river); ZMAS.

Distr. EU: RU (ST).

Ref.: Heiss, 1998c (type fixation).

***Aradus safavii* Hoberlandt, 1974**

Aradus safavii Hoberlandt, 1974: 21. HT: ♂, IN, Mazandaran Prov., Dasht; NMPC.

Distr. AS: IN.

***Aradus seidenstueckeri* Heiss, 1989**

Aradus seidenstueckeri Heiss, 1989b: 34. HT: AT, Anatolia, Taurus, Pozanti; coll.

Heiss, Innsbruck, AU.

Distr. AS: AT.

***Aradus semilacer* Kiritshenko, 1913**

Aradus semilacer Kiritshenko, 1913: 67, 243. HT: ♂, RU (FE), Primorsk Terr., Nikolsk [= Ussuriysk]; ZMAS.

Distr. AS: CH (NE: Heilongjiang SW: Sichuan) RU (FE).

Ref.: Heiss, 1998c (type fixation); Hsiao, 1964b (key); S.L. Liu, 1981a (key, fig.).

***Aradus serbicus* Horváth, 1888**

Aradus serbicus Horváth, 1888a (May): 177. HT: ♀, YU, Negotin; HNHN.

Aradus notatus Rey, 1888a (June): 192 (syn. Vásárhelyi, 1977: 221). HT: ♂, FR, Sorèze; MHNH.

Distr. EU: AU BU FR HU IT MC YU.

***Aradus setiger* Kiritshenko, 1913**

Aradus setiger Kiritshenko, 1913: 64, 159. HT: ♀, AK, Perovsk [= Kzyl-Orda], Syrdarya river; ZMAS.

Distr. AS: AK.

Ref.: Heiss, 1998c (type fixation).

Note: only known from the HT.

***Aradus signaticornis* R.F. Sahlberg, 1848**

Aradus signaticornis R.F. Sahlberg, 1848: 141. ST(S): FI, Yläne; MZHF.

Aradus martini Matsuda, 1971: 1195 (syn. Heiss, 1980: 103). HT: ♀, Alaska, Yukon Terr., Swim Lake; CNCL.

Distr. EU: BE CZ FI FR GE HU LA NL PL RU (CT NT) SV. AS: KO RU (ES FE WS). EL: Canada, USA (Alaska).

Ref.: Cobben, 1987 (ecol.); Kallenborn & Moosbacher, 1990 (ecol.); Vásárhelyi, 1986 (larvae).

***Aradus sinensis* Kormilev, 1955**

Aradus sinensis Kormilev, 1955a: 177. HT: ♀, CH (SE), Fukien [= Fujian], Shaowu, Tachulan; NCHU.

Distr. AS: CH (SE).

Ref.: S.L. Liu, 1981a.

Note: only known from the HT.

***Aradus somcheticus* Kiritshenko, 1913**

Aradus somcheticus Kiritshenko, 1913: 61, 100. LT (Heiss, 2000a: 1165): ♂, GG, Borzhom [= Borzhomi]; ZMAS.

Distr. EU: BH BU FR IT MC SP UK (Crimea) YU. AS: GG.

Ref.: Tamanini, 1974b (fig., tax.).

Note: See *truncatus*. The references from central, northern and Carpathian regions of UK (V.G. Putshkov & P.V. Putshkov, 1996) may refer to *truncatus*. Those from BH, MC and YU reported as *truncatus* (Protić, 1986) may refer to *somcheticus*.

***Aradus spinicollis* Jakovlev, 1880**

Aradus spinicollis Jakovlev, 1880: 166. HT: ♂, RU (FE), Vladivostok; ZMAS.

Distr. AS: CH (CE NE NO SE SW) JA (Tsushima) KO RU (FE).

Ref.: Hsiao, 1964b (key); Kiritshenko, 1913 (fig., redescr.); S.L. Liu, 1981a (key.).

***Aradus stenopterus* Bergroth, 1887**

Stenopterus perrisi Signoret, 1865: 120 (junior secondary homonym of *Aradus*

perrisi Dufour, 1845). LT (Heiss, 2000a: 1166): ♂, AG, "Algeria"; NHMW.
Aradus stenopterus Bergroth, 1887b: 147. New name for *perrisi* Signoret, 1865.
Distr. EU: SP. NA: AG.

***Aradus tauricus* Jakovlev, 1907**

Aradus tauricus Jakovlev, 1907a: 220. HT: ♀ (brach.), UK, Crimea,
"Koz'modem'yanskiy monasterium", sources of Al'ma River; ZMAS.
Distr. EU: RU (ST: NW Caucasus) UK. AS: GG.
Ref.: Kiritshenko, 1913 (redescr., fig.).

***Aradus transiens* Kiritshenko, 1913**

Aradus transiens Kiritshenko, 1913: 63, 131. LT (Heiss, 1998c: 72): ♀, RU (FE),
Primorsk Terr., Odarka river W Evgenjevka [= Spassk-Dalniy]; ZMAS.
Distr. AS: KO RU (FE).
Ref.: Heiss, 1998c (fig.).

***Aradus truncatus* Fieber, 1860**

Aradus truncatus Fieber, 1860: 112. LT (Heiss, 2000a: 1165): ♀, GE?; NHMW.
Aradus lawsoni Saunders, 1877a: 59 (syn. Champion, 1914: 92). HT: ♀, no locality
(wrongly presumed to originate from GB); BMNH.
Distr. EU: AU BU? CZ DE EN! FI FR GE HU NR PL RO? RU (CT NT) SK SV UK
YU?
Ref.: Reuter, 1913 (redescr., fig.).
Note: The records from BU, RO, and YU (Josifov, 1970, 1986) may refer to *Aradus*
somcheticus, which is the southern vicariant of these closely related species. For BH,
MC, and YU see note under *A. somcheticus*.

***Aradus unicolor* Kiritshenko, 1913**

Aradus unicolor Kiritshenko, 1913: 65, 162. LT (Heiss, 1998c: 72): ♀, RU (FE),
Primorsk Terr., Evgenjevka [= Spassk-Dalniy]; ZMAS.
Distr. AS: JA? RU (FE).
Ref.: Esaki, 1950; Vásárhelyi, 1977 (tax.).

***Aradus ussurensis* Jakovlev, 1876**

Aradus ussurensis Jakovlev, 1876a: 113. LT (Heiss, 2000a: 1165): ♂, RU (FE), Ussuri
River; ZMAS.
Aradus ussuriensis Kiritshenko, 1913: 78. Unjustified emendation.
Distr. AS: CH (NE: Heilongjiang, Jilin) KO RU (FE).
Ref.: Hsiao, 1964b; Kiritshenko, 1913 (redescr., fig.); S.L. Liu, 1981a (key, fig.).

***Aradus versicolor* Herrich-Schaeffer, 1835**

Aradus versicolor Herrich-Schaeffer, 1835a: 59, 96. STS (see Herrich-Schaeffer, 1840a:
93): AU (Vienna) and GE ("Sächsische Schweiz" [= Saxonia, area E of Pirna]); lost.
Distr. EU: AL AU BE? BU CR CZ FR GE GR HU IT MC MD PL RO RU (ST) SK SL
SZ UK YU. AS: AB AT GG IN.

***Aradus vitiosus* Jakovlev, 1889**

Aradus vitiosus Jakovlev, 1889a: 77. LT (Heiss, 1998c: 71): ♀, RU (ES), Shilka
(tributary of Amur river); ZMAS.
Distr. AS: MG RU (ES FE).
Ref.: Heiss, 1998c.

***Aradus wuzhisanensis* S.L. Liu, 1981**

Aradus wuzhisanensis S.L. Liu, 1981b (May): 184, 187. HT: ♀, CH (SE), Hainan;
TMNH?
Aradus wuchisanensis: S.L. Liu, 1981a (after October): 237 (also *wuchishanensis* on p.

625, 654 and pl. 31). Incorrect subsequent spellings.
Distr. AS: CH (SE).
Ref.: S.L. Liu, 1981a (key, fig.).

Species inquirendae

Note: At least some of these species do not belong to Aradidae

Aradus griseus (Fabricius, 1794)

Acanthia grisea Fabricius, 1794: 74. ST(S): NW Africa ("Barbaria"); lost
Cimex griseatus Turton, 1802: 612. New name for *grisea* Fabricius, 1794 because of secondary homonymy with *Cimex griseus* Linnaeus, 1758.
Distr.: NA.

Aradus nigricornis (Fabricius, 1794)

Acanthia nigricornis Fabricius, 1794: 69. ST(S): GE; lost.
Cimex nigripennis Turton, 1802: 699. New name for *nigricornis* Fabricius, 1794, because of secondary homonymy with *Cimex nigricornis* Fabricius, 1775.
Distr. EU: GE.

Aradus tridentatus (Geoffroy, 1785)

Cimex tridentatus Geoffroy in Fourcroy, 1785: 214. ST(S): FR, Paris; lost.
Distr. EU: FR.

Genus *Miraradus* Vásárhelyi, 1980

Miraradus Vásárhelyi, 1980b: 140 (as subgenus of *Aradus*; upgraded by Kormilev & Froeschner, 1987: 55). Type species by original designation: *Aradus mirabilis* Bergroth, 1892.

Ref.: Vásárhelyi, 1981 (larva).

Miraradus foliaceus (Kormilev, 1957)

Aradus foliaceus Kormilev, 1957a: 38. HT: ♀, Vietnam, Hoa-Binh; USNM.
Distr. AS: CH (SE: Fujian!). **EL:** Vietnam.

Miraradus mirabilis (Bergroth, 1892)

Aradus mirabilis Bergroth, 1892a: 710. HT: ♀, Burma, Carin Cheba [= Karen state]; MCSN.
Distr. AS: CH (WP: Xizang!). **EL:** Burma, N India, Vietnam.

Miraradus oervendetes Vásárhelyi, 1980

Miraradus oervendetes Vásárhelyi, 1980b: 143. HT: ♂, Burma, Thimphu; NHMB.
Distr. AS: CH (SW: Sichuan!). **EL:** Burma.

Genus *Quilnus* Stål, 1873

Quilnus Stål, 1873: 137 (as subgenus of *Aradus*; upgraded by Kormilev & Froeschner, 1987: 56). Type species by subsequent designation (Oshanin, 1912: 47): *Aradus parvicollis* Stål, 1873.

Ref.: Heiss, 1989c (rev., syn.).

Quilnus brevirostris (Horváth, 1901)

Aradus brevirostris Horváth, 1901a: 266. HT: ♀ (macr.), RU (ES), Irkutsk Prov., Tulun; HNHM.
Aradus (Quilnus) amurensis Kiritshenko, 1955: 260 (syn Heiss, 1989c: 129). HT (Heiss, 1998c: 74): ♀ (micr.), RU (FE), Amur Prov., between Tolbuzino and Magdagachi; ZMAS.
Distr. AS: MG RU (ES FE).

Ref.: Heiss, 1998c (type fixation).

***Quilnus discedens* (Horváth, 1911)**

Aradus (Quilnus) discedens Horváth, 1911a: 585. LT (Heiss, 1989c: 129): ♂ (stenopt.), BH, Bielo Brdo; HNHN.

Distr. EU: BH.

***Quilnus mediterraneus* Heiss, 1989**

Quilnus mediterraneus Heiss, 1989c: 132. HT: ♂ (stenopt.), IT, Montecristo Island, Cala de Lecci; coll. Heiss, Innsbruck, AU.

Distr. EU: IT.

***Quilnus parvicollis* (Stål, 1873)**

Aradus (Quilnus) parvicollis Stål, 1873: 137. HT: ♂ (stenopt.), CY; NHRS.

Aradus anatolicus Heiss, 1974: 101 (syn. Heiss in Kormilev & Froeschner, 1987: 57;

Heiss, 1989c: 132). HT: ♀ (macr.), AT, Prov. Antalya; coll. Heiss, Innsbruck, AU.

Distr. EU: GR YU? AS: AT CY.

***Quilnus subsimilis* (Horváth, 1911)**

Aradus (Quilnus) subsimilis Horváth, 1911a: 586. HT: ♀ (brach.), AG, Djelfa; HNHN (not located).

Aradus (Quilnus) alonsoi Vela & Garcia-Raso, 1985: 289 (syn. Heiss, 1989c: 132). HT: ♂ (stenopt.), SP, Málaga, Sierra de las Nieves, Serranía de Ronda; coll. Vela, Málaga, SP.

Distr. EU: FR SP. NA: AG.

Subfamily CALISIINAE Stål, 1873

CALISIINAE Stål, 1873: 138 (Calisiaria as division). Type genus: *Calisius* Stål, 1860.

Genus *Calisius* Stål, 1860

Calisius Stål, 1860a: 68. Type species by monotypy: *Calisius pallipes* Stål, 1860, Neotropical Region.

Aradosyrtis A. Costa, 1864: 132 (syn. Bergroth, 1894b: 98). Type species by monotypy: *Aradosyrtis ghiliani* A. Costa, 1864.

Ref.: Horváth, 1913 (rev., key); Usinger & Matsuda, 1959 (syst.).

***Calisius acutus* Matsuda & Usinger, 1957**

Calisius acutus Matsuda & Usinger, 1957: 129. HT: ♂, Palau Is, Koror; USNM.

Distr. AS: JA (Ryukyus, Yaeyama Group, Iriomote). EL: Palau Is.

Ref.: Miyamoto & Hidaka, 1963.

***Calisius amudaryanus* Heiss & Kerzhner, 1999**

Calisius amudaryanus Heiss & Kerzhner, 1999: 551. HT: ♂, UZ, Amu Dar'ya, Kulatau, 20 km SO Meshekli; ZMAS.

Distr. AS: UZ.

***Calisius ghiliani* (A. Costa, 1864)**

Aradosyrtis ghiliani A. Costa, 1864: 106, 133. HT: ♀?, IT, Sardinia; ZIUN? (not found).

Aradus pygmaeus Garbiglietti, 1869: 276 (syn. Puton, 1875a: 32). ST(S): IT, Sardinia; MIZT?

Aradosyrtis ghiliani: Puton, 1875a: 32. Incorrect subsequent spelling.

Distr. EU: IT FR SP. NA: AG TU.

Ref.: Heiss & Rieger, 1987 (fig., tax.); Ribes, 1988 (larva).

***Calisius salicis* Horváth, 1913**

Calisius salicis Horváth, 1913: 626. LT (Heiss 1998d: 17): ♂, YU, Ruma; HNHM.

Distr. EU: AU GR YU. AS: IS.

Ref.: Heiss, 1998d (distr.); Heiss & Rieger, 1987 (fig., tax.).

***Calisius turanicus* Kiritshenko, 1959**

Calisius turanicus: Kiritshenko, 1948: 260; 1951b: 294 (footnote). Nomen nudum.

Calisius turanicus Kiritshenko, 1959a: 180. LT (Heiss & Kerzhner, 1999: 553): ♂, UZ, "Chiva" [now in Karakalpak Rep.], Mangit; ZMAS.

Distr. AS: TD TM UZ.

Ref.: Heiss & Kerzhner, 1999 (tax.).

Subfamily CARVENTINAE Usinger, 1950

CARVENTINAE Usinger, 1950: 176 (Carventini, as tribe). Type genus: *Carventus* Stål, 1866.

Genus *Carventus* Stål, 1866

Carventus Stål, 1866a: 32. Type species by subsequent monotypy (Stål, 1873: 140):

Carventus denticollis Stål, 1873, Oriental Region.

Micromezira Kormilev, 1967a: 488 (syn. Monteith, 1997: 157). Type species by original designation: *Micromezira australis* Kormilev, 1967 (= *Carventus brachypterus* Kormilev, 1966), Australia.

Ref.: Kormilev, 1969 (distr., key); Usinger & Matsuda, 1959 (syst.).

***Carventus hainanensis* S.L. Liu, 1981**

Carventus hainanensis S.L. Liu, 1981b: 186, 187. HT: ♀, CH (SE), Hainan, Baoting; TMNH?

Distr. AS: CH (SE).

Ref.: S.L. Liu, 1981a (fig., tax.).

***Carventus sinensis* Kormilev, 1969**

Carventus sinensis Kormilev, 1969: 62. HT: ♀, CH (SE), Kwangtung [= Guangdong], Loh-Chang Distr., Cheung-nga San, Tintong; BPBM.

Distr. AS: CH (SE).

Ref.: S.L. Liu, 1981a (key).

***Carventus taiwanensis* Kormilev, 1969**

Carventus taiwanensis Kormilev, 1969: 63. HT: ♂, TA, Urai - Rimogan; BPBM.

Distr. AS: TA.

Ref.: S.L. Liu, 1981a (key).

Subfamily MEZIRINAE Oshanin, 1908 (1843)

BRACHYRHYNCHINAE Amyot & Serville, 1843: xli, 303 (Brachyrhynquides, as "groupe"). Type genus: *Brachyrhynchus* Laporte, 1833.

MEZIRINAE Oshanin, 1908: 478 (Mezirina, as subfamily). As replacement name for Brachyrhynchinae Amyot & Serville, 1843. Type genus: *Mezira* Amyot & Serville, 1843.

DYSODIINAE Reuter, 1912a: 33, 49, 57 (Dysodiidae, as family). Type genus: *Dysodius* Lepeletier & Serville, 1828, S America.

Note: Chelonocorinae Miller, 1938, often cited as a synonym of Mezirinae, is an unavailable name. It was based on *Chelonocoris* Miller, 1938, which is unavailable because no type species was fixed. The generic name should be credited to Usinger & Matsuda (1959: 253) who designated the type species, but the family-group name was not considered as valid neither by Usinger & Matsuda (1959), nor by later authors. All the above does not affect

the availability of the species names established in *Chelonocoris* before 1959.

Genus *Acoryphocoris* Usinger & Matsuda, 1959

Acoryphocoris Usinger & Matsuda, 1959: 199, 294. Type species by original designation:

Acoryphocoris longicorium Usinger & Matsuda, 1959, Philippines.

Ref.: Usinger & Matsuda, 1959 (syst.).

***Acoryphocoris chujoi* Lee & Kerzhner, 1994**

Acoryphocoris chujoi Lee & Kerzhner, 1994: 684. HT: ♂, KO, Kyonggido, Kwangneung, Pochongun; coll. Lee, Taegu, KO.

Distr. AS: KO.

***Acoryphocoris kerzhneri* Kanyukova, 1982**

Acoryphocoris kerzhneri Kanyukova, 1982: 305. HT: ♀, RU (FE), Primorsk Terr., between Sokolovka and Tachingouza Bay; ZMAS.

Distr. AS: RU (FE).

***Acoryphocoris liliputanus* (Kormilev, 1955)**

Chiastoplonia liliputana Kormilev, 1955a: 185. HT: ♀, CH (SE), Fukien [= Fujian], Shaowu, Shangping; NCHU.

Distr. AS: CH (SE).

Ref.: S.L. Liu, 1981a (as *Chiastoplonia*).

Genus *Arbanatus* Kormilev, 1955

Arbanatus Kormilev, 1955a: 180. Type species by monotypy: *Arbanatus inermis* Kormilev, 1955.

Pictinellus Usinger & Matsuda, 1959: 288 (syn. Kormilev, 1971b: 144). Type species by original designation: *Pictinellus pacificus* China, 1930, Micronesia.

Ref.: Usinger & Matsuda, 1959 (syst.).

***Arbanatus inermis* Kormilev, 1955**

Arbanatus inermis Kormilev, 1955a: 181. HT: ♀, CH (SE), Fukien [= Fujian], Shaowu, Tachulan; NCHU.

Distr. AS: CH (SE: Fujian).

Ref.: S.L. Liu, 1981a (key).

***Arbanatus longiusculus* S.L. Liu, 1980**

Arbanatus longiusculus S.L. Liu, 1980: 181, 184. HT: ♀, CH (SE), Guanxi, Wuming; coll. Beijing Agricultural University, Beijing, CH.

Distr. AS: CH (SE: Guangxi).

Ref.: S.L. Liu, 1981a (key).

***Arbanatus magnus* (Hsiao, 1964)**

Pictinellus magnus Hsiao, 1964a: 595, 603. HT: ♀, CH (SW), Yunnan, nr Pu-wen; IZAS.

Distr. AS: CH (SW: Yunnan).

Ref.: S.L. Liu, 1981a (key).

***Arbanatus majusculus* (Hsiao, 1964)**

Pictinellus majusculus Hsiao, 1964a: 591, 602. HT: ♀, CH (SW), Yunnan, Zhen-yuan; IZAS.

Distr. AS: CH (SE: Hainan SW: Yunnan).

Ref.: S.L. Liu, 1981a (key).

***Arbanatus rotundatus* S.L. Liu, 1980**

Arbanatus rotundatus S.L. Liu, 1980: 179, 184. HT: ♂, CH (SW), Yunnan,

Xishuangbanna; IZAS.
Distr. AS: CH (SW: Yunnan).
Ref.: S.L. Liu, 1981a (key).

Genus *Arictus* Stål, 1866

Arictus Stål, 1866a: 31. Type species by subsequent designation (Stål, 1866b: 164): *Aradus thoracoceras* Montrouzier, 1855, Pacific Is.

Ref.: Usinger & Matsuda, 1959 (syst.).

Note: Usinger & Matsuda (1959: 314) and Kormilev & Froeschner (1987: 103) incorrectly cited *Arictus tagalicus* Stål, 1871 (Philippines) as the type species of the genus.

Arictus taiwanicus Kormilev, 1971

Arictus taiwanicus Kormilev, 1971b: 109. HT: ♂, TA, Puli; HNHN.

Distr. AS: TA.

Arictus usingeri (Kormilev, 1955)

Mezira usingeri Kormilev, 1955c: 494. HT: ♂, "Annam, Laos" [= part of Vietnam]; HNHN.

Distr. AS: CH (SE: Guanxi, Hainan SW: Yunnan). **EL:** Laos

Ref.: Kormilev, 1971b (distr., key); S.L. Liu, 1981a (fig., tax.).

Genus *Artabanus* Stål, 1866

Artabanus Stål, 1866a: 31. Type species by subsequent monotypy (Stål, 1871: 673):

Artabanus geniculatus Stål, 1871, Philippines.

Ref.: Kormilev, 1971b (distr., key, tax.); Usinger & Matsuda, 1959 (syst.).

Artabanus bilobiceps bilobiceps (Lethierry, 1888)

Brachyrhynchus bilobiceps Lethierry, 1888: 464. HT: ♂, Indonesia, Sumatra, Siboga; MCSN.

Artabanus atkinsoni Bergroth, 1889: 734 (syn. Bergroth, 1892a: 715). HT: ST(S): ♂, ♀, Burma, Tenasserim, Thagatá; MCSN.

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

Extralimital subspecies: *Artabanus bilobiceps papuasicus* Kormilev, 1967, New Guinea.

Ref.: S.L. Liu, 1981a (key).

Artabanus excelsus Bergroth, 1892

Artabanus excelsus Bergroth, 1892a: 713. STS: ♀, Burma, Carin Cheba [= Karen state], Asciui Cheba and Carin Ghecu; MCSN.

Distr. AS: CH (SE: Fujian). **EL:** Burma.

Ref.: S.L. Liu, 1981a (key).

Artabanus hainanensis S.L. Liu, 1980

Artabanus hainanensis S.L. Liu, 1980: 179, 184. HT: ♂, CH (SE), Hainan; TMNH?

Distr. AS: CH (SE: Hainan).

Artabanus halaszfyae Kormilev, 1955

Artabanus halaszfyi Kormilev, 1955d (March): 199 (spelling corrected by Kormilev & Froeschner, 1987: 108). HT: ♂, Borneo; HNHN.

Artabanus fukiensis Kormilev, 1955a (September): 182 (syn. Kormilev, 1971b: 20, suspected). HT: ♂, CH (SE), Fukien [= Fujian], Shaowu, Tachulan; NCHU.

Distr. AS: CH (SE: Fujian). **EL:** Borneo, Laos, Vietnam.

Ref.: S.L. Liu, 1981a (key).

Genus *Brachyrhynchus* Laporte, 1833

Brachyrhynchus Laporte, 1833: 54. Type species by monotypy: *Brachyrhynchus orientalis*

Laporte, 1833 (= *Acanthia membranacea* Fabricius, 1798), Oriental Region.
Dusius Bergroth, 1894b: 104 (syn. Bergroth, 1894c: 179). Type species by monotypy:
Dusius torvus Bergroth, 1894 (= *Crimia rugosa* Signoret, 1858), tropical Africa.
Hammatoneurum Blöte, 1965: 27 (syn. Kormilev, 1971b: 35). Type species by original designation: *Artabanus quadrispinosus* sensu Blöte, 1965 (= *Mezira quadridentata* Kormilev, 1971), Indonesia, Sumatra.
Daulocorisella Blöte, 1965: 28 (syn. Kormilev, 1971b: 43). Type species by original designation: *Crimia lateralis* sensu Blöte, 1965 (= *Mezira indica* Kormilev, 1971), India.
Zemira Kormilev, 1971b: 31 (as subgenus of *Mezira*; junior homonym of *Zemira* Adams & Adams, 1853, Gastropoda). Type species by original designation: *Aradus membranaceus* Fabricius, 1803.
Zimera Kormilev, 1980: 328 (as subgenus of *Mezira*). New name for *Zemira* Kormilev, 1971.

Ref.: Kormilev, 1971b (distr., key, tax.); Usinger & Matsuda, 1959 (syst.).

Note: *Brachyrhynchus basalis* Fieber, 1861a: 115 from "Andalusia", SP and later reported from GR by Reuter, 1890a: 241 as "*Brachyrhynchus basalis* Fieb. Grèce: Parnasse (Saunders in litt.)" is based on obviously mislabelled specimen(s) and a synonym of one of the oriental species of the *B. membranaceus*-group. *Brachyrhynchus* does not occur in the W Palaearctic Region (see Heiss, 1990b: 33).

***Brachyrhynchus funebris funebris* (Kormilev, 1971)**

Mezira (Zemira) funebris Kormilev, 1971b: 33, 46. HT: ♂, NE New Guinea, Morobe Distr., Wau; BPBM.

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

Extralimital subspecies: *Brachyrhynchus funebris sumbaensis* Kormilev, 1973, Indonesia, Sumba.

Ref.: S.L. Liu, 1981a (key).

***Brachyrhynchus hsiao* (Blöte, 1965)**

Mezira (Zemira) membranacea (non Fabricius, 1798): Hsiao, 1964a: 597, 604; S.L. Liu, 1981a: 267. Misidentification (see Blöte, 1965: 36).

Mezira hsiao Blöte, 1965: 36. HT: ♂, Vietnam, "Upper Tonkin", Chapa par [= to] Laos; RMNH.

Distr. AS: CH (SE: Fujian, Guangdong SW: Yunnan) JA TA. EL: Mainland SE Asia.

Ref.: Esaki, 1950 (see note under *membranaceus*).

***Brachyrhynchus membranaceus* (Fabricius, 1798)**

Acanthia membranacea Fabricius, 1798: 526. LT (Kormilev, 1971b: 44): ♀, "Cap. Bon. Spei" [= Cape of Good Hope] (error); ZMUC.

Aradus albipennis Fabricius, 1803: 118 (syn. Usinger & Matsuda, 1959: 380). LT (Heiss, 1997a: 49): ♂, Indonesia, Sumatra; ZMUC.

Brachyrhynchus orientalis Laporte, 1833: 54 (syn. Usinger & Matsuda, 1959: 380).

STS: "Cochinchina" and Indonesia (Java and Sumatra); NMHN?

Crimia nigra Dohrn, 1860a: 406 (syn. Stål, 1873: 144). ST(S): Ceylon [= Sri Lanka]; ZMPA?

Mezira modesta Blöte, 1965: 40 (syn. Kormilev & Froeschner, 1987: 118). HT: ♂, Indonesia, Sumatra; RMNH.

Distr. AS: CH (CE: Zhejiang SE: Fujian, Hainan WP) JA (Bonin Is) TA. EL: Oriental Region to Marianas.

Ref.: Kormilev, 1971b (*Zemira*).

Note: Fig. 603 for record from JA by Esaki, 1950: 234 is more likely of *hsiao* than *membranaceus* and therefore reported there; records from CH (WP) need verification.

***Brachyrhynchus poriaicola* (S.L. Liu, 1980)**

Mezira (Zemira) poriaicola S.L. Liu, 1980: 181, 184. HT: ♂, CH (CE), Hubei, Yingshan; NKUM?

Distr. AS: CH (CE: Hubei SE: Guangxi).

Ref.: S.L. Liu, 1981a (key).

***Brachyrhynchus similis* (Hsiao, 1964)**

Mezira similis Hsiao, 1964a: 597, 605. HT: ♀, CH (SW), Yunnan, Jing-hong County, nr Jing-hong City; IZAS.

Distr. AS: CH (SW: Yunnan WP). EL: Thailand, Laos, Vietnam.

Ref.: S.L. Liu, 1981a (key).

***Brachyrhynchus subtriangulus* (Kormilev, 1957)**

Mezira subtriangula Kormilev, 1957b: 269. HT: ♂, New Guinea, Huon Golf, Simbang; HNHN.

Distr. AS: CH (SW: Yunnan). EL: New Guinea, Australia to South Pacific Islands.

Ref.: S.L. Liu, 1981a (key); Monteith, 1997 (distr., fig.).

Note: CH records may be based on misidentification.

***Brachyrhynchus taiwanicus* (Kormilev, 1957)**

Mezira taiwanica Kormilev, 1957b: 267. HT: ♂, TA, Chip-Chip [= Chichi]; HNHN.

Distr. AS: CH (SE: Fujian) JA KO TA.

Ref.: S.L. Liu, 1981a (key).

***Brachyrhynchus thailandicus* (Kormilev, 1971)**

Mezira (Zemira) thailandicus Kormilev, 1971b: 39. HT: ♂, Thailand, northeast of Bangkok, Pakchong; BPBM.

Distr. AS: CH (WP).

Ref.: S.L. Liu, 1988 (distr.).

***Brachyrhynchus triangulus* Bergroth, 1889**

Brachyrrhynchus [sic] *triangulus* Bergroth, 1889: 736. HT: ♂, Burma, Teinzó; MCSN.

Distr. AS: CH (SE: Hainan SW: Yunnan WP) TA. EL: India to SE Asia, Philippines.

Ref.: S.L. Liu, 1981a (key).

Genus *Chiastoplonia* China, 1930

Chiastoplonia China, 1930: 104. Type species by monotypy: *Chiastoplonia pygmaea* China, 1930, Samoa.

Ref.: Kormilev, 1978a (key); Usinger & Matsuda, 1959 (syst.).

***Chiastoplonia chinai* Kormilev, 1955**

Chiastoplonia chinai Kormilev, 1955a: 184. HT: ♀, CH (SE), Fukien [= Fujian], Shaowu, Tachulan; NCHU.

Distr. AS: CH (SE: Fujian, Hainan SW: Sichuan).

Ref.: S.L. Liu, 1981a (key).

Genus *Daulocoris* Usinger & Matsuda, 1959

Daulocoris Usinger & Matsuda, 1959: 200, 323. Type species by original designation:

Mezira auritomentosus Kormilev, 1955, Borneo.

Ref.: Kormilev, 1971b (distr., key); S.L. Liu, 1981a (key); Usinger & Matsuda, 1959 (syst.).

***Daulocoris feanus* Bergroth, 1889**

Daulocoris feanus Bergroth, 1889: 737. ST: ♂, ♀, Burma, Cactin Cauri; MCSN.

Distr. AS: TA. EL: south-east Asia.

***Daulocoris formosanus* Kormilev, 1971**

Daulocoris formosanus Kormilev, 1971b: 103, 104. HT: ♂, TA, Puli; BPBM.

Distr. AS: CH (SE: Fujian, Hainan) TA.

***Daulocoris tomentosus* (Kormilev, 1955)**

Mezira tomentosa Kormilev, 1955b: 37. HT: ♂, TA, Fuhosho [= Maobu]; HNHM.

Distr. AS: TA.

***Daulocoris vestitus* Hsiao, 1964**

Daulocoris vestitus Hsiao, 1964a: 595, 605. HT: ♂, CH (SW), Yunnan, Jing-hong County, Xiao-meng-yang; IZAS.

Distr. AS: CH (SE: Hainan SW: Yunnan).

Note: This species is not included in Kormilev & Froeschner, 1987.

Genus *Dimorphacantha* Usinger & Matsuda, 1959

Dimorphacantha Usinger & Matsuda, 1959: 255. Type species by monotypy:

Dimorphacantha distincta Usinger & Matsuda, 1959.

Scironocoris (non Kormilev, 1957; Heiss, 1999): Monteith, 1997: 54 (partly).

Misidentification (see Heiss 2000b: 99).

***Dimorphacantha distincta* Usinger & Matsuda, 1959**

Dimorphacantha distincta Usinger & Matsuda, 1959: 256. HT: ♂, Malaysia, Borneo, Sandakan; USNM.

Artabanus luchtii Kiritshenko, 1959a: 187 (syn. Heiss, 2000b: 110). LT (Heiss, 2000b: 110): ♀, Indonesia, Java, Banjoewangi [= Banyuwangi]; ZMAS.

Distr. AS: CH (SW). EL: south-east Asia.

Ref.: Kormilev, 1971b (tax.); Monteith, 1997 (*Scironocoris*).

Note: The record from CH (Liu, 1980: 177) may refer to another species.

Genus *Glochocoris* Usinger & Matsuda, 1959

Glochocoris Usinger & Matsuda, 1959: 199, 302. Type species by original designation:

Pictinus crassicornis Matsuda & Usinger, 1957, Mariana Is, Saipan.

Mezirella Kiritshenko, 1959a: 186 (as subgenus of *Mezira*; syn. Kormilev, 1967b: 513).

Type species by monotypy: *Mezira infantulus* Kiritshenko, 1959.

***Glochocoris infantulus* (Kiritshenko, 1959)**

Mezira (*Mezirella*) *infantulus* Kiritshenko, 1959a: 185. LT (Heiss, 2000a: 1166): ♂, JA, Honshiu [= Honshu], Takao San; ZMAS.

Distr. AS: JA.

Genus *Mezira* Amyot & Serville, 1843

Mezira Amyot & Serville, 1843: 305. Type species by monotypy: *Mezira granulata* Amyot & Serville, 1843 (junior secondary homonym of *Aradus granulatus* Say, 1832, replaced by *Brachyrrhynchus usurpatus* Bergroth, 1885), Cuba ["France meridionale" in error, see Bergroth, 1898: 188].

Ref.: Kormilev & Heiss, 1973 (key Oriental sp.); Usinger & Matsuda, 1959 (syst.).

***Mezira guangxiensis* S.L. Liu, 1980**

Mezira guangxiensis S.L. Liu, 1980: 182, 184. HT: ♂, CH (SE), Guanxi, Wuming; coll. Beijing Agricultural University, Beijing, CH.

Distr. AS: CH (SE: Guangxi).

***Mezira ludviki* Josifov & Kerzhner, 1978**

Mezira hoberlandti Josifov & Kerzhner, 1974: 52 (junior primary homonym of *Mezira*

- hoberlandti* Kormilev, 1960). HT: ♂, RU (FE), Prim. Terr., Vinogradovka; ZMAS.
Mezira ludviki Josifov & Kerzhner, 1978: 139. New name for *hoberlandti* Josifov & Kerzhner, 1974.
 Distr. AS: KO RU (FE).
 Ref.: Josifov & Kerzhner, 1974 (key).
- Mezira montana* (Bergroth, 1889)**
Brachyrrhynchus montanus Bergroth, 1889: 738. LT (Heiss, 1989a: 360): ♂, Burma, Tenasserim, Mt. Mooleyit; MCSN.
 Distr. AS: CH (SE: Hainan SW: Yunnan). EL: SE Asia.
 Ref.: S.L. Liu, 1981a (key).
- Mezira plana* Hsiao, 1964**
Mezira plana Hsiao, 1964a: 598, 605. HT: ♀, CH (SW), Yunnan, Jing-gu; IZAS.
 Distr. AS: CH (SW: Yunnan). EL: Vietnam?
 Ref.: S.L. Liu, 1981a (key).
- Mezira pygmaea* Hsiao, 1964**
Mezira pygmaea Hsiao, 1964a: 599, 605. HT: ♂, CH (SW), Yunnan, Jing-hong County, between Jing-hong and Da-meng-long; IZAS.
 Distr. AS: CH (SW: Yunnan).
 Ref.: S.L. Liu, 1981a (key).
- Mezira scabrosa* Scott, 1874**
Mezira scabrosa Scott, 1874: 444. ST(S): ♂, JA ("Japan"); BMNH.
 Distr. AS: JA.
 Ref.: Esaki, 1950 (fig.); Josifov & Kerzhner, 1974 (key, morph.).
 Note: The records for KO by Tanaka (1937, 1938), Lee (1971), and Lee & Kwon (1991) refer to *Neuroctenus castaneus* (see Lee & Kerzhner, 1994).
- Mezira setosa* Jakovlev, 1880**
Mezira setosa Jakovlev, 1880: 171. HT: ♀, RU (FE), Vladivostok; ZMAS.
 Distr. AS: CH (CE: Hubei) JA RU (FE).
 Ref.: Josifov & Kerzhner, 1974 (key); S.L. Liu, 1981a (key).
- Mezira simulans* Hsiao, 1964**
Mezira simulans Hsiao, 1964a: 600, 605. HT: ♀, CH (SW), Yunnan, Jin-ping County, Meng-la; IZAS.
 Distr. AS: CH (SW: Yunnan).
 Ref.: S.L. Liu, 1981a (key).
- Mezira sinensis* Kormilev, 1972**
Mezira sinensis Kormilev, 1972b: 582. HT: ♂, CH (CE), Anhwei [= Anhui], Taipingshien; AMNH.
 Distr. AS: CH (CE: Anhui).
 Ref.: S.L. Liu, 1981a (key).
- Mezira stysi* Kormilev, 1976**
Mezira stysi Kormilev, 1976: 88. HT: ♂, CH (CE), Jiangsu, Su-chow [= Suzhou]; KUPC.
 Distr. AS: CH (CE).
 Note: Not included in S.L. Liu, 1981a.
- Mezira subsetosa* Josifov & Kerzhner, 1974**
Mezira subsetosa Josifov & Kerzhner, 1974: 49. HT: ♂, RU (FE), Primorsk Terr., Chernaya Rechka nr Vladivostok; ZMAS.

Distr. AS: JA (Honshu, Kyushu) KO RU (FE).

***Mezira subtilis* Josifov & Kerzhner, 1974**

Mezira subtilis Josifov & Kerzhner, 1974: 51. HT: ♂, RU (FE), Primorsk Terr., Odarka river W Evgenjevka [= Spassk-Dalniy]; ZMAS.

Distr. AS: RU (FE).

***Mezira termitophila* Kormilev, 1976**

Mezira termitophila Kormilev, 1976: 88. HT: ♂, CH (SE), Hainan, Sin-Lun [= Xinglong]; KUPC.

Distr. AS: CH (SE).

Note: Not included in S.L. Liu, 1981a.

***Mezira tremulae tremulae* (Germar, 1822)**

Aradus tremulae Germar, 1822a: text to pl. 21. ST(S): LA ("Curonia"); ZMUL.

Brachyrhynchus dilatatus Burmeister 1835: 255 (syn. Baerensprung, 1858a: 81). ST(S): HU or RO, "Bannat" [= Banat]; ZMHB?

Distr. EU: BH BU BY CR GE GR HU IT LA LT NR! PL RO! RU (CT ST) SK SV UK YU.

Ref.: Dorn, 1936 (biol.); Schumacher, 1919 (habitat); Vásárhelyi, 1982b (morph.).

***Mezira tremulae caucasica* Vásárhelyi, 1978**

Mezira caucasica Vásárhelyi, 1978b: 121 (downgraded by Kerzhner, 1988: 77). HT: ♂, RU (ST): N Caucasus, presumably Dagestan (see Kerzhner, 1988: 77); HNHM.

Distr. EU: RU (ST: Caucasus). AS: AB GG.

Ref.: Vásárhelyi, 1982b (morph.).

***Mezira tremulae ussuriensis* Vásárhelyi, 1982**

Mezira tremulae ussuriensis Vásárhelyi, 1982b: 389 (downgraded by Kerzhner, 1988: 78). HT: ♂, RU (FE), Primorsk Terr., Yakovlevka; ZMAS.

Distr. AS: JA RU (FE).

***Mezira verruculata* Kiritshenko, 1959**

Mezira verruculata Kiritshenko, 1959a: 183. LT (Heiss, 2000a: 1166): ♂, RU (FE), Voroshilov [= Ussuriysk]; ZMAS.

Distr. AS: CH (NE: Jilin) RU (FE).

Ref.: Josifov & Kerzhner, 1974 (key, syst.); S.L. Liu, 1981a (key).

***Mezira yunnana* Hsiao, 1964**

Mezira yunnana Hsiao, 1964a: 598, 605. HT: ♂, CH (SW), Yunnan, Jing-hong County, Gan-lan-ba; IZAS.

Distr. AS: CH (SW: Yunnan).

Ref.: S.L. Liu, 1981a (key).

Genus *Neartabanus* Heiss, 1999

Neartabanus Heiss, 1999b: 80. Type species by original designation: *Pseudartabanus armatus* Heiss, 1982, Northeast India.

***Neartabanus brachypterus* (S.L. Liu, 1980)**

Dimorphacantha brachyptera S.L. Liu, 1980: 177, 183. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Menglong; IZAS.

Distr. AS: CH (SW).

Ref.: Heiss, 1999b.

Genus *Neuroctenus* Fieber, 1860

Neuroctenus Fieber, 1860: 34. Type species by subsequent designation (Van Duzee, 1916:

- 17): *Neuroctenus brasiliensis* Mayr, 1866 (= *Brachyrhynchus punctulatus* Burmeister, 1835), Neotropical Region.
Ref.: Kormilev, 1971b (key); Usinger & Matsuda, 1959 (syst.).
- Neuroctenus angustus* Hsiao, 1964**
Neuroctenus angustus Hsiao, 1964a: 589, 601. HT: ♂, CH (SW), Yunnan, Jin-ping County, Meng-la; IZAS.
Distr. AS: CH (SW: Guangxi, Yunnan).
Ref.: S.L. Liu, 1981a (key).
- Neuroctenus argyraeus* S.L. Liu, 1981**
Neuroctenus argyraeus S.L. Liu, 1981a: 253, 613. HT: ♂, CH (CE), Hubei, Fangxian; TMNH.
Distr. AS: CH (CE: Hubei) KO.
Ref.: Lee & Kerzhner, 1994.
- Neuroctenus ater* (Jakovlev, 1878)**
Mezira atra Jakovlev, 1878: 136. LT (Heiss, 2000a: 1166): ♀, RU (FE), Ussuri River; ZMAS.
Mezira brevicornis Reuter, 1884a: 136 (syn. Josifov & Kerzhner, 1974: 59, suspected; Kormilev & Froeschner, 1987: 165). HT: ♀, RU (FE), Vladivostok; MZHF.
Distr. AS: JA (Kyushu) KO RU (FE) TA.
- Neuroctenus castaneus* (Jakovlev, 1878)**
Mezira castanea Jakovlev, 1878: 137. LT (Heiss, 2000a: 1166): ♂, RU (FE), Ussuri River; ZMAS.
Mezira oviventris Reuter, 1884a: 137 (syn. Kiritschenko, 1913: 26). STS: RU (FE), Vladivostok; MZHF.
Distr. AS: CH (SE: Fujian NE: Jilin NO: Gansu, Shaanxi) JA KO RU (FE) TA.
Ref.: S.L. Liu, 1981a (key).
- Neuroctenus confusus* Kormilev, 1955**
Neuroctenus confusus Kormilev, 1955a: 188. HT: ♂, CH (SE), Fukien [= Fujian], Shaowu, Tachulan to Aotow; NCHU.
Distr. AS: CH (SE: Fujian).
- Neuroctenus hainanensis* S.L. Liu, 1981**
Neuroctenus hainanensis S.L. Liu, 1981a: 252, 614. HT: ♂, CH (SE), Hainan; TMNH?
Distr. AS: CH (SE: Hainan).
- Neuroctenus hubeiensis* S.L. Liu, 1981**
Neuroctenus hubeiensis S.L. Liu, 1981a: 256, 613. HT: ♂, CH (CE), Hubei, Fangxian; TMNH.
Distr. AS: CH (CE: Hubei).
- Neuroctenus humilis* (Walker, 1873)**
Mezira humilis Walker, 1873a: 26. HT, ♂, New Guinea; BMNH.
Neuroctenus luteomaculatus Kormilev & Heiss, 1977: 103 (syn. Kormilev, 1985: 1045). HT: ♂, TA, Kosempo [= Chiahshien]; coll. Heiss, Innsbruck, AU.
Distr. AS: TA. **EL:** New Guinea.
Note: True identity to be confirmed.
- Neuroctenus koreanus* Lee & Kerzhner, 1994**
Neuroctenus koreanus Lee & Kerzhner, 1994: 682. HT: ♂, KO, Kyonggido, Kwangneung; coll. Lee, Taegu, KO.
Distr. AS: KO.

***Neuroctenus macer* Kiritschenko, 1959**

Neuroctenus macer Kiritschenko, 1959a: 187. LT (Heiss, 2000a: 1166): ♀, RU (FE), Primorsk Terr., Yakovlevka Distr., Lazarovka; ZMAS.

Distr. AS: RU (FE).

***Neuroctenus pacificus* Usinger, 1946**

Neuroctenus pacificus Usinger, 1946: 36. HT: ♂, Mariana Is, Guam; BPBM.

Distr. AS: JA (Ryukyus (Yaeyama Group, Iriomote), Bonin Is). EL: Mariana Is, Palau, Philippines.

Ref.: Miyamoto & Hidaka, 1963.

***Neuroctenus palauensis* Matsuda & Usinger, 1957**

Neuroctenus palauensis Matsuda & Usinger, 1957: 151. HT: ♂, Caroline Is, Palau, Koror; USNM.

Distr. AS: JA (Bonin Is). EL: Caroline Is.

Ref.: Miyamoto, 1971 (distr.).

***Neuroctenus par* Bergroth, 1887**

Neuroctenus par Bergroth, 1887c: 180. STS: ♂, Indonesia, Java; NHMW, ZMHB (1♂).

Distr. AS: CH (SW: Yunnan). EL: Oriental Region, Australia.

Ref.: S.L. Liu, 1981a (key); Monteith, 1997 (fig., redescr.); Tomokuni, 1984.

***Neuroctenus parus* Hsiao, 1964**

Neuroctenus parus Hsiao, 1964a: 589, 601. HT: ♂, CH (SW), Yunnan, Jing-hong County, nr Jing-hong City; IZAS.

Distr. AS: CH (SW).

Ref.: S.L. Liu, 1981a (key).

***Neuroctenus rectangulus* S.L. Liu, 1981**

Neuroctenus rectangulus S.L. Liu, 1981a: 252, 612. HT: ♂, CH (SE), Hainan; TMNH?

Distr. AS: CH (SE: Hainan).

***Neuroctenus sauteri* Kormilev, 1978**

Neuroctenus sauteri Kormilev, 1978b: 56, 58. HT: ♀, TA, Pilam [= Taitung]; DEIC.

Distr. AS: TA.

***Neuroctenus scabrosus* Kormilev, 1971**

Neuroctenus scabrosus Kormilev, 1971b: 63, 70. HT: ♂, Laos, Ile de Khong; BPBM.

Distr. AS: CH SW: Yunnan). EL: Laos.

Ref.: S.L. Liu, 1987a (fig.).

***Neuroctenus shaanxianus* S.L. Liu, 1981**

Neuroctenus shaanxianus S.L. Liu, 1981a: 254, 613. HT: ♀, CH (NO), Shaanxi, Ganquan; coll. Beijing Agricultural University. Beijing, CH.

Distr. AS: CH (NO: Shaanxi).

Note: In the description both provinces Shanxi and Shaanxi are used for the type locality, but Ganquan is in Shaanxi province.

***Neuroctenus sinensis* Kormilev, 1955**

Neuroctenus sinensis Kormilev, 1955a: 186. HT: ♂, CH (SE), Fukien [= Fujian], Chungan [= Chongan], Toumieling to Shangkuatun; NCHU.

Distr. AS: CH (CE: Hubei SE: Fujian).

Ref.: S.L. Liu, 1981a (key).

***Neuroctenus singularis* Kormilev, 1971**

Neuroctenus singularis Kormilev, 1971b: 63, 70. HT: ♂, TA, Musha [= Jenai]; BPBM.

Distr. AS: TA.

***Neuroctenus taiwanicus* Kormilev, 1955**

Neuroctenus taiwanicus Kormilev, 1955b: 39. HT: ♂, TA, Kosempo [= Chiah sien]; HNHM.

Distr. AS: CH (SE: Fujian and Hainan) JA KO TA. EL: Vietnam.

Ref.: Lee & Kerzhner, 1994; S.L. Liu, 1981a (key).

***Neuroctenus yunnanensis* Hsiao, 1964**

Neuroctenus yunnanensis Hsiao, 1964a: 590, 602. HT: ♂, CH (SW), Yunnan, Jing-dong County, Mt. Wu-liang-shan; IZAS.

Distr. AS: CH (CE: Zhejiang SE: Guangdong, Guangxi SW: Yunnan).

Ref.: S.L. Liu, 1981a (key).

Genus *Odontonotus* Kormilev, 1955

Odontonotus Kormilev, 1955b: 34. Type species by monotypy: *Odontonotus sauteri* Kormilev, 1955.

Ref.: S.L. Liu, 1981a (key); Usinger & Matsuda, 1959 (syst.).

***Odontonotus annulipes* Hsiao, 1964**

Odontonotus annulipes Hsiao, 1964a: 592, 603. HT: ♀, CH (SW), Yunnan, He-kou, Nan-xi; IZAS.

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

***Odontonotus intermedius* S.L. Liu, 1980**

Odontonotus intermedius S.L. Liu, 1980: 178, 183. HT: ♂, CH (SE), Hainan; TMNH.

Distr. AS: CH (SE: Hainan).

***Odontonotus maai* Kormilev, 1955**

Odontonotus maai Kormilev, 1955a: 179. HT: ♂, CH (SE), Fukien [= Fujian], Shaowu, Tachulan; NCHU.

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

***Odontonotus sauteri* Kormilev, 1955**

Odontonotus sauteri Kormilev, 1955b: 35. HT: ♂, TA, Fuhosho [= Maobu]; HNHM.

Distr. AS: JA TA. EL: Malaysia.

Genus *Pseudartabanus* Esaki & Matsuda, 1952

Pseudartabanus Esaki & Matsuda, 1952: 65. Type species by monotypy: *Pseudartabanus formosanus* Esaki & Matsuda, 1952.

Ref.: Monteith, 1997 (syn., tax.); Usinger & Matsuda, 1959 (syst.); Heiss, 1999b.

***Pseudartabanus formosanus* Esaki & Matsuda, 1952**

Pseudartabanus formosanus Esaki & Matsuda, 1952: 65. HT: ♂ (macr.), TA, Taito Prefecture, Oikawe, Chipongoe pass; KUEC.

Pseudartabanus brachypterus Kormilev, 1971b: 133 (syn. Heiss, 1999b: 87). HT: ♂ (brach.), TA, Puli; BPBM.

Distr. AS: TA.

Genus *Pseudomezira* Heiss, 1982

Pseudomezira Heiss, 1982: 264. Type species by original designation: *Mezira nuda* Kormilev & Heiss, 1973 (= *Neuroctenus kashmirensis* Kormilev, 1971).

Ref.: Heiss, 1992 (distr., syn., tax.).

***Pseudomezira bicaudata* (Kormilev, 1971)**

Neuroctenus bicaudatus Kormilev, 1971b: 63, 68. HT: ♀, CH (SW), "Szetschwan"

[= Sichuan], Ta-Tsien-lu [= Kangding]; ZMAS.

Distr. AS: CH (SW: Sichuan NO: Shaanxi).

Ref.: Heiss, 1992 (*Pseudomezira*; distr., tax.); S.L. Liu, 1981a (*Neuroctenus*; key).

***Pseudomezira kashmirensis* (Kormilev, 1971)**

Neuroctenus kashmirensis Kormilev, 1971b: 63, 68. HT: ♂, Kashmir; ZMAS.

Mezira nuda Kormilev & Heiss, 1973: 64 (syn. Heiss, 1992: 188). HT: ♂, Nepal, Jumla distr., nr Moharigaon; NHMW.

Neuroctenus xizangensis S.L. Liu, 1981c: 170 (syn. Heiss, 1992: 195). HT: ♀, CH (WP), Xizang, Mainling; IZAS.

Distr. AS: CH (SW: Sichuan! WP: Xizang). EL: Pakistan, N India, Nepal, Bhutan.

Genus *Usingerida* Kormilev, 1955

Usingerida Kormilev, 1955e: 142. Type species by monotypy: *Usingerida walshi*

Kormilev, 1955, Indonesia (Java).

Ref.: Kormilev, 1971b (tax.); S.L. Liu, 1981a (key); Usinger & Matsuda, 1959 (syst.).

***Usingerida carinata* Hsiao, 1964**

Usingerida carinata Hsiao, 1964a: 595, 604. HT: ♂, CH (SW), Yunnan, nr Po-wen; IZAS.

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

***Usingerida hubeiensis* S.L. Liu, 1980**

Usingerida hubeiensis S.L. Liu, 1980: 178, 183. HT: ♀, CH (CE), Hubei (Shennongjia); TMNH?

Distr. AS: CH (CE: Hubei).

***Usingerida pingbiena* Hsiao, 1964**

Usingerida pingbiena Hsiao, 1964a: 593, 603. HT: ♀, CH (SW), Yunnan, Ping-bian County, Mt. Da-wie-shan; IZAS.

Distr. AS: CH (SW: Yunnan).

***Usingerida tuberosa* Hsiao, 1964**

Usingerida tuberosa Hsiao, 1964a: 594, 603. HT: ♂, CH (SW), Yunnan, Meng-hai County, Nan-nuo-shan hill; IZAS.

Distr. AS: CH (SW: Yunnan).

***Usingerida verrucigera* (Bergroth, 1892)**

Brachyrrhynchus verruciger Bergroth, 1892b: 261. HT: ♂, RU (FE), "Amuria"; NHRS.

Distr. AS: CH (SW: Yunnan) JA KO RU (FE) TA.

Ref.: Usinger & Matsuda, 1959 (*Usingerida*).

Genus *Wuiessa* Hsiao, 1964

Wuiessa Hsiao, 1964a: 588, 601. Type species by monotypy: *Wuiessa unica* Hsiao, 1964.

Ref.: S.L. Liu, 1981a (key).

***Wuiessa brachyptera* Kormilev, 1978**

Wuiessa brachyptera Kormilev, 1978a: 243. HT: ♀, CH (SW), Sichuan, Shim Kai Shot, Mt. Omei [= Mt. Emei]; USNM.

Distr. AS: CH (SW: Sichuan).

Note: This species is not included in S.L. Liu, 1981a.

***Wuiessa spinosa* S.L. Liu, 1980**

Wuiessa spinosa S.L. Liu, 1980: 176, 183. HT: ♂, CH (CE), Hubei (Shennongjia); TMNH?

Distr. AS: CH (CE: Hubei).

***Wuiessa tianmuana* S.L. Liu & Zheng, 1992**

Wuiessa tianmuana S.L. Liu & Zheng in Zheng & S.L. Liu, 1992: 258. HT: ♂, CH (CE), Zhejiang, Mt Tianmu; MSIE.

Distr. AS: CH (CE: Zhejiang).

***Wuiessa truncata* S.L. Liu, 1980**

Wuiessa truncata S.L. Liu, 1980: 175, 183. HT: ♀, CH (SE), Hainan; TMNH?

Distr. AS: CH (SE: Hainan).

***Wuiessa unica* Hsiao, 1964**

Wuiessa unica Hsiao, 1964a: 588, 601. HT: ♀, CH (SW), Yunnan, Ping-bian County, Mt Da-wei-shan; IZAS.

Distr. AS: CH (SW).

Genus *Yangiella* Hsiao, 1964

Yangiella Hsiao, 1964a: 590, 602. Type species by monotypy: *Yangiella mimetica* Hsiao, 1964.

Ref.: S.L. Liu, 1981a (key).

***Yangiella mimetica* Hsiao, 1964**

Yangiella mimetica Hsiao, 1964a: 591, 602. HT: ♂, CH (SW), Yunnan, Yong-ping County, West hill; IZAS.

Distr. AS: CH (SW: Yunnan).

Superfamily LYGAEOIDEA Schilling, 1829

Family LYGAEIDAE Schilling, 1829 - Seed-bugs

J. Péricart

The family Lygaeidae includes some 650 genera and about 4000 species, distributed in almost all habitable lands of the World, making them in our countries, after the Miridae, the most diversified group of terrestrial Heteroptera. They are fundamentally seed-eating bugs, with oligophagous to polyphagous regimes, but other diets do also exist: some of them suck stems and leaves on weeds, shrubs or trees, a few number are mycetophagous in the litter; besides, there is a latent and slight tendency to accidental predation through most lygaeids, and one subfamily is essentially predator on little arthropods; also an haematophagous ectoparasitic tribe is known in the tropics.

The subfamily Lygaeinae contains some genera bearing an aposematic coloration (red-black, red-black-white, red-black-yellow) frequently associated with an attraction towards sucking toxic plants, or toxic seeds.

The general morphology of lygaeids is typical of trichophorous Pentatomomorpha. They have paired or multipaired abdominal trichobothria, males show symmetrical pygophore and claspers, and females bear generally a well-developed ovipositor and a spermatheca. Lygaeidae possess ocelli (some exceptions are known), display four-segmented antennae, three-segmented tarsi, an hemelytral membrane bearing only 4-5 simple veins without, or with only one anastomosis crossing them near the base. Preimaginal stages of many Palaearctic species are known. Eggs have no true operculum, and show chorionic surface ornamentations like ridges, spine-, club- or mushroom-shaped asperities; they possess a complex system of aero-micropyles enabling respiration and fecundation. Larvae bear several external features allowing frequently to identify their last instars up to the generic level.

A number of Lygaeidae, except predators, possess endosymbiotic micro-organisms in their intestine or in special organs named mycetomes, and different ways assure the transmission of the symbionts to the progeny.

Palaearctic Lygaeidae are currently subdivided into 13 subfamilies, most of them probably monophyletic. The more diversified is the Rhyparochrominae with 12 tribes, essentially polyphagous seed eating, often fast running ground bugs.

A few lygaeids are severe agricultural pests, as the American cereals chinch-bug *Neoblissus leucopterus* and the tropical sugar-cane bug *Cavalerius saccharivorus*; in the Palaearctic only mildly noxious species do exist, except a cotton pest *Oxycarenus hyalinipennis* at the southern limits of our region.

World catalogues: Lethierry & Séverin, 1894 (outdated); J.A. Slater, 1964a, updated by J.A. Slater & O'Donnell, 1995. Palaearctic catalogues: Oshanin, 1906, 1912. North American Catalogue: Ashlock & J.A. Slater in Henry & Froeschner, 1988. Classification: Stål, 1872, 1874a; Henry, 1997a (see note below). Monographs: West-Palaearctic - Péricart, 1999a, 1999b, 1999c; Ukraine - V.G. Putshkov, 1969a. Faunistic works: Europe - Stichel, 1957-1959; British Isles - Southwood & Leston, 1959; former European Soviet Union - Kiritschenko, 1951b, and Kerzhner in Kerzhner & Jaczewski, 1964; NE Siberia - Vinokurov, 1985; China - Zheng & Zou, 1981a; Japan - Hidaka, 1958 to 1964.

Note: The cladistic analysis performed by Henry (1997a) led him to propose, in the frame of a new classification of Pentatomomorpha, a reconsideration of the family Lygaeidae, upgrading a number of its subfamilies to the family rank and including the Berytidae among this new group of families. The author of the recent West Palaearctic monograph and of the present chapter of this catalogue has felt that too short a time elapsed since these not yet discussed Henry's proposals, and that consequently adoption of such a new system should be premature;

for this reason the higher classification followed here is, with minor deviations, the same used in the Slater catalogue (1964a) and updated by J.A. Slater and O'Donnell (1995).

The citations of names of varieties and forms in subspecies format by J.A. Slater (1964a) are not considered as upgradings to subspecific rank in itself.

The gender of generic names ending in *-dema* (neuter or feminine) has been a matter of discussion for a long time. To unify the approach with that in the previous volumes of the catalogue, feminine gender is accepted here for those names, rather than neuter as used in Péricart's monograph (1999a: xvii).

Family LYGAEIDAE Schilling, 1829

LYGAEIDAE Schilling, 1829: 35, 37 ("Lygaeides"). Type genus: *Lygaeus* Fabricius, 1794.

MYODOCHIDAE: Kirkaldy, 1899a: 220 (as replacement name for Lygaeidae). Type genus: *Myodocha* Latreille, 1807.

GEOCORIDAE: Kirkaldy, 1902: 306 (as replacement name for Lygaeidae). Type genus: *Geocoris* Fallén, 1814.

Extralimital subfamilies: Cryptorhamphinae Stål, 1866 (Australia and Pacific islands); Psamminae Bergroth, 1921 (tropical Africa and India); Henicocorinae Woodward, 1968 (Australia).

Ref.: Péricart, 1999a, 1999b, 1999c (monogr. W Palaearctic spp.); V.G. Putshkov, 1969a (UK); J.A. Slater, 1964a (world cat.); J.A. Slater & O'Donnell, 1995 (suppl. world cat.); Stichel, 1957-1959 (monogr., Europe); Zheng & Zou, 1981a (CH).

Subfamily LYGAEINAE Schilling, 1829

LYGAEINAE Schilling, 1829: 35, 37: 248 (Lygaeides).

ASTACOPINAE Kirkaldy, 1899a: 220 (unnecessary new name for Lygaeinae). Type genus: *Astacops* Boisduval, 1835, Australian and Oriental regions).

Ref.: Deckert, 1990 (male genitalia).

Genus *Aethalotus* Stål, 1874

Aethalotus Stål, 1874a: 98, 100. Type-species by monotypy: *Astacops afzelii* Stål, 1865, Sierra Leone.

Abgarus Distant, 1910a: 313 (syn. Bergroth, 1911: 184). Type-species by original designation (under Art. 68.2.2): *Abgarus typicus* Distant, 1910, Borneo.

Aethalotus nigriventris Horváth, 1914

Aethalotus nigriventris Horváth, 1914: 632. LT (Scudder, 1963a: 403): ♀, TA, Fuhosho [= Maobu]; HNHM.

Distr. AS: CH (SE SW) JA TA.

Ref.: Esaki, 1926.

Aethalotus tonkinensis Scudder, 1963

Aethalotus tonkinensis Scudder, 1963a: 385, 398, 401, 404. HT: ♂, Vietnam, "Tonkin", Hoa-Binh region; MNHN.

Distr. AS: CH (SE SW). EL: Indochina.

Aethalotus yunnanensis Zou & Zheng, 1981

Aethalotus yunnanensis Zou & Zheng in Zheng & Zou, 1981a: 20, 589. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Meng-ban; IZAS.

Distr. AS: CH (SW).

Genus *Apterola* Mulsant & Rey, 1866

Apterola Mulsant & Rey, 1866: 368. Type species by monotypy: *Apterola kuenckeli* Mulsant & Rey, 1866.

Ref.: Deckert, 1995; Peláez, 1942 (subgenera); Péricart, 1999a (monogr.).

Subgenus *Apterola* Mulsant & Rey, 1866

***Apterola kuenckeli kuenckeli* Mulsant & Rey, 1866**

Lygaeus pedestris Stål, 1866b: 162 (junior primary homonym of *Lygaeus pedestris* Panzer, 1797; syn Stål, 1872: 42). LT (Péricart, 1997a: 70): ♂, IT, Sicily; NHRS.

Apterola kuenckeli Mulsant & Rey, 1866: 368. ST(S): SP, lost.

Apterola gridellii Mancini, 1942: 92 (syn. Deckert, 1995: 9). LT (Péricart, 1998a: 277): ♂, LB, "Cirene"; MCSN.

Distr. EU: BU! FR GR IT MA MC SP. NA: AG EG LB MO TU.

***Apterola kuenckeli focarilei* Tamanini, 1964**

Apterola pedestris focarilei Tamanini, 1964: 68. HT: ♂, IT, Pantelleria Is.; MCRI.

Distr. EU: IT.

***Apterola kuenckeli obscura* Deckert, 1995**

Apterola kuenckeli obscura Deckert, 1995: 9. HT: ♂, SP, prov. Malaga, Ronda; ZSMC.

Distr. EU: SP. NA: MO.

***Apterola kuenckeli rubicunda* (Stål, 1872)**

Graptostethus (*Apterola*) *rubicundus* Stål, 1872: 42 (downgraded by Deckert, 1995: 9).

HT: ♀, IS, JO or SY ("Palestina"); NHRS.

Distr. AS: AT CY IN IS! JO LE SY.

***Apterola lownii* (Saunders, 1876)**

Lygaeosoma lownii Saunders, 1876a: 103. LT (Péricart, 1997a: 69): ♀ (macr.), IS (Galilea); BMNH.

Lygaeus tristrami var. *divulsus* Horváth, 1899b: 283 (syn. Horváth, 1916a: 462). LT: (Péricart, 1996a: 157): ♂, AT, Mardin; MNHN.

Distr. EU: BU ET MC. AS: AB AK AR AT CY GG IN IQ IS KI SY TD TM UZ.

Subgenus *Parapterola* Peláez, 1942

Parapterola Peláez, 1942: 118, 124 (as subgenus of *Apterola*). Type species by original designation: *Apterola ramburi* Peláez, 1942.

Ref.: Peláez, 1942 (rev.).

***Apterola iberica* Horváth, 1899**

Apterola iberica Horváth, 1899b: 283. LT (Péricart, 1996a: 155): ♂, SP, Ciudad Real, Pozuelo de Calatrava; MNMS.

Distr. EU: SP.

***Apterola ramburi* Peláez, 1942**

Apterola (*Parapterola*) *ramburi* Peláez, 1942: 129. HT: ♂, SP, Sierra Nevada, Mt Veleta; MNMS.

Distr. EU: SP.

Genus *Arocatus* Spinola, 1837

Arocatus Spinola, 1837: 257. Type species by monotypy: *Lygaeus melanocephalus* Fabricius, 1798.

Tetralaccus Fieber, 1860: 44, 1861a: 164 (syn. Stål, 1872: 42). Type species by monotypy: *Lygaeus roeselii* Schilling, 1829.

Microcaenocoris Breddin, 1900a: 171 (syn. Deckert, 1991: 365). Type species by monotypy: *Microcaenocoris nanus* Breddin, 1900, Indonesia (Sumbawa).
Ref.: Péricart, 1999a (monogr.); Stål, 1872.

***Arocatus aurantium* Zou & Zheng, 1981**

Arocatus aurantium Zou & Zheng in Zheng & Zou, 1981a: 17, 590. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Gan-lan-ba; IZAS.
Distr. AS: CH (SW).

***Arocatus continctus* Distant, 1906**

Arocatus continctus Distant, 1906a: 410. LT (A. Slater, 1978: 856): ♀, "Ceylon" [= Sri Lanka], Eppawela; BMNH.
Graptostethus parvus Distant, 1918a: 422 (syn. A. Slater, 1985: 316). ST(S): Australia, Queensland, Townsville; BMNH.
Distr. AS: CH (SE: Hainan). EL: Australia, Sri Lanka.
Ref.: Zheng & Zou, 1981a.

***Arocatus longiceps* Stål, 1872**

Arocatus longiceps Stål, 1872: 42. HT: ♂, GR; NHRS.
Arocatus grassii Picco, 1920: 101 (syn. Stichel, 1959: 314). ST(S): IT, Lazio; MCZR?
Arocatus grassii var. *fuscipes* Picco, 1920: 104. LT (Péricart, 1998a: 277): ♀, IT, nr Roma; MCSN.
Arocatus grassii var. *nigrirostris* Picco, 1920: 104. LT (Péricart, 1998a: 277): ♂, IT, nr Roma; MCSN.
Arocatus grassii var. *sanguineus* Picco, 1920: 105. LT (Péricart, 1998a: 277): ♂, IT, nr Roma; MCSN.
Arocatus grassii var. *thoracicus* Picco, 1920: 104. ST(S): IT, nr Roma; MCZR?
Distr. EU: AL AU BU CR! CZ ET GE GR HU IT MC RU (ST) SL UK YU. AS: AB AR AT CY GG IN IS.

***Arocatus melanocephalus* (Fabricius, 1798)**

Lygaeus melanocephalus Fabricius, 1798: 540. LT (Péricart, 1999d: 82): ♀, FR; ZMUC.
Lygaeus pruinus Eversmann, 1837: 36. Nomen nudum.
Arocatus melanocephalus var. *melandiscus* Garbiglietti, 1869: 112. For "Melandiscus" of Amyot, 1846: 81. ST(S): IT, Piemonte.
Arocatus melanocephalus f. *austera* Stichel, 1957: 84.
Distr. EU: AN AU BH BU CR CZ ET FR GE GR HU IT MD PL PO RO RU (CT ST) SL SP SZ UK YU. AS: AB AR AT GG.
Ref.: Çagatay, 1995; Seabra, 1930a (notes).
Note: The record from UZ (Péricart, 1999a) is erroneous.

***Arocatus melanostoma* Scott, 1874**

Arocatus melanostoma Scott, 1874: 426. LT (Péricart, 1999d: 82): ♂, JA; BMNH.
Arocatus maculifrons Jakovlev, 1881: 208 (syn. Horváth, 1889a: 326). HT: ♂, RU (FE), Vladivostok; ZMAS.
Distr. AS: CH (CE NE SE) JA KO RU (FE).

***Arocatus roeselii* (Schilling, 1829)**

Lygaeus roeselii Schilling, 1829: 60. ST(S): PL; lost.
? *Arocatus roeselii* var. *collaris* Puton, 1875a: 20. Nomen nudum.
Arocatus roeselii var. *intermedius* Puton, 1878b: 13. HT: FR, Corsica; lost.
Arocatus roeselii var. *barrosii* Seabra, 1930a: 4. ST(S): PO; lost.
Arocatus rhoeselii [sic] var. *royeri* Seabra, 1930a: 4. ST(S): SP; lost.
Arocatus roeselii f. *seabrai* Stichel, 1957: 83.

Distr. EU: AU BE? BH BU CR CZ FR GE HU IT LS LU MC PL PO RO RU (CT NT ST) SK SL SP SZ UK YU. **NA:** AG TU. **AS:** AB AK AT GG SY.

Ref.: Carayon, 1989a (biol.); Seabra, 1930a (notes, varieties).

Note: *Cimex triangularis* Goeze, 1778 (now in *Brachycoleus*, Miridae) and its objective synonyms *C. eryngii* Geoffroy, 1785 and *C. trigonus* Gmelin, 1790 were erroneously listed in synonymy of *A. roeselii* by Reuter (1888a: 186) and some subsequent authors.

***Arocatus rufipes* Stål, 1872**

Arocatus rufipes Stål, 1872: 42. HT: ♀, RU (ES), Viätka [= Kyakhta]; NHRS.

Arocatus fasciatus Jakovlev, 1889b: 328 (syn. Kiritshenko & Kerzhner, 1980: 73). LT (Péricart, 1998b: 124, see note): ♂, RU (ES), Troitskossavsk; ZMAS.

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

Ref.: Oshanin, 1912; Reuter, 1913; Zheng & Zou, 1981a (*fasciatus*).

Note: In Péricart (1998b) the valid name was erroneously credited to Jakovlev, instead of Stål.

***Arocatus sericans* (Stål, 1860)**

Lygaeus sericans Stål, 1860b: 240. HT: ♀, CH (SE), Hong Kong; NHRS.

Distr. AS: CH (SE SW) JA KO TA. **EL:** Sri Lanka, India.

Ref.: Singh-Pruthi, 1925 (morph.); Stål, 1874a.

***Arocatus suboeneus* Montandon, 1893**

Arocatus suboeneus Montandon, 1893: 404. ST(S): "Mozambique, Rikatla"; MGAB?

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

Genus *Aspilocoryphus* Stål, 1874

Aspilocoryphus Stål, 1874a: 99, 117. Type species by subsequent designation (Distant, 1903a: 11): *Lygaeus fasciiventris* Stål, 1858.

***Aspilocoryphus fasciiventris* (Stål, 1858)**

Lygaeus fasciiventris Stål, 1858a: 316, 317. HT: ♀, S Africa, Botswana, nr lake N'Gami; NHRS.

Distr. AS: IN! IS! SA? **EL:** tropical Africa.

***Aspilocoryphus mendicus mendicus* (Fabricius, 1775)**

Cimex mendicus Fabricius, 1775: 720. STS (Zimsen, 1964: 327): India; ZMUC.

Lygaeus guttiger Dallas, 1852: 547 (syn. Breddin, 1907a: 44). LT (Péricart, 1999d: 81): ♀, India, N Bengal; BMNH.

Distr. AS: CH (SE). **EL:** India, Philippines, Sri Lanka.

Extralimital subspecies: *Aspilocoryphus mendicus sordidulus* Breddin, 1907, Sri Lanka.

Ref.: Paiva, 1918 (biol.).

***Aspilocoryphus tibetus* Zou, 1981**

Aspilocoryphus tibetus Zou in Zheng & Zou, 1981b: 148, 161. HT: ♂, CH (WP), Xizang [=Tibet], Xiao Gyirong; IZAS.

Distr. AS: CH (SW WP).

Genus *Caenocoris* Fieber, 1860

Caenocoris Fieber, 1860: 44; 1861a: 166. Type species by monotypy: *Lygaeus nerii* Germar, 1847.

***Caenocoris dimidiatus* Breddin, 1907**

Caenocoris dimidiatus Breddin, 1907a: 45. LT (Gaedike, 1971: 116): ♂!, "Ceylon" [= Sri Lanka], Negombo; DEIC.

Distr. AS: JA TA. **EL:** Sri Lanka.

Ref.: Kinjō & Hayashi, 1998.

***Caenocoris nerii* (Germar, 1847)**

Lygaeus nerii Germar, 1847: text to pl. 17. STS: AT GR IT (Sicily); ZMUL.

Lygaeus semiruber Walker, 1872: 58 ("semirubes"), 192 (correction of spelling) (syn. Distant, 1901a: 539). HT: ♀, India; BMNH.

Distr. EU: AL BU GR IT MA SP. **NA:** AG CI LB MO TU. **AS:** AT CH (SE) CY GG IN IS JO SA YE. **EL:** Oriental Region (India, Pakistan), tropical Africa.

Note: Erroneously quoted from S France and Corsica.

Genus *Cosmopleurus* Stål, 1872

Cosmopleurus Stål, 1872: 41 (as subgenus of *Lygaeus*; upgraded by Bergevin, 1934a: 412).

Type species by monotypy: *Lygaeus fulvipes* Dallas, 1852.

***Cosmopleurus fulvipes* (Dallas, 1852)**

Lygaeus fulvipes Dallas, 1852: 536. LT (Péricart, 1997a: 63): ♀, EG; BMNH.

Cosmopleurus fulvipes var. *obscura* Bergevin, 1936: 67. STS: Chad, Tibesti Plateau, between Goumeur and Aozî.

Distr. EU: CR MA SP. **NA:** AG EG LB MO TU. **AS:** IN IS JO SA SY YE. **EL:** Pakistan!, tropical Africa (Cabo Verde Is, Mauritania!, Sudan).

Genus *Emphanisis* China, 1925

Emphanisis China, 1925: 460. Type species by original designation: *Emphanisis cuprea* China, 1925.

Ref.: Zheng & Zou, 1981a (key); Zou & Zheng, 1980 (rev.).

***Emphanisis cuprea* China, 1925**

Emphanisis cuprea China, 1925: 462. HT: ♂, CH (SW), Yunnan, Feng-ming-kai, S of Likiang, 7700ft; BMNH.

Distr. AS: CH (SW WP) KO RU (FE).

***Emphanisis emeiensis* Zou & Zheng, 1980**

Emphanisis emeiensis Zou & Zheng, 1980: 405, 408. HT: ♀, CH (SW), Sichuan, Mt Emei; IZAS.

Distr. AS: CH (SW).

***Emphanisis fusca* Zou & Zheng, 1980**

Emphanisis fuscus Zou & Zheng, 1980: 404, 408. HT: ♀, CH (SW), Sichuan, Lin-xian; NKUM.

Distr. AS: CH (SW).

***Emphanisis hubeiensis* Zou & Zheng, 1980**

Emphanisis hubeiensis Zou & Zheng, 1980: 406, 408. HT: ♂, CH (CE), Hubei, Shen-nong-jia; NKUM.

Distr. AS: CH (CE).

***Emphanisis kiritshenkoi* Kerzhner, 1977**

Emphanisis kiritshenkoi Kerzhner, 1977a: 30. HT: ♂, RU (FE), Primorsk Terr., mid valley of Komarovka (Suputinka) River; ZMAS.

Distr. AS: CH (SW) KO RU (FE).

***Emphanisis tibetensis* Zou, 1981**

Emphanisis tibetensis Zou in Zheng & Zou, 1981b: 149, 161. HT: ♂, CH (WP), Xizang [=Tibet], Cona, 2500 m; IZAS.

Distr. AS: CH (WP).

Genus *Graptostethus* Stål, 1868

Graptostethus Stål, 1868: 73 (as subgenus of *Lygaeus*; upgraded by Stål, 1872: 42). Type species by subsequent designation (Distant, 1903a: 8): *Cimex servus* Fabricius, 1787.
Ref.: Péricart, 1999a (monogr.); Zheng & Zou, 1981a (key).

Graptostethus incertus (Walker, 1872)

Lygaeus incertus Walker, 1872: 64. HT (in very bad condition): unknown locality; BMNH.

Distr. AS: CH (SW WP).

Graptostethus quadrisignatus Distant, 1879

Graptostethus quadrisignatus Distant, 1879: 130. LT (Péricart, 1999d: 84): ♀, Northeast India, N Khasia hills; BMNH.

Distr. AS: CH (SW). EL: India.

Graptostethus servus servus (Fabricius, 1787)

Cimex servus Fabricius, 1787: 300. LT (Péricart, 1999d: 84): ♂, CH; ZMUC.

Lygaeus maculicollis Germar, 1847: text to pl. 16 (syn. Reuter, 1888a: 185). LT (Péricart, 1999d: 82): ♂, CR, Dalmatia; ZMHB.

Lygaeus rubricosus Stål, 1854a: 235 (syn. Stål, 1866b: 162, with *maculicollis*). ST(S): PO.

Lygaeus manillensis Stål, 1860b: 240 (syn. Stål, 1874a: 117; A. Slater, 1978: 855). HT: ♂, Philippines, Manila; NHRS.

Lygaeus ornatus Uhler, 1860: 227 (syn. Stål, 1874a: 117). ST(S): CH.

Graptostethus servus f. *conjuncta* Stichel, 1957: 76.

Distr. EU: AL CR FR GR IT PO SP YU. NA: AG EG MO. AS: AT CH (SE SW WP) CY IS JA KO SA SY TA YE. EL: Afrotropical Region (Cabo Verde Isl., tropical Africa, Madagascar); Oriental Region (India, Indochina, Indonesia (Java and Sumatra), New-Guinea, Philippines); Pacific Region (Australia, Hawai, Polynesia).

Extralimital subspecies: *Graptostethus servus insularis* Stichel, 1957, Mauritius Is.; *Graptostethus servus nigriceps* Stål, 1874, Ascension, Fiji, Guam; *Graptostethus servus pacificus* Stichel, 1957, Pacific Region; *Graptostethus servus stali* Stichel, 1957, "Africa".

Genus *Hormopleurus* Horváth, 1884

Hormopleurus Horváth, 1884: 9. Type species by monotypy: *Hormopleurus nysioides* Horváth, 1884.

Hormopleurus nysioides Horváth, 1884

Hormopleurus nysioides Horváth, 1884: 9. HT: ♂, IS, "Kaifa" [= Haifa]; HNHM.

Lygaeosoma hoggari Bergevin, 1932a: 286 (syn. Wagner, 1963a: 481). HT: ♂, AG, Hoggar, Tehintekert, 1280 m; MNHN.

Distr. NA: AG EG LB MO. AS: IQ IS SA YE. EL: Afrotropical (Ivory Coast!, Sudan).

Note: Indication from SY in the literature refers to IS.

Genus *Horvathiolus* Josifov, 1965

Horvathiolus Josifov, 1965a: 316. Type species by original designation: *Cimex superbus* Pollich, 1779.

Ref.: Josifov, 1965a (rev.); Péricart, 1999a (monogr.).

***Horvathiolus albomacula* (Lindberg, 1960)**

Melanocoryphus albomacula Lindberg, 1960: 7. HT: ♀, CI, Gran Canaria, Artenara; MZHF.

Distr. NA: CI.

Ref.: Josifov, 1965a (*Horvathiolus*).

***Horvathiolus canariensis* (Wagner, 1954)**

Lygaeus punctatoguttatus (non Fabricius, 1781): Dallas, 1852: 547. Misidentification (see J.A. Slater, 1964a: 128).

Melanocoryphus canariensis Wagner, 1954a: 5. HT: ♂, CI, Tenerife; ZMUH.

Distr. NA: CI MR.

Ref.: Josifov, 1965a (*Horvathiolus*); Lindberg, 1953 (ecol.); Puton in Noualhier, 1889 (ecol.).

***Horvathiolus delicatulus delicatulus* (Stål, 1855)**

Lygaeus delicatulus Stål, 1855a: 32. ST(S): South Africa, Natal; NHRS?

Distr. AS: YE. EL: South Africa, Sudan.

Extralimital subspecies: *Horvathiolus delicatulus argutidens* Linnavuori, 1978, Sudan.

Ref.: Stål, 1874a (*Melanocoryphus*).

***Horvathiolus fulvescens* (Puton, 1874)**

Melanocoryphus fulvescens Puton, 1874b: 452. LT (Péricart, 1996b: 106): ♂, AG, Biskra; MNHN.

Distr. EU: SP. NA: AG LB TU. AS: AT?

Ref.: Horváth, 1916a (*Melanocoryphus*, rev.); Josifov, 1965a (*Horvathiolus*); Lethierry & Puton, 1876 (redescr.).

***Horvathiolus gibbicollis* (A. Costa, 1882)**

Lygaeosoma gibbicollis A. Costa, 1882: 200. STS: ♂, ♀, IT, Sardinia.

Distr. EU: FR? IT MA SP. NA: AG MO TU.

Ref.: A. Costa, 1883 (redescr.); Horváth, 1916a (*Melanocoryphus*, rev.); Josifov, 1965a (*Horvathiolus*); Solbreck, 1986 (wing polymorphism).

***Horvathiolus guttatus* (Rambur, 1839)**

Lygaeus punctatoguttatus (non Fabricius, 1781): Herrich-Schaeffer, 1833a: 8.

Misidentification (see J.A. Slater, 1964a: 132).

Lygaeus guttatus Rambur, 1839: 155. LT (Péricart, 1998a: 277): ♂ (brach.), SP, Cádiz; BMNH.

Lygaeus superbus var. *monostigma* Horváth, 1898a: 152 (syn. Horváth, 1916a: 467). LT (Péricart, 1996a: 157): ♀ (brach.), AG, Tlemcen; HNHM.

Lygaeus (Melanocoryphus) sefrensis Reuter, 1900b: 243 (syn. Josifov, 1965a: 328). ST(S): ♂, AG, Aïn Sefra; lost.

Melanocoryphus putoni Reuter, 1902: 149 (syn. Horváth, 1903: 555, with *monostigma*). LT (Péricart, 1997a: 67): ♀, SP, Algeciras; MNHN.

Melanocoryphus persimilis Horváth, 1916a: 466 (syn. Josifov, 1965a: 328). LT (Péricart, 1996a: 156): ♂, SP, Palencia; HNHM.

Distr. EU: FR PO SP. NA: AG EG LB MO TU.

Ref.: Horváth, 1916a (*Melanocoryphus*, rev.); Josifov, 1965a (*Horvathiolus*); Péricart, 1999a (discussion).

Note: See note under *Horvathiolus superbus*.

***Horvathiolus heydeni* (Puton, 1892)**

Lygaeus (Melanocoryphus) heydeni Puton, 1892a: 71. HT: ♂, KI, "Turkestan, Mts Alaï"; MNHN.

Melanocoryphus curtispennis Kiritshenko, 1951a: 191 (syn. Josifov, 1965a: 330). Nomen

nudum.

Distr. AS: AK KI TD TM! UZ.

Ref.: Josifov, 1965a (*Horvathiolus*).

***Horvathiolus kiritshenkoi kiritshenkoi* Josifov, 1965**

Horvathiolus kiritshenkoi Josifov, 1965a: 322. HT: ♂, AR, Megri, nr Araks River; ZMAS.

Distr. AS: AR AT IN (North Prov.)

***Horvathiolus kiritshenkoi mesopotamicus* Péricart, 1998**

Horvathiolus kiritshenkoi mesopotamicus Péricart, 1999a: 129. HT: ♂ (submacr.), IQ, Baghdad Prov., Abu Ghraib; coll. Remane, Marburg, GE.

Distr. AS: IQ.

***Horvathiolus mendosus* (Horváth, 1916)**

Melanocoryphus melanogaster var. *mendosus* Horváth, 1916a: 463 (upgraded by Josifov, 1965a: 323). LT (Josifov, 1965a: 323, as "Typus"): ♂ (brach.), CY; HNHM.

Melanocoryphus persimilis var. *apricans* Horváth, 1916a: 466 (syn. Josifov, 1965a: 323). LT (Pécart, 1996a: 156): ♂, TU, Kairouan; HNHM.

Melanocoryphus sanctus var. *insons* Horváth, 1916a: 468 (syn. Josifov, 1965a: 323). LT (Pécart, 1996a: 156): ♂, IS, "Genezareth lake"; HNHM.

Melanocoryphus atakoricus Bergevin, 1932b: 281 (syn. Josifov, 1965a: 329, with *guttatus*; Pécart, 1996b: 105, with *mendosus*). HT (see Pécart, 1996b: 105): ♂, AG, Sahara, Hoggar Mts, Atakor, Oued Amsa; MNHN.

Distr. EU: FR GR SP. NA: AG EG LB MO TU. AS: CY IS SY.

Ref.: Josifov, 1965a (*atacoricus* [sic]); Pécart, 1999a (monogr.); J.A. Slater, 1964a (*guttatus*, partly).

***Horvathiolus najranus* Linnavuori, 1986**

Horvathiolus najranus Linnavuori, 1986: 72. HT: ♂, SA, Najran; AMNH.

Distr. AS: SA.

***Horvathiolus rhea* Linnavuori & Al Safadi, 1993**

Horvathiolus rhea Linnavuori & Al Safadi, 1993: 9. HT: ♂, YE, Abyan, Al Mahfid; coll. Linnavuori, Raisio, FI.

Distr. AS: YE.

***Horvathiolus superbus* (Pollich, 1781)**

Cimex superbus Pollich, 1781: 268. ST(S): GE, Weilburg; lost.

Cimex punctatoguttatus Fabricius, 1781: 365 (syn. Reuter, 1885b: 202). HT: ? (abdomen missing), IT; ZMUC.

Cimex discolor Gmelin, 1790: 2173. Unnecessary new name for *punctatoguttatus* Fabricius, 1781.

Lygaeus schummelii Schilling, 1829: 60 (syn. Puton, 1886a: 21). ST(S): PL, Silesia, between "Silberberg" and "Wartha" [= Wojborz]; lost.

Lygaeus superbus var. *melanogaster* Horváth, 1899b: 283 (upgraded to species by Horváth, 1916a: 463; syn. Josifov, 1965a: 327). LT (Pécart, 1996a: 157): ♀, SP, Cartagena; HNHM.

Melanocoryphus confluens Horváth, 1916a: 463 (syn. Josifov, 1965a: 327). LT (Pécart, 1996a: 154): ♂, SP, Ciudad Real; HNHM.

Melanocoryphus sanctus Horváth, 1916a: 468 (syn. Josifov, 1965a: 327). LT (Pécart, 1996a: 157): ♂, IS, Jordan; HNHM.

Melanocoryphus superbus var. *kolenatii* Horváth, 1916a: 465. STS: ♀, SP and AR ("Transcaucasia"); HNHM.

Melanocoryphus superbus var. *erythropus* Horváth, 1916a: 466. STS: ♀, GR (Crete, Dhia

Is. nr Heraklion) and YU (Serbia, Vranja); HNHM.
Spilostethus superbus var. *conjunctus* Mancini, 1952a: 59. LT (Péricart, 1998a: 278): ♀, IT, Roma, Tre Fontane; MCSN.
 ?*Melanocoryphus superbus beieri* Wagner, 1956b: 302 (syn. Stichel, 1959: 313). HT: ♀, GR, Argostolion; NHMW.
 ?*Melanocoryphus superbus* f. *romana* Stichel, 1957: 142.
Distr. EU: AL AN! AU BE BH BU CR CZ FR GB (Jersey) GE GR HU IT LU MA MC NL! PL? PO RO RU (ST) SK SP SZ UK YU. NA: CI MR. AS: AB AF AK AR AT CH (NW) CY GG IN IS KI MG TD TM UZ.
Ref.: Ollivier, 1980 (biol.).
Note: Except for some cases verified by the author and proved to belong to other taxa, synonymies concerning *H. superbus* and *H. guttatus* are given here following Josifov (1965a); nevertheless the differences between these two species seem so slight that it might be possible that they constitute only one species with different clines in its vast geographical range (see Péricart, 1999a).

***Horvathiolus syriacus* (Reuter, 1885)**

Melanocoryphus superbus var. *syriacus* Reuter, 1885b: 202 (upgraded by Horváth, 1916a: 464). LT (Péricart, 1997a: 67): ♀, IS, "Kaifa" [= Haifa]; MZHF.

Distr. EU: BU ET GR IT RO RU (ST) SP. NA: AG EG LB MO TU. AS: AB AR AT CY GG IN IQ IS JO KI SY TM UZ.

Genus *Lygaeosoma* Spinola, 1837

Lygaeosoma Spinola, 1837: 254. Type species by monotypy: *Lygaeosoma sardeum* Spinola, 1837.

Epibomius Distant, 1909a: 328 (syn. Horváth, 1911b: 337). Type species by monotypy: *Epibomius pusa* Distant, 1909, India.

Ref.: Péricart, 1999a (monogr.); Puton, 1878b; Seidenstücker, 1960 (polymorphism, rev. Palaearctic spp.).

***Lygaeosoma anatolicum* Seidenstücker, 1960**

Lygaeosoma anatolicum Seidenstücker, 1960: 7. HT: ♂, AT, Antakia (Harbiye); ZSMC.

Distr. EU: BU FR GR HU IT? RO RU (ST) SP UK. AS: AB AK AR AT GG IN IQ IS SY.

***Lygaeosoma angulare* Reuter, 1885**

Lygaeosoma angulare Reuter, 1885b: 206. LT (Péricart, 1997a: 66): ♂, GR, Corfu, MZHF.

Distr. EU: BU GR MC. AS: AT CY LE.

***Lygaeosoma chinense* Winkler, 1979**

Lygaeosoma chinense Winkler, 1979: 36, 40. HT: ♂, CH (NW), Xinjiang, Kashgasia, river Niya-Darya to sepulchre of Imam-Dzharar-Sadyr; ZMAS.

Distr. AS: CH (NW).

***Lygaeosoma longulum* Zou & Zheng, 1981**

Lygaeosoma longulum Zou & Zheng, 1981a: 291, 294. HT: ♀, CH (SW), S Yunnan, Si-mao; IZAS.

Distr. AS: CH (SW).

Ref.: Zheng & Zou, 1981a.

***Lygaeosoma parvulum* Kiritshenko, 1914**

Lygaeosoma parvulum Kiritshenko, 1914a: 405. LT (Péricart, 1998b: 128): ♂, UZ, "Bukhara mer., Laylakan"; ZMAS.

Distr. AS: IN IQ TM UZ.

Ref.: Seidenstücker, 1960; Winkler, 1979 (former USSR).

***Lygaeosoma pusillum* (Dallas, 1852)**

Arocatus pusillus Dallas, 1852: 550. LT (Péricart, 1999d: 83): ♀, E India; BMNH.

Distr. AS: CH (SW). **EL:** Burma, India, Indonesia.

Ref.: Distant, 1903a (*Lygaeosoma*); J.A. Slater, 1964a; Zheng & Zou, 1981a.

***Lygaeosoma sardeum sardeum* Spinola, 1837**

Lygaeosoma sardea Spinola, 1837: 256. LT (Péricart, 1998c: 8): ♀, IT, Sardinia; MSNT.

Heterogaster reticulatus Herrich-Schaeffer, 1838: 77 (syn. A. Costa, 1853: 72, suspected; Baerensprung, 1860: 8). STS: ♀, HU and SP; lost.

Pachymerus variabilis Rambur, 1839: 152 (syn. Baerensprung, 1860: 8). LT (Péricart, 1999d: 85): ♀, SP, Granada; BMNH.

Lygaeosoma reticulatum var. *numidicum* Puton, 1887: 96 (considered as infrasubspecific form by Seidenstücker, 1960: 6). LT (Péricart, 1996b: 107): ♂, TU?, Bir-Marboth; MNHN.

Lygaeosoma reticulatum f. *hungarica* Stichel, 1957: 81. STS?: HU.

Distr. EU: AL AU BH BU CR CZ FR GB (Jersey) GE GR HU IT MA MC PO RO RU (ST) SK SL SP SZ UK YU. **NA:** AG CI EG MO TU. **AS:** AB AF AK AR AT CY GG IN IQ IS JO KI MG SY TD TM UZ.

Ref.: Péricart, 1999a (*sardeum*); Seidenstücker, 1960 (variation).

***Lygaeosoma sardeum erythropterum* (Puton, 1876)**

Melanocoryphus erythropterus Puton, 1876: 276 (as var. of *reticulatum* by Puton, 1895: 85; upgraded to ssp. by Seidenstücker, 1960: 1). HT: ♂, GR, Naxos; MNHN.

Distr. EU: GR SP. **NA:** MO.

Note: Seidenstücker (1960) considers this form as "East mediterranean". Péricart (1999a) found specimens in western Mediterranean countries; possibly *erythropterum* only represents an infrasubspecific variation of *sardeum* controlled by genetics and (or) climate.

***Lygaeosoma sibiricum* Seidenstücker, 1962**

Lygaeosoma sibiricum Seidenstücker, 1962: 152. HT: ♂ (subbrach.), RU (ES), Irkutsk; ZMAS.

Lygaeosoma sibiricum f. *rufa* Seidenstücker, 1962: 156 (unavailable name). HT: ♀ (subbrach.), AK, "Karaganda Prov." [now in Dzhezkazgan Prov.], 40 km S of Zhana-Arka; ZMAS.

Distr. EU: BU CZ EK RU (CT ST) UK. **AS:** AK AT CH (NO NW WP) IN MG RU (ES WS) TM.

Ref.: Vinokurov, 1979; Winkler, 1979 (former USSR); Zheng & Zou, 1981a.

***Lygaeosoma yunnanense* Zou & Zheng, 1981**

Lygaeosoma yunnanensis Zou & Zheng, 1981a: 292, 294. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menghun; IZAS.

Distr. AS: CH (SW).

Ref.: Zheng & Zou, 1981a.

Genus *Lygaeus* Fabricius, 1794

Lygaeus Fabricius, 1794: 133. Type species by subsequent designation (Curtis, 1833a: pl. 481): *Cimex equestris* Linnaeus, 1758.

Lyginus Rafinesque, 1815: 119. Unnecessary new name for *Lygaeus* Fabricius, 1794.

Graptolomus Stål, 1868: 73, 75 (as subgenus of *Lygaeus*; syn. Reuter, 1885b: 201). Type

- species by subsequent designation (China, 1943: 236): *Lygaeus turcicus* Fabricius, 1803, N America.
- Eulygaeus* Reuter, 1888a: 180. Type species by subsequent designation (Van Duzee, 1917: 150): *Cimex equestris* Linnaeus, 1758.
- Ref.: Péricart, 1999a (monogr.); Stål, 1868; Winkler & Kerzhner, 1977 (former USSR, rev.).
- Lygaeus buettikeri* Hamid & Hamid, 1985**
Lygaeus buettikeri Hamid & Hamid, 1985: 133. HT: ♀, SA, Al Alayyah; NHMB.
 Distr. AS: SA.
- Lygaeus creticus* Lucas, 1854**
Lygaeus creticus Lucas, 1854: 280. HT (see Pluot-Sigwalt & Matocq, 2000: 47): ♀, GR, Crete, Mt Ida; MNHN.
Lygaeus bisbipunctatus A. Costa, 1864: 106 (syn. Puton, 1875a: 19). HT: IT, Piemonte; lost.
Lygaeus sexmaculatus Garbiglietti, 1869: 112 (syn. Puton, 1885: 137). ST(S): IT, Sardinia; MIZT?
 Distr. EU: BH CR GR IT MA YU. NA: LB. AS: AF AT CY IN IS JO SA? SY.
 Ref.: Winkler & Kerzhner, 1977.
 Note: The record from TM (Péricart, 1999a) is erroneous.
- [*Lygaeus dives dives* Distant, 1918
Lygaeus dives Distant, 1918a: 174, ST(S): Uganda, Mutanda; BMNH.
 Distr.: Ruanda, Uganda.]
- Lygaeus dives ocellaris* Linnavuori, 1978**
Lygaeus dives ocellaris Linnavuori, 1978: 46. HT: ♂, YE, south, nr Dhala; NMWC.
 Distr. AS: YE.
- Lygaeus dohertyi* Distant, 1903**
Lygaeus dohertyi Distant, 1903a: 7. LT (Kerzhner, 1982: 210): ♀, Burma, Karen Hills; BMNH.
 Distr. AS: CH (SW: Sichuan, Yunnan). EL: Burma.
 Ref.: Zheng & Zou, 1981a.
- Lygaeus equestris* (Linnaeus, 1758)**
Cimex equestris Linnaeus, 1758: 447. LT (Péricart, 1999d: 80): ♀!, SV; LSUK.
Cimex speciosus Poda, 1761: 59 (syn. Fabricius, 1775: 718). ST(S): AU, Graecium [= Graz]; lost.
Cimex hyosciami (non Linnaeus, 1758): Sulzer, 1761: 75. Misidentification (see. Reuter, 1888a: 180).
 ST(S)?
Cimex punctumalbum Pollich, 1781: 264 (syn. Reuter, 1888a: 180). ST(S): GE, Weilburg; lost.
Lygaeus equestris var. *lactans* Horváth, 1899b: 283. LT (Péricart, 1996a: 154): ♀, AG, "Philippeville" [= Skikda]; HNHM.
 ?*Spilostethus equestris sicilianus* Wagner, 1954b: 101 (syn. Tamanini, 1981: 84, suspected). HT: ♂, IT, Sicily, Mt Etna; ZMUH.
 Distr. EU: AL AN! AU BE BH BU CR CZ DE EK ET FI FR GB (vagrant) GE GR HU 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 LB EG. AS: AB AF AK AR AT CH (CE NE NO NW SW WP) CY GG IN IQ IS JA JO KI KO LE MG RU (ES FE WS) SY TD TM UZ. EL: India (northwest), Pakistan
 Ref.: Deckert, 1985; B. Lis, 1998 (larva).

Note: The record from TA (Deckert, 1985) was based on mislabelling (Gusev & Tatarnikov, 1991: 404).

***Lygaeus flavescens* Winkler & Kerzhner, 1977**

Lygaeus vicarius flavescens Winkler & Kerzhner, 1977: 260 (upgraded by Kerzhner, 1982: 212). HT: ♂, CH (SW), Sichuan, nr Ba-tang; ZMAS.

Distr. AS: CH (SW WP).

Ref.: Kerzhner, 1982 (*teraphoides* group); Zheng & Zou, 1981b (notes), 1992 (notes).

***Lygaeus formosanus* Shiraki, 1913**

Lygaeus farmosanus [sic] Shiraki, 1913: 107. ST(S): TA.

Distr. AS: TA.

Note: The species name was printed as *farmosanus* in the text of Shiraki's paper, and as *formosanus* in its illustration (plate 5). The latter spelling is selected here as the correct one.

***Lygaeus hansenii* Jakovlev, 1883**

Lygaeus hansenii Jakovlev, 1883a: 15. LT (Winkler & Kerzhner, 1977: 263): ♂, RU (ES), Irkutsk; ZMAS.

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

Ref.: Zheng & Zou, 1981a.

***Lygaeus melanostolus* (Kiritshenko, 1931)**

Spilostethus melanostolus Kiritshenko, 1931a: 101. LT (Winkler & Kerzhner, 1977: 267): ♀, TD, "Vakhia", Altyn-Mazar on the river Muksu; ZMAS.

Spilostethus melanostolus var. *alaicus* Kiritshenko, 1931a: 102 (upgraded to ssp. by Kiritshenko, 1952a: 171; syn. Winkler & Kerzhner, 1977: 265). LT (Winkler & Kerzhner, 1977: 267): ♂, KI, Sary-Tash; ZMAS.

Distr. AS: CH (NO WP) IN KI MG TD. EL: North India?

Ref.: Kiritshenko, 1952a; Zheng & Zou, 1981b.

***Lygaeus murinus* (Kiritshenko, 1914)**

Spilostethus equestris var. *murinus* Kiritshenko, 1914a: 405 (upgraded to subspecies by Kiritshenko, 1931a: 85, and to sp. by Winkler & Kerzhner, 1977: 265). LT (Winkler & Kerzhner, 1977: 265): ♂, UZ, Termez; ZMAS.

Distr. EU: EK RU (ST). AS: AK CH (NW) MG TD TM UZ.

Ref.: Péricart, 1999a; Winkler & Kerzhner, 1977 (*Lygaeus*); Zheng & Zou, 1981a.

Note: According to Winkler & Kerzhner (1977), records of this species from tropical Africa and Turkey may be based on confusions with *L. equestris*.

***Lygaeus oreophilus* (Kiritshenko, 1931)**

Spilostethus oreophilus Kiritshenko, 1931b: 370. HT: ♂, CH (WP), Xizang, Yatung [= Yadong]; BMNH.

Spilostethus potanini Kiritshenko, 1931b: 371; Lindberg, 1934a: 21 (syn. Winkler & Kerzhner, 1977: 256). LT (Winkler & Kerzhner, 1977: 256): ♂, CH (SW), Sichuan, "Tatszinlu" [= Kangding]; ZMAS.

Distr. AS: CH (NO SW WP).

Ref.: Zheng & Zou, 1981a, 1981b.

?*Lygaeus quadratomaculatus* Kirby, 1891

Lygaeus quadratomaculatus Kirby, 1891: 98. LT (Péricart, 1999d: 84): ♂, "Ceylon" [= Sri Lanka], Pundaloya; BMNH.

Distr. AS: CH (SE). EL: Sri Lanka.

Ref.: Distant, 1901a (*Graptostethus*), 1903a; Lethierry & Séverin, 1894 (*incertae sedis*); Zheng & Zou, 1981a.

Note: J.A. Slater (1964a), following Distant, quoted this species in the genus *Graptostethus*; its transfer to *Lygaeus* by Zheng & Zou (1981a) is not indicated by J.A. Slater & O'Donnell (1995).

***Lygaeus simulans* Deckert, 1985**

Lygaeus simulans Deckert, 1985: 277. HT: ♂, GE, Thüringen, Kyffhäuser; ZMHB.

Distr. EU: AU BU CZ EK FR GB (vagrant) GE HU IT MC MD PL RO RU (CT ST) SK SP SZ UK YU. AS: AB AF AK AR AT CH (NO NW WP) CY GG IN KI MG RU (WS) TA TD TM UZ.

Ref.: Gusev & Tatarnikov, 1991; B. Lis, 1998 (larva); Melber et al., 1991 (larva).

Note: The distribution of *L. simulans* is not yet well-known, due to confusion with *L. equestris* in literature before 1985. The record from TA (Deckert, 1985) is based on mislabelling.

***Lygaeus sjostedti* (Lindberg, 1934)**

Spilostethus sjostedti Lindberg, 1934b: 7. HT: RU (FE), nr Vladivostok, Tigrovajya, Sitz; NHRS.

Distr. AS: CH (NE) KO RU (FE).

Ref.: Josifov & Kerzhner, 1978; Stichel, 1959 (*Lygaeus*).

***Lygaeus teraphoides* Jakovlev, 1890**

Lygaeus teraphoides Jakovlev, 1890: 552. LT (Winkler & Kerzhner, 1977: 258): ♂, CH (SW), N Sichuan, "Kheykho" [= Baishuijsng River]; ZMAS.

Distr. AS: CH (SW).

Ref.: Kerzhner, 1982 (*teraphoides* group); J.A. Slater, 1964a (*Spilostethus*); Winkler & Kerzhner, 1977 (*Lygaeus*).

***Lygaeus vicarius* Winkler & Kerzhner, 1977**

Lygaeus vicarius Winkler & Kerzhner, 1977: 258. HT: ♂, CH (SW), S Sichuan, "Tatszinlu" [= Kangding]; ZMAS.

Distr. AS: CH (SW WP).

Ref.: Kerzhner, 1982 (*teraphoides* group); Zheng & Zou, 1981a.

Note: Described as a group of two subspecies, *vicarius vicarius* and *vicarius flavescens*, the second upgraded later to species rank (see *flavescens*).

***Lygaeus wangi* Zheng & Zou, 1992**

Lygaeus wangi Zheng & Zou, 1992: 151, 162. HT: ♂, CH (SW), Yunnan, Deqen, 3700-4000 m; IZAS.

Distr. AS: CH (SW).

Genus *Melanocoryphus* Stål, 1872

Melanocoryphus Stål, 1872: 41 (as subgenus of *Lygaeus*; upgraded by Stål, 1874a: 111).

Type species by subsequent designation (Oshanin, 1912: 27): *Cimex apuanus* Rossi, 1794 (= *Cimex albomaculatus* Goeze, 1778).

Ref.: Horváth, 1916a (rev.); Josifov, 1965a (rev.); Péricart, 1999a (monogr.).

***Melanocoryphus albomaculatus* (Goeze, 1778)**

Cimex albomaculatus Goeze, 1778: 264. For *Cimex* No. 15 in Geoffroy, 1762: 443. ST(S): FR, nr Paris; lost.

?*Cimex nigrostriatus* Goeze, 1778: 279 (syn. Reuter, 1888a: 183). For *Cimex* sp. in Schaeffer, 1768: pl. 119, fig. 3. ST(S): GE, Ratisbona [= Regensburg]; lost.

Cimex vilburgensis Pollich, 1781: 271 (syn. Reuter, 1888a: 183). ST(S): GE, Weilburg; lost.

Cimex nobilis Geoffroy in Fourcroy, 1785: 199. Objective synonym of *Cimex albomaculatus* Goeze, 1778.

Cimex maculosus Gmelin, 1790: 2184. Objective synonym of *Cimex albomaculatus* Goeze, 1778.
 ?*Cimex stollatus* Gmelin, 1790: 2184. Objective synonym of *Cimex nigrostriatus* Goeze, 1778.
Cimex apuanus Rossi, 1794: 54 (syn. Fieber, 1861a: 165, with *punctum*). ST(S): IT, Macra [= Magra River]; lost.
Lygaeus punctum Fabricius, 1794: 157 (syn. Reuter, 1885b: 202). STS: FR; MNHN, ZMUC.
Cimex boscii Turton, 1802: 661 (junior primary homonym of *Cimex boscii* Fabricius, 1798). New name for *punctum* Fabricius, 1794 because of secondary homonymy with *Cimex punctum* Fabricius, 1787.
Lygaeus ventralis Kolenati, 1845: 75 (syn. Dallas, 1852: 545). LT (designated here): ♀, AB, Karabakh; NHMW.
Lygaeus apuans Fieber, 1861a: 165. Incorrect subsequent spelling of *apuianus*.
Melanocoryphus albomaculatus var. *subfasciatus* Wagner, 1950a: 146. HT: ♀, MO, "Spanisch Marocco", Y Lechchab, 2000 m; MZBS.
 Distr. EU: AL AU BE BH BU CR CZ ET FR GE GR HU IT LS MC NL PL? PO RO RU (ST) SK SL SP SZ UK YU. NA: AG LB MO TU. AS: AB AK AR AT GG IN IQ KI TD TM UZ.

***Melanocoryphus exutus* Horváth, 1916**

Melanocoryphus tristrami var. *exutus* Horváth, 1916a: 462 (upgraded by Josifov, 1965a: 316). LT (Péricart, 1996a: 157): ♂, IS, Jerusalem; HNHM.
 Distr. AS: IS.

?*Melanocoryphus japonicus* (Walker, 1872)

Lygaeus japonicus Walker, 1872: 58. HT: ♀, JA; lost (Distant, 1901a: 541).
 Distr. AS: JA?
 Ref.: Lethierry & Séverin, 1894 (incertae sedis); Oshanin, 1906 (*Lygaeus* (*Melanocoryphus*), incertae sedis).

***Melanocoryphus kerzhneri* Josifov, 1965**

Melanocoryphus kerzhneri Josifov, 1965b: 383. HT: ♂, CH (WP), Sogon-Gomba, "Fl. I-Tschu, Upper Yangtse basin" [= Qinghai, Sogon-Gombo, river I-Tshu]; ZMAS.
 Distr. AS: CH (WP: Qinghai, Xizang).
 Ref.: Zheng & Zou, 1981a, 1981b.

***Melanocoryphus parvipennis* Horváth, 1916**

Melanocoryphus tristrami var. *parvipennis* Horváth, 1916a: 462 (upgraded by Josifov, 1965a: 314). LT (Josifov, 1965a: 315; Péricart, 1996a: 157): ♀ (brach.), IS, Nazareth; HNHM.
 Distr. AS: IS LE.

***Melanocoryphus tristrami* (Douglas & Scott, 1868)**

Lygaeus punctum (non Fabricius, 1794): Kolenati, 1845: 76. Misidentification (see Puton, 1876: 290).
Lygaeosoma tristrami Douglas & Scott, 1868a: 28, 31. HT: IS, road Nablous-Nazareth; BMNH?
Lygaeus (*Melanocoryphus*) *affinis* Jakovlev, 1876b: 257 (syn. Puton, 1876: 290). LT (Péricart, 1998b: 123): ♀, RU (ST), nr Petrovsk [= Makhachkala]; ZMAS.
Lygaeus (*Melanocoryphus*) *tristami* [sic]: Reuter, 1885b: 202 (lapsus).
 Distr. EU: BH BU CR ET GR HU MC MD RO RU (ST) UK YU. NA: EG. AS: AB AR AT CY GG IN IQ IS JO KI TD UZ.
 Note: The record from RU (CT: Kuybyshev) in Péricart (1999a) refers to Kuybyshevsk in

TD.

Genus *Melanotelus* Reuter, 1885

Melanotelus Reuter, 1885b: 202 (syn. Bergroth, 1918: 55, with *Lygaeosoma*; restored by Scudder, 1968a: 156). Type species by subsequent designation (Distant, 1903a: 12):

Melanotelus argillaceus Reuter, 1885, Oriental Region.

Ref.: Chopra & Rustagi, 1982 (valid genus); Hamid & Meher, 1976 (Pakistan); Péricart, 1999a (monogr.); J.A. Slater & Sperry, 1973 (valid genus).

Melanotelus bipunctatus (Dallas, 1852)

Lygaeus bipunctatus Dallas, 1852: 547. LT (Péricart, 1999d: 79): ♂, E India; BMNH.

Rhyparochromus rubiginosus Walker, 1872: 110 (type specimen, not description; see Distant, 1901b: 464; J.A. Slater, 1964a: 66). HT: ♀, Australia, Victoria; BMNH.

Distr. AS: CH (SW); EL: Oriental Region; Australia.

Ref.: Distant, 1918b (*Melanotelus*); Scudder, 1968a (*Melanotelus*); J. A. Slater, 1964a (*Lygaeosoma*); Stål, 1868 (*Lygaeosoma*); Zheng & Zou, 1981a (*Lygaeosoma*).

Melanotelus villosulus (Stål, 1855)

Lygaeus villosulus Stål, 1855a: 32. HT (see Péricart, 1997a: 70): ♂, South Africa, "Natal"; NHRS.

Distr. EU: GR? NA: AG EG LB MO TU. AS: IS SA YE. EL: India, Pakistan, tropical and S Africa.

Ref.: Chopra & Rustagi, 1982; Péricart, 1999a (monogr.); J.A. Slater & Sperry, 1973 (*Melanotelus*).

Genus *Oncopeltus* Stål, 1868

Oncopeltus Stål, 1868: 70 (as subgenus of *Lygaeus*; upgraded by Stål, 1872: 40). Type species by subsequent designation (Distant, 1903a: 4): *Cimex famelicus* Fabricius, 1781.

Transvaalia Distant, 1892: 253 (syn. Distant, 1903a: 4). Type species by monotypy:

Transvaalia lugens Distant, 1892 (= *Lygaeus jucundus* Dallas, 1852).

[*Oncopeltus famelicus famelicus* (Fabricius, 1781)]

Cimex famelicus Fabricius, 1781: 365. ST(S): South Africa ("Promontorio Bonae Spei"); BMNH (1 ST).

Cimex aulicus var. *crocatus* Thunberg, 1784: 55 (syn. Dohrn, 1859: 32). ST(S): South Africa, Cape of Good Hope.

Transvaalia flavescens Distant, 1892: 285 (syn. J. A. Slater, 1964b: 43). ST(S): South Africa, Transvaal; BMNH.

Distr.: tropical Africa.]

Oncopeltus famelicus jucundus (Dallas, 1852)

Lygaeus jucundus Dallas, 1852: 537 (downgraded by Marshall, 1902: 517; J.A. Slater, 1964b: 43). STS: South Africa; lost.

Transvaalia lugens Distant, 1892: 253 (syn. Distant, 1901a: 534). ST(S): South Africa, Transvaal; lost.

Distr. AS: YE. EL: South and East Africa.

Ref.: Linnavuori & Van Harten, 1997; Marshall, 1902 (mimicry); Miller, 1971 (biol.).

Oncopeltus nigriceps nigriceps (Dallas, 1852)

Lygaeus nigriceps Dallas, 1852: 537. ST(S): ♀, India; lost?

Distr. AS: CH (SE SW) JA (Ryukyus). EL: India.

Extralimital subspecies: *Oncopeltus nigriceps pseudorubricatus* J. A. Slater, 1964, Oriental Region.

Ref.: Lethierry & Séverin, 1894 (*Oncopeltus*); Zheng & Zou, 1981a.

***Oncopeltus quadriguttatus* (Fabricius, 1775)**

Cimex quadriguttatus Fabricius, 1775: 720. ST(S): Australia; lost?

Lygaeus castaneipes Dallas, 1852: 536 (syn. A. Slater, 1985: 433). ST(S) [probably HT]: ♀, Australia, "N. Holland"; BMNH.

Lygaeus innotatus Dallas, 1852: 537 (syn. Distant, 1901a: 534, with *castaneipes*). ST(S): Australia (northwest coast); BMNH?

Lygaeus contiguus Walker, 1872: 62 (syn. Distant, 1901a: 534). HT: ♂, Australia, Queensland, Moreton Bay; BMNH? (see note).

Oncopeltus consors Distant, 1918a: 418 (syn. A. Slater, 1985: 433). LT (A. Slater, 1978: 856): ♀, Australia, Queensland; BMNH.

Distr. AS: CH (WP) TA. EL: Australia.

Ref.: Hargreaves, 1948 (cotton pest); Zheng & Zou, 1981a.

Note: The type of this taxon was not clearly recognized.

Genus *Paranysius* Horváth, 1895

Paranysius Horváth, 1895a: 156. Type species by monotypy: *Paranysius fraterculus* Horváth, 1895.

Xerophagius Kiritshenko, 1948: 257; 1952b: 127; 1964: 143 (syn. Hoberlandt, 1967: 9). Nomen nudum.

Ref.: China, 1935 (notes); Hoberlandt, 1967 (rev.); Kerzhner, 1979b (rev.); Péricart, 1999a (monogr.); Popov, 1970 (rev.).

***Paranysius australis* Linnavuori, 1978**

Paranysius australis Linnavuori, 1978: 51. HT: ♂, Sudan, North Prov., Shendi; AMNH.

Distr. EU: IT (Pantelleria Is.). NA: TU. AS: YE. EL: Sudan, Somalia.

***Paranysius fallaciosus fallaciosus* (Puton, 1895)**

Arocatus fallaciosus Puton, 1895: 85. LT (Péricart, 1996b: 106): ♂, YE, Aden; MNHN.

Distr. AS: SA YE.

Extralimital subspecies: *Paranysius fallaciosus sudanensis* China, 1935, Sudan.

Ref.: China, 1935: 467 (*Paranysius*); Hoberlandt, 1967 (notes); Péricart, 1999a (notes on the different ssp.).

***Paranysius fallaciosus israelensis* Hoberlandt, 1952**

Paranysius fallaciosus israelensis Hoberlandt, 1952: 18. HT: ♂, IS, Wadi el Kelt, nr Jericho; NMPC.

Distr. AS: IN IS JO.

***Paranysius fallaciosus libycus* Mancini, 1935**

Paranysius fallaciosus libycus Mancini, 1935a: 79. LT (Péricart, 1998a: 277): ♀, LB, Fezzan: Ubari; MCSN.

Distr. NA: AG LB MO TU.

***Paranysius fallaciosus priesneri* China, 1935**

Paranysius fallaciosus priesneri China, 1935: 468. HT: ♀, EG, Libyan desert, Dakhla Oasis; BMNH.

Distr. NA: EG.

***Paranysius fraterculus fraterculus* Horváth, 1895**

Arocatus oxianus Oshanin, 1891: 34 (syn. Kiritshenko, 1914a: 406). Nomen nudum.

Paranysius fraterculus Horváth, 1895a: 157. HT: ♂, AR, "Mons Alagoes"; HNHN.

Arocatus aurora Kiritshenko, 1914a: 406 (syn. Hoberlandt, 1967: 13, 17). LT

(Kerzhner, 1979b: 42): ♂, UZ, "Buchara mer.", Termez; ZMAS.

Paranysius kasachstanicus Popov, 1970: 55 (syn. Kerzhner, 1979b: 42). HT: ♂, AK, Dzhezkazgan Prov., Koksengir Hills, 40 km S of Zhana Arka; ZMAS.
Distr. EU: EK RU (ST). AS: AF AK AR AT CH (NW) IN IS KI MG RU (ES) SY TD TM UZ.

***Paranysius fraterculus nigrimontanus* Popov, 1970**

Paranysius nigrimontanus Popov, 1970: 53 (downgraded by Kerzhner, 1979b: 43). HT: ♂, KI, Tien Shan, "Alyudyuryum" [= Myudyuryum] River, nr Kokshaal-Tau ridge; ZMAS.
Distr. AS: KI.

***Paranysius oshanini* (Kiritshenko, 1914)**

Arocatus oshanini Kiritshenko, 1914a: 407. LT (Péricart, 1998b: 128): ♂, UZ, "Bukhara mer., Schirabad"; ZMAS.
Distr. AS: CH (NO) IN MG TD UZ.
Ref.: Hoberlandt, 1967 (*Paranysius*); Kiritshenko, 1952b (*Xerophagius*).

***Paranysius perplexus* (Puton, 1898)**

Nysius perplexus Puton, 1898: 166. LT (Péricart, 1996b: 107): ♀, AG, Biskra; MNHN.
Distr. NA: AG TU.
Ref.: Wagner, 1958a (*Paranysius*).

Genus *Psileula* Seidenstücker, 1964

Psileula Seidenstücker, 1964a: 204. Type species by monotypy: *Psileula mimica* Seidenstücker, 1964.
Ref.: Péricart, 1999a (monogr.).

***Psileula mimica* Seidenstücker, 1964**

Psileula mimica Seidenstücker, 1964a: 204. HT: ♂, TD, Novoabad nr Dushanbe; ZMAS.
Distr. AS: AR IN TD TM UZ.

Genus *Spilostethus* Stål, 1868

Spilostethus Stål, 1868: 72, 75 (as subgenus of *Lygaeus*; upgraded by Reuter, 1912b: 19).
Type species by subsequent designation (J.A. Slater, 1964a: 193): *Cimex militaris* Fabricius, 1775 (= *Cimex pandurus* Scopoli, 1763).
Lygaeodon Puton, 1869a: 139 (syn. Stål, 1874a: 105). Type species by monotypy: *Lygaeodon marmottani* Puton, 1869 (= *Lygaeus longulus* Dallas, 1852).
Ref.: Péricart, 1999a (monogr.).

***Spilostethus furcula* (Herrich-Schaeffer, 1850)**

Lygaeus festivus Thunberg, 1822a: 3 (junior primary homonym of *Lygaeus festivus* Fabricius, 1803, a species of Pyrrhocoridae; syn. Stål, 1865: 135). ST(S): South Africa, Cape of Good Hope (in error); UZIU?
Lygaeus furcula Herrich-Schaeffer, 1850: 197. ST(S): locality not given; lost.
Lygaeus spinipes Signoret, 1861: 946 (junior primary homonym of *Lygaeus spinipes* Palisot de Beauvois, 1805; syn. Stål, 1865: 135). ST(S): Madagascar; lost?
Lygaeus saundersi Mulsant & Rey, 1872a: 126 (syn. Puton, 1888: 109). STS: ♂, ♀, SP, Malaga; lost.
Lygaeus planitiae Distant, 1892: 252 (syn. Bergroth, 1893a: ccxxv). STS: South Africa, Transvaal; lost?
Distr. EU: SP. NA: AG MO. AS: IS SA YE. EL: tropical Africa, Madagascar, South Africa.
Ref.: J.A. Slater, 1964a (*furculus*).
Note: Many authors, including Stichel (1957), used the name *festivus* Thunberg for this

species. The word *furcula* is a noun and should not be changed to "*furculus*"

***Spilostethus hospes hospes* (Fabricius, 1794)**

Lygaeus hospes Fabricius, 1794: 150. HT: ♂, S India, "Tranquebariae"; ZMUC.

Lygaeus affinis Wolff, 1802: 110 (syn. Stål, 1865: 136). ST(S): India; lost.

Lygaeus pacificus Boissduval, 1835: 639 (syn. Barber, 1958: 178). ST(S): "Port Western, Pacific"; lost?

Lygaeus lanio Herrich-Schaeffer, 1843: 21 (syn. Dallas, 1852: 544). ST(S): Indonesia (Java); lost.

Lygaeus squalidus Montrouzier in Montrouzier & Signoret, 1861: 66 (syn. Stål, 1865: 136). ST(S): New Caledonia, Lifu.

Distr. AS: CH (SE WP) IN JA KO TA. **EL:** Australia, New Zealand, Oriental Region, Pacific Region, Pakistan.

Extralimital subspecies: *Spilostethus hospes celebensis* Breddin, 1901, Sulawesi.

Ref.: Hoffman, 1932 (biol.); Ren, 1992 (egg).

***Spilostethus longulus* (Dallas, 1852)**

Lygaeus longulus Dallas, 1852: 545. LT (Péricart, 1997a: 63): ♂, EG; BMNH.

Lygaeodon marmottani Puton, 1869a: 139 (syn. Puton, 1875a: 19). STS: AG, Oued Biskra; not found.

Lygaeus concinnus (non Dallas, 1852): Ferrari, 1884: 462. Misidentification (see Reuter, 1885b: 201).

Distr. NA: AG EG LB MO TU. **AS:** AF IN IS JO KU SA SI YE. **EL:** India, tropical Africa.

***Spilostethus mimus* (Stål, 1865)**

Lygaeus mimus Stål, 1865: 136. STS: ♂, ♀, Upper Nubia and Senegal; lost?

Distr. AS: YE. **EL:** main part of tropical Africa.

Ref.: J.A. Slater, 1964a (*Spilostethus*); Stål, 1868 (subgenus *Spilostethus*).

***Spilostethus pandurus* (Scopoli, 1763)**

Cimex pandurus Scopoli, 1763: 126. ST(S): SL ("Carniolia"); lost.

Cimex militaris Fabricius, 1775: 717 (syn. Illiger in Rossi, 1807: 381). HT: ♂, "Orient"; ZMUC.

Cimex civilis Fabricius, 1787: 298 (syn. Latreille, 1804: 213, with *militaris*). STS: India; ZMUC.

Lygaeus civilis var. *surinamensis* Wolff, 1802: 111. ST(S): Surinam (in error); lost.

?*Lygaeus elegans* Wolff, 1802: 112 (syn. Noualhier, 1893: 9, with *militaris*). ST(S): India; lost.

Lygaeus lagenifer Dufour, 1833: 45 (syn. Dallas, 1852: 541, with *militaris*). HT: FR, St Sever; lost?

?*Lygaeus asiaticus* Kolenati, 1845: 72 (syn. Fieber, 1861a: 166, with *militaris*). LT (designated here): ♂, RU (ST); NHMW.

?*Lygaeus pandurus* var. *tetricus* Horváth, 1909a: 291. HT: ♂, CI, La Palma; HNHM.

Distr. EU: AL AN! AU BH BU CR CZ ET FR GR HU IT MA MC MD PO RO RU (ST) SP SK SL SZ UK YU. **NA:** AG CI EG LB MO MR TU. **AS:** AB AF AR AT CH (SE SW WP) CY GG IN IQ IS JO KU TM SA SI SY UZ YE. **EL:** Afrotropical Region, Australia, Oriental Region (India, Philippines).

Ref.: Péricart, 1999a; J.A. Slater, 1964a (*Spilostethus*); Zheng & Zou, 1981a.

Note: A considerable literature has been written on the systematics of this species, splitting it in half a dozen subspecies based on dorsal coloration. Recognition and definition of subspecies in such a variable taxon with a very large, mainly palaeotropical, area is excluded in absence of any study of population genetics.

[*Spilostethus rivularis rivularis* (Germar, 1838)

Lygaeus rivularis Germar, 1838: 141. ST(S): South Africa, Cape of Good Hope; ZMUL.

Lygaeus fecialis Stål, 1855a: 32 (syn. Stål, 1865: 132). ST(S): South Africa, Natal; NHRS.

Distr.: tropical Africa.

Extralimital subspecies: *Spilostethus rivularis meleagros* Linnavuori, 1974, Sudan.]

***Spilostethus rivularis epimetheus* Linnavuori, 1974**

Spilostethus rivularis epimetheus Linnavuori, 1974a: 23. HT: ♂, South-east Sudan, Mts Imatong, nr Gilo; AMNH.

Distr. AS: SA YE. EL: Sudan, Ethiopia.

***Spilostethus rubriceps* (Horváth, 1899)**

Lygaeus rubriceps Horváth, 1899b: 282. LT (Péricart, 1996a: 156): ♀, "Turkestan"; HNHM.

Distr. EU: RU (ST). AS: AF AK IQ IN KI TD TM UZ.

Ref.: J.A. Slater, 1964a (*Spilostethus*).

***Spilostethus saxatilis* (Scopoli, 1763)**

Cimex saxatilis Scopoli, 1763: 128. STS: SL, "Carniolia"; lost.

Cimex tessellatus Goeze, 1778: 265 (syn. Reuter, 1888a: 182). For *Cimex* No. 16 in Geoffroy, 1762: 443. STS: FR, nr Paris and Champagne; lost.

Lygaeus lusitanicus Herrich-Schaeffer, 1850: 197 (syn. Baerensprung, 1860: 8). ST(S): PO; lost.

Lygaeus saxatilis var. *montivagus* Horváth, 1899b: 281. LT (Péricart, 1996a: 157): ♀, Kashmir; HNHM.

Spilostethus (*Lygaeus*) *saxatilis* f. *juncta* Priesner, 1927: 57. STS: AU, Oberösterreich; OLML.

Spilostethus (*Lygaeus*) *saxatilis* f. *rupta* Priesner, 1927: 57. ST(S): AU, Oberösterreich (Pulgarn, Kirchschorf, Ennstal); OLML.

Spilostethus saxatilis f. *montana* Tamanini, 1961: 110 (unavailable name). STS: IT, Trentino (Serrada) and Veneto; MCRI.

Spilostethus saxatilis f. *citrina* Tamanini, 1961: 111 (unavailable name). STS: IT, Trentino, Rovereto; MCRI.

Distr. EU: AL AN! 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 CI EG LB MO TU. AS: AB AF AR AT CY GG IN IQ IS JO SY TM UZ. EL: India?, Kashmir.

Ref.: Reuter, 1885b.

Genus *Stenaptula* Seidenstücker, 1964

Stenaptula Seidenstücker, 1964a (Jan.): 204. Type species by original designation: *Apterola angusticollis* Lindberg, 1939.

Apteroloides J. A. Slater, 1964b: 60 (syn. J. A. Slater, 1967: 245). Type species by original designation: *Aspilocoryphus signatus* Distant, 1918, India.

Ref.: Péricart, 1999a (monogr.).

***Stenaptula angusticollis* (Lindberg, 1939)**

Apterola angusticollis Lindberg, 1939: 13. HT: ♂ (brach.), EG, Heluan; Ministry of Agriculture, Cairo, EG.

Distr. NA: EG. AS: SA YE. EL: Somalia, South Africa, Sudan.

Genus *Thunbergia* Horváth, 1914

Thunbergia Horváth, 1914: 633 (as subgenus of *Caenocoris*; upgraded by A. Slater, 1978: 854). Type species by monotypy: *Alydus marginatus* Thunberg, 1822.

Ref.: J.A. Slater, 1957 (*Thunbergia*, syn. of *Melanostethus*), 1964a (syn. cancelled, subg. of *Caenocoris*).

***Thunbergia marginata* (Thunberg, 1822)**

Alydus marginatus Thunberg, 1822b: 3. ST(S): South Africa, Cape of Good Hope (in error); UZIU?

Serinetha sinae Stål, 1855b: 185 (syn. Stål, 1866b: 163). LT (Péricart, 1999d: 84): ♀, CH; NHRS.

Caenocoris dudgeoni Kirkaldy, 1903a: 17 (syn. Distant, 1903a: 16). STS: ♂, ♀, India, Kangra Valley.

Distr. AS: CH (SE SW WP) JA TA. EL: Sri Lanka, India.

Ref.: Distant, 1903a; Zheng & Zou, 1981a (*Caenocoris*).

Note: According to Tomokuni (pers. communication) *Lygaeus koshunensis* Matsumura, 1913: 149 indicated as synonym of *T. marginata* by Esaki (1926: 159) is a Rhopalid species: *Leptocoris augur* Fabricius.

***Thunbergia sanguinaria* (Stål, 1871)**

Caenocoris sanguinarius Stål, 1871: 660. LT (A. Slater, 1978: 857): ♀, Philippines; NHRS.

Distr. AS: CH (SE) JA (Ryukyus) TA. EL: Philippines.

Ref.: Kinjō & Hayashi, 1998 (*Caenocoris*); A. Slater, 1978 (*Thunbergia*).

Genus *Tropidothorax* Bergroth, 1894

Melanospilus Stål, 1868: 75 (as subgenus of *Lygaeus*; upgraded by Stål, 1872: 40; junior homonym of *Melanospilus* Westwood, 1845, Coleoptera). Type species by subsequent designation (Reuter, 1885b: 199): *Lygaeus venustus* Herrich-Schaeffer, 1835 (= *Cimex leucopterus* Goeze, 1778).

Tropidothorax Bergroth, 1894d: 547. New name for *Melanospilus* Stål, 1868.

***Tropidothorax autolycus* (Distant, 1903)**

Lygaeus (Tropidothorax) autolycus Distant, 1903a: 8. LT (Péricart, 1999d: 79): ♀, Burma, Karennee; BMNH.

Distr. AS: CH (SW). EL: Burma.

Ref.: Zheng & Zou, 1981a.

***Tropidothorax cruciger* (Motschulsky, 1860)**

Lygaeus cruciger Motschulsky, 1860: 502. LT (Kerzhner & Jansson, 1985: 39): RU (ES), Amur; lost.

Lygaeus venustus var. *marginatus* Jakovlev, 1876a: 110 (junior primary homonym of *Lygaeus marginatus* Thunberg, 1822; syn. Reuter, 1885b: 199, with *elegans*; Lee et al., 1994: 24, with *elegans*). HT: ♀, RU (FE), Ussuri; ZMAS.

Melanospilus elegans Distant, 1883: 428 (syn. Horváth, 1899c: 279; Lee et al., 1994: 24). LT (Péricart, 1999d: 80): JA, Niigata; BMNH.

Lygaeus jakowleffi Lethierry & Séverin, 1894: 143. New name for *marginatus* Jakovlev, 1876.

Distr. AS: CH (CE NE NO SE SW WP) JA KO RU (FE) TA.

Note: According to Zheng in Zheng & Zou (1981b) and Lee & Kwon (1991), *elegans* is a valid species, recorded from AS: CH (CE NO SE SW) JA KO TA.

***Tropidothorax fimbriatus* (Dallas, 1852)**

Lygaeus fimbriatus Dallas, 1852: 546. LT (Péricart, 1999d: 81): ♀, Indonesia, Java; BMNH.

Distr. AS: CH (CE). EL: Oriental Region.

Ref.: Distant, 1903b (*Tropidothorax*); Zheng & Zou, 1981a.

***Tropidothorax leucopterus* (Goeze, 1778)**

Cimex leucopterus Goeze, 1778: 264. For *Cimex* No. 13 in Geoffroy, 1762: 442. ST(S): FR, nr Paris; lost.

Cimex familiaris Fabricius, 1781: 363 (syn. Reuter, 1884b: 132). STS: EU; ZMUC.

Cimex stellifer Geoffroy in Fourcroy, 1785: 198. Objective synonym of *Cimex leucopterus* Goeze, 1778.

Cimex raii Turton, 1802: 685. Unnecessary new name for *leucopterus* Goeze, 1778.

Lygaeus venustus Herrich-Schaeffer, 1835a: 44, 78 (syn. Reuter, 1884b: 132). ST(S): SZ; lost.

Lygaeus familiaris var. *aurantiaca* Thierry-Mieg, 1913: 91. ST(S): FR; not found.

Lygaeus familiaris var. *flavina* Thierry-Mieg, 1913: 91. LT (Péricart, 1998c: 9): ♂, FR, Paris; MNHN.

Lygaeus leucopterus var. *incarnatus* Seabra, 1924: 15. ST(S): PO, Bragança; lost.

Distr. EU: AL AU BE BH BU CR CZ EK FR GE GR HU IT LS MC MD PL PO RO RU (CT ST) SK SL SP SZ UK YU. NA: AG EG. AS: AB AF AK AR AT GG IN IQ KI TD TM UZ.

***Tropidothorax sinensis* (Reuter, 1888)**

Lygaeus marginatus var. *sinensis* Reuter, 1888b: 64, 68 (upgraded by Lee et al., 1994: 25). LT (Péricart, 1999d: 82) ♀, CH, Beijing; MNHN.

Lygaeus belogolowi Jakovlev, 1889b: 327 (syn. Lee et al., 1994: 25). LT (Péricart, 1998b: 124): ♂, CH (NO), Tianjin; ZMAS.

Tropidothorax hansenii (non Jakovlev, 1883): Lee, 1971: 269, 519. Misidentification (see Lee et al., 1994: 25).

Distr. AS: CH (NO NW?) JA KO.

***Tropidothorax sternalis sternalis* (Dallas, 1852)**

Lygaeus sternalis Dallas, 1852: 546. LT (Péricart, 1997a: 64): ♂, W Africa; BMNH.

Lygaeus occipitalis Fairmaire in Fairmaire & Signoret, 1858: 305 (syn. Stål, 1865: 127). ST(S): tropical Africa.

Distr. EU: IT SP. AS: IS SA. EL: Pakistan; tropical Africa.

Ref.: Melber, 1988 (fig.); Stål, 1874a.

***Tropidothorax sternalis saudiensis* Hamid & Hamid, 1985**

Tropidothorax sternalis saudiensis Hamid & Hamid, 1985: 138. HT: ♂, SA, Wadi Uqdah; NHMB.

Distr. AS: SA YE.

***Tropidothorax wittmeri* Hamid & Hamid, 1985**

Tropidothorax wittmeri Hamid & Hamid, 1985: 138. HT: ♀, SA, W. Shukub/Turabah; NHMW.

Distr. AS: SA.

Subfamily ORSILLINAE Stål, 1872

ORSILLINAE Stål, 1872: 43 ("Orsillaria"). Type genus: *Orsillus* Dallas, 1852.

NYSIINA Uhler, 1876: 304 (as subfamily). Type genus: *Nysius* Dallas, 1852.

Extralimital tribes: Lepionysiini Ashlock, 1967, Australia; Metrargini Kirkaldy, 1902, Hawaii, Jamaica, Juan Fernandez.

Tribe NYSIINI Uhler, 1876

NYSIINI Uhler, 1876: 304 (as subfamily; syn. Van Duzee, 1916: 19, with Orsillini; restored by Ashlock, 1967: 48). Type genus: *Nysius* Dallas, 1852.

Genus *Nithecus* Horváth, 1890

Nithecus Horváth, 1890: 185, 187, 191. Type species by subsequent designation (Oshanin, 1912: 28): *Heterogaster jacobaeae* Schilling, 1829.

Ref.: Ashlock, 1967 (Orsillinae, class.); Péricart, 1999a (monogr.); V.G. Putshkov, 1958a (larvae); Wagner, 1958a (Pal. *Nysius*, rev.).

Nithecus horwathi (Jakovlev, 1889)

Nysius horwathi Jakovlev, 1889c: 57. HT: RU (ES), Irkutsk; ZMAS.

Distr. AS: RU (ES).

Ref.: Wagner, 1958a (*Nithecus*).

Nithecus jacobaeae (Schilling, 1829)

Heterogaster jacobaeae Schilling, 1829: 87. ST(S): PL, Silesia; lost.

Pachymerus fragariae Boheman, 1852a: 52 (syn. Baerensprung, 1858a: 80). LT (Péricart, 1998a: 277): ♂, SV, nr Stockholm; NHRS.

Distr. EU: AL AN AU BH BU BY CR CZ EN FI FR GE HU IT LA LS LT MC NR PL RO RU (CT NT) SK SL SP SV SZ UK YU. AS: AK MG RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.).

Genus *Nysius* Dallas, 1852

Nysius Dallas, 1852: 551. Type species by subsequent designation (Opinion 319, 1955): *Lygaeus thymi* Wolff, 1804.

Macroparius Stål, 1872: 43 (as subgenus of *Nysius*; syn. Schmitz & Péricart, 1993: 177). Type species: see note.

Hemidiptera Leon, 1890: 13 (syn. Horváth, 1910: 14). Type species by monotypy:

Hemidiptera haeckeli Leon, 1890, Sri Lanka.

Anorthus Horváth, 1890: 190 (as subgenus of *Nysius*; junior homonym of *Anorthus* Loew, 1850, Diptera). Type species by monotypy: *Nysius atlantidum* Horváth, 1890.

Anorthuna Strand, 1928: 46 (syn. Ashlock, 1967: 49). New name for *Anorthus* Horváth, 1890.

Brachynysius Usinger, 1942a: 44 (syn. Eyles, 1960: 71). Type species by monotypy:

Brachynysius convexus Usinger, 1942 (= *Nysius huttoni* White, 1878), New Zealand.

Tropinysius Wagner, 1958a: 15 (as subgenus of *Nysius*; syn. Ashlock, 1967: 49). Type species by original designation: *Heterogaster senecionis* Schilling, 1829.

Ref.: Ashlock, 1967 (Orsillinae, rev.); Horváth, 1890 (Pal. spp., rev.); Péricart, 1999a (monogr.); Schmitz & Péricart, 1993 (Pal. spp., class.); J.A. Slater, 1964a (World cat.); Stål, 1872; Wagner, 1958a (Pal. spp., rev.).

Note: Stål, 1872 created the subgenus *Macroparius* on the basis of *Nysius graminicola* sensu Stål, 1872 (non Kolenati, 1845!) (= *Nysius stalianus* Horváth, 1890; = *Nysius immunis* (Walker, 1872)). Subsequent authors (except Horváth), considered *Macroparius* as representative of the group of *N. graminicola*; then Wagner, 1958a created for the group of *immunis* his subgenus *Tropinysius*. Fixing a type species for *Macroparius*, now a synonym of *Nysius*, will put useless trouble. If a further reviser needs to return to this problem, she or he should have the opportunity to take action.

Nysius atlantidum Horváth, 1890

Nysius (Anorthus) atlantidum Horváth, 1890: 190. HT: ♀, AZ; MRAC.

Distr. NA: AZ.

Ref.: Schmitz & Péricart, 1993; Wagner, 1958a (subgenus *Anorthuna*).

Nysius caledoniae Distant, 1920

Nysius caledoniae Distant, 1920: 151. STS: New Caledonia, Central District and Gondé; BMNH.

Distr. AS: JA (Bonin Is). **EL:** Pacific Region, Philippines.

***Nysius ceylanicus* (Motschulsky, 1863)**

Heterogaster ceylanicus Motschulsky, 1863: 78. STS: Sri Lanka, "des montagnes de Nura-Ellia et Patannas, ainsi que des environs de Colombo". Type series partly in very bad condition and containing different species, no lectotype designated (Kerzhner & Jansson, 1985: 39); NHRS, ZMUM.

Nysius sundanus Breddin, 1901a: 18 (syn. Breddin, 1905: 121). Nomen nudum.

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

Ref.: Distant, 1903a; Stål, 1874a (*Nysius*).

***Nysius contiguus* Walker, 1872**

Nysius contiguus Walker, 1872: 69. LT (Péricart, 1999a: 229, as HT): ♂, MR; BMNH.

Nysius proximus Walker, 1872: 69 (syn. Horváth, 1899c: 278). LT (Péricart, 1998a: 278): ♂, MR; BMNH.

Heterogaster atriclava Walker, 1872: 73 (syn. Horváth, 1899c: 278). LT (Péricart, 1998a: 276): ♂, MR; BMNH.

Distr. NA: MR.

***Nysius cymoides* (Spinola, 1837)**

Artheneis cymoides Spinola, 1837: 252. HT: ♀, IT, Genova; lost!?

Nysius albidus Dallas, 1852: 555 (syn. Péricart, 1997b: 482). LT (Péricart, 1997b: 482 and 1998a: 276): ♂, tropical Africa, Sierra Leone; BMNH (see note).

Heterogaster exilis A. Costa, 1853: 17 (syn. Horváth, 1890: 191). STS: ♂, ♀, IT, nr Naples; lost.

Nysius fuliginosus Fieber, 1861a: 170 (syn. Horváth, 1890: 191); ST(S): GE.

Nysius thoracicus Horváth, 1882b: 143 (syn. Horváth, 1890: 191). HT: ♂, AB, Baku; HNHM.

Distr. EU: AN AU BU CR CZ? ET FR GB (Jersey) GE GR HU IT LS LU MA MC MD NL PL PO RO RU (ST) SK? SL SP SZ UK YU. **NA:** AG CI EG LB MO MR TU.

AS: AB AK AR AT CH? CY GG IN IQ IS JO KI SA SI TD TM UZ YE. **EL:** Cabo Verde Is., Mauritania, Sierra Leone, Sudan.

Note: *Nysius albidus* Dallas was previously synonymized by Schmitz (1976: 395, with doubt) with *Nysius ericae* and by Linnavuori (1989a: 16) with *N. senecionis*.

***Nysius ericae ericae* (Schilling, 1829)**

Heterogaster ericae Schilling, 1829: 86. ST(S): PL, Silesia; lost.

Lygaeus thymi (non Wolff, 1804): Fallén, 1829: 49 (partly). Misidentification (see J.A. Slater, 1964a: 209).

Nysius maculatus Fieber, 1861a: 168 (syn. Horváth, 1890: 191). ST(S): EU (south); lost.

?*Nysius albidus* Jakovlev, 1867: 151 (junior primary homonym of *Nysius albidus* Dallas, 1852; syn. Horváth, 1890: 191, suspected). ST(S): RU (ST), Astrakhan; lost?

Nysius gracilis Scott, 1870: 98 (syn. Horváth, 1890: 191). ST(S): SZ, Martigny; lost?

?*Nysius ericae* var. *obscuratus* Horváth, 1890: 188 (syn. with *groenlandicus* suspected partially false by Lindberg, 1935: 415: here probably several spp.). STS: ♂, ♀, CH (Mt Chagol), KI, RU (ES: Irkutsk) and TD.

Nysius natalensis Evans, 1929: 269 (syn. Schmitz, 1976: 396). HT: ♀, S Africa, Durban; BMNH.

Nysius ribesi Wagner, 1965: 51 (syn. Schmitz & Péricart, 1993: 179). HT: ♂, SP, Valencia; ZMUH.

Distr. EU: AU BE BH BU CR CZ DE EK EN FI FR GB GE GR HU IT LU MA MC MD NL PL PO RO RU (CT NT ST) SK SP SV SZ UK YU. **NA:** AG AZ CI EG? LB MR MO TU. **AS:** AK AR AT CH (NO SW WP) CY GG IN IQ KI MG RU (ES FE

WS) SA TA TD TM UZ YE. EL: Probably whole tropical Africa.
Extralimital subspecies: *Nysius ericae alticola* Hutchinson, 1934, N India.

***Nysius ericae groenlandicus* (Zetterstedt, 1838)**

Cimex grylloides (non Linnaeus, 1761): Olafsen & Povelsen, 1772: 601.

Misidentifications (see J.A. Slater, 1964a: 280).

Lygaeus groenlandicus Zetterstedt, 1838: 262 (downgraded with doubt by Schmitz & Péricart, 1993: 180). HT: ♀, Greenland; MZLU! See note.

Distr. EU: FI IC NR RU (NT) SV. AS: CH (NO) RU (ES FE WS). EL: Greenland, N America (Alaska, Canada, USA).

Ref.: Ashlock & J.A. Slater in Henry & Froeschner, 1988 (distr.).

Note: The status of this taxon needs further discussion. American authors and Vinokurov consider it a good species; Schmitz & Péricart (1993), having studied the types and some Swedish material, think that it probably represents a northern subspecies of *ericae*, but consider a study of populations of arctic parts of Eurasia and America necessary to solve the case.

***Nysius eximius* Stål, 1858**

Nysius eximius Stål, 1858b: 180. HT: ♂, RU (ES), Irkutsk; NHRS.

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

***Nysius expressus* Distant, 1883**

Nysius expressus Distant, 1883: 429. HT: JA, Niigata; BMNH.

Distr. AS: CH (SE) JA KO RU (ES FE).

***Nysius gloriae* Baena & García, 1999**

Nysius gloriae Baena & García in Péricart, 1999d: 230. HT: ♂, CI, La Palma, Marcos y Cordero; coll. R.G. Becerra, Santa Cruz de La Palma, CI.

Distr. NA: CI.

Ref.: Baena & García, 1999.

***Nysius graminicola graminicola* (Kolenati, 1845)**

Corizus ericae var. *graminicola* Kolenati, 1845: 21 (upgraded by Fieber, 1861a: 169). LT (Péricart, 1999a: 221, as HT): ♂, Transcaucasia, AB, Karabakh; NHMW.

Nysius senecionis (non Schilling, 1829): Mulsant & Rey, 1878: 179; Puton, 1878b: 16.

Misidentifications (according to descriptions; see also J.A. Slater, 1964a: 312).

Nysius graminicola f. *lucida* Popov, 1965: 209 (unavailable name). STS: ♂, ♀, KI, Tien Shan (Chatkal ridge, Pskem ridge and Ugam ridge).

Distr. EU: AL AU BE BH BU CR FR GB GE GR HU IT MA MC NL PL? PO RO RU (ST) SL SP SZ UK YU. NA: AG CI EG MO TU. AS: AB AK AR AT CH (SE SW WP) CY GG IN IQ IS KI KO LE MG SA SY TD TM UZ YE.

Extralimital subspecies: *Nysius graminicola stali* Evans, 1929, tropical Africa. Linnavuori (1989a) indicates this form in YE. Péricart (1999a) quotes YE in the area of *N. graminicola graminicola*.

Ref.: Zheng & Zou, 1981a ("*Nysius* sp. 1").

***Nysius graminicola karaganus* Hoberlandt, 1951**

Nysius graminicola karaganus Hoberlandt, 1951: 3. HT: ♀, IQ (northeast), Karagan nr Hanekin, Djebel Hamrin; NMPC.

Distr. AS: IQ.

Note: According to Péricart (1999a), the subspecific status of this taxon is doubtful.

***Nysius helveticus* (Herrich-Schaeffer, 1850)**

Heterogaster thymi (non Wolff, 1804): Herrich-Schaeffer, 1835b: 13. Misidentification (see J.A. Slater, 1964a: 314).

Cymus helveticus Herrich-Schaeffer, 1850: 203. ST(S): SZ; lost.
Heterogaster ericae (non Schilling, 1829): Boheman, 1851: 195. Misidentification (see J.A. Slater, 1964a: 314).
Heterogaster lineatus A. Costa, 1853: 17 (syn. Horváth, 1890: 191). STS: ♂, ♀, IT, nr Naples; lost?
Nysius brunneus Fieber, 1861a: 169 (syn. Puton, 1878b: 17). ST(S): AU, Niederösterreich; lost?
Nysius obsoletus Fieber, 1861a: 170 (syn. Stål, 1874a: 121). ST(S): GE; lost?
Nysius scotti Saunders, 1869: 1 (syn. Saunders, 1875: 233, with *brunneus*). STS: GB, Hillfield, Reigate Heath; lost?
Nysius punctipes Jakovlev, 1871: 8 (syn. Jakovlev, 1875: 158). ST(S): RU (ST), nr Astrakhan; lost.
Nysius ochraceus Kiritshenko, 1951b: 171. Nomen nudum.
Nysius helveticus f. *ochracea* Popov, 1964: 700 (unavailable name; infrasubspecific). STS: KI, TD and UZ; ZMAS, ZMUM.
Distr. EU: AU BE BH BU BY 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. AS: AB AK AT CH (NO) GG IN IQ KI MG RU (ES FE WS) TD UZ.

***Nysius immunis* (Walker, 1872)**

Cymus immunis Walker, 1872: 142. LT (Péricart, 1999a: 227, as HT): ♂, MR; BMNH.
Nysius graminicola (non Kolenati, 1845): Stål, 1872: 43. Misidentification (see Horváth, 1890: 186).
Nysius stalianus Horváth, 1890: 186 (syn. Horváth, 1899c: 278). For *graminicola* sensu Stål, 1872. STS: SP (Gibraltar), FR (Carcassonne, Provence, Corsica), GR (Attica), AT (Izmir), MR and CI (Tenerife); HNHM.
Nysius brevicollis Blöte, 1929: 165 (syn. Lindberg, 1953: 58). LT (Péricart, 1999d: 79): ♀, CI, Tenerife; RMNH.
Distr. EU: CR FR IT PO GR SP SZ. NA: AG CI MO MR TU. AS: AT CY.

***Nysius inconspicuus* Distant, 1903**

Nysius inconspicuus Distant, 1903a: 18. LT (Péricart, 1999d: 81): ♂, India, Bor Ghát; BMNH.
Distr. AS: CH (CE SE SW). EL: Burma, India, Malaya.
Ref.: Miller, 1934 (biol., devel.), 1956a (biol., devel.)

***Nysius lacustrinus* Distant, 1909**

Nysius lacustrinus Distant, 1909a: 321. LT (Péricart, 1999d: 82): ♀, Northwest India, Kumaon, Bhim valley; BMNH.
Distr. AS: CH (SE SW)? EL: India, Indonesia?
Ref.: Zheng & Zou, 1981b (with a question mark, as "*Nysius* sp.1").

***Nysius nigricornis* Kerzhner, 1979**

Nysius nigricornis Kerzhner, 1979b: 44. HT: ♂, MG, Gobi-Altai aymak, 33 km S of Beger; ZMAS.
Distr. AS: CH (NW) MG.

***Nysius pilosulus* Horváth, 1904**

Nysius pilosulus Horváth, 1904a: 581. LT (Schmitz & Péricart, 1993: 182): ♂, KI, "Turkestan", Tian-Shan, "Syrt Tshakir-Korum"; HNHM.
Distr. AS: KI MG.

***Nysius plebeius* Distant, 1883**

Nysius plebeius Distant, 1883: 429. ST(S): JA, Yokohama; BMNH.
Distr. AS: JA KO. EL: Midway Is.

Ref.: Esaki, 1950 (fig.); Matsumura, 1931 (fig.); Suehiro, 1959 (Midway Is.).

***Nysius senecionis senecionis* (Schilling, 1829)**

Heterogaster senecionis Schilling, 1829: 87. ST(S): Silesia; lost. NT (Schmitz & Péricart, 1993: 181): ♂, YU; ISNB.

Nysius graminicola (non Schilling, 1829): Mulsant & Rey, 1878: 176; Puton, 1878b: 15. Misidentifications (according to descriptions; see also Péricart, 1999a: 225).

Nysius gastricus Bergroth, 1920: 4 (syn. Linnavuori, 1989a: 16, with *senecionis binotatus*). STS: ♂, ♀, "British East Africa" [= Kenya]; NHRS (see note).

?*Nysius senecionis aegyptiacus* Priesner & Alfieri, 1953: 43 (upgraded to species by Wagner, 1958a: 16; syn. Schmitz & Péricart, 1993: 181, suspected). LT (Schmitz & Péricart, 1993: 181): ♂, EG, Wadi Digla; OLML.

Distr. EU: AL AU BE BH BU CR CZ DE ET FR GB GE GR HU IT LU MA MC MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. NA: AG EG LB MO TU. AS: AB AK AR AT CH (NO: Inner Mongolia) CY GG IS KI KU MG SA TM UZ YE. EL: tropical Africa.

Extralimital subspecies: *Nysius senecionis binotatus* (Germar, 1838), tropical Africa.

Note: Linnavuori (1989a) indicates this taxon from YE. Péricart (1999a) quotes YE in the area of *Nysius senecionis senecionis*; Linnavuori & Van Harten (1997) quote the same taxon in YE under the name *N. senecionis aegyptiacus*.

***Nysius thymi thymi* (Wolff, 1804)**

Lygaeus thymi Wolff, 1804: 149. STS: ♂, ♀, EU; lost.

?*Cymus ericae* (non Schilling, 1829): Burmeister, 1835: 292. Misidentification (see J.A. Slater, 1964a: 298).

Nysius canigouensis Wagner, 1958a: 25 (syn. Schmitz & Péricart, 1993: 179). HT: ♂, FR, Pyrénées, Mt Canigou; ZMUH.

Distr. EU: AN! AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR? HU IR IT LA LT LU MA 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 (NE NO NW SW WP) GG IS MG RU (ES FE WS) UZ. EL: Alaska, Canada, USA.

***Nysius thymi latus* Wagner, 1958**

Nysius latus Wagner, 1958a: 26 (downgraded by Schmitz & Péricart, 1993: 179). HT: ♂, CI; ZMUH.

Distr. NA: CI. AS: YE. EL: Cabo Verde Isl.; tropical Africa; Oriental Region.

***Nysius transcaspicus* Wagner, 1958**

Nysius (Macroparius) transcaspicus Wagner, 1958a: 50. HT: ♂, TM, Kopet Dagh; MZHF.

Distr. AS: TM.

Tribe ORSILLINI Stål, 1872

Genus *Camptocoris* Puton, 1886

Camptonotus Jakovlev, 1885: 118 (junior homonym of *Camptonotus* Uhler, 1864, Orthoptera). Type species by monotypy: *Camptonotus maculatus* Jakovlev, 1885 (= *Nysius longicornis* Puton, 1874).

Camptocoris Puton, 1886a: 19. New name for *Camptonotus* Jakovlev, 1885.

Leuconysius Poppius, 1912: 165 (syn. Kiritschenko, 1931c: 16). Type species by original designation: *Leuconysius biskrensis* Poppius, 1912 (= *Nysius longicornis* Puton, 1874).

Nysiodes Distant, 1918b: 182 (syn. Usinger, 1941: 129). Type species by original designation: *Nysiodes typus* Distant, 1918.

Pseudonysius Bergevin, 1921: 200 (syn. China, 1937: 555, with *Nysiodes*; Wagner, 1958a:

39, with *Camptocoris*). Type species by monotypy: *Nysius longicornis* sensu Bergevin, 1921 (= *Camptocoris carayoni* Wagner, 1958).
Ref.: Ashlock, 1967 (Orsillinae, class.); Péricart, 1999a (monogr.); J.A. Slater & Ashlock, 1980 (*Camptocoris*); Wagner, 1958a (Pal. *Nysius*, rev.).

***Camptocoris carayoni* Wagner, 1958**

Nysius longicornis (non Puton, 1874): Bergevin, 1921: 199. Misidentification (see Wagner, 1958a: 42).

Camptocoris carayoni Wagner, 1958a: 42. For *longicornis* sensu Bergevin, 1921. HT: ♂, AG, Biskra; MNHN.

Distr. NA: AG.

***Camptocoris longicornis* (Puton, 1874)**

Nysius longicornis Puton, 1874c: 439. HT: ♂, AG, Biskra; MNHN.

Camptonotus maculatus Jakovlev, 1885: 119 (syn. Kiritshenko, 1931c: 16). LT (Péricart, 1998b: 125): ♀, TM, "Achal-Tekke" [= env. of Ashkhabad]; ZMAS.

Nysius longicornis var. *pallescens* Puton in Puton & Lethierry, 1887: 300. HT: ♂, AG, Biskra; MNHN.

Nysius desertorum Kiritshenko, 1912a: 205. New name for *maculatus* Jakovlev, 1885, because of secondary homonymy with *Nysius maculatus* Fieber, 1861.

Leuconysius biskrensis Poppius, 1912: 166 (syn. Wagner, 1958a: 40). HT: ♂, AG, Biskra; MZHF?

Leuconysius tachdirtensis Bergevin, 1923a: 154 (syn. Wagner, 1958a: 40). HT: ♂, MO, High Atlas, Djebel Tachdirt; MNHN.

Distr. EU: GR IT (Sicily?) NA: AG EG LB MO TU. AS: AB AT IN IQ IS JO KU SA SI SY TM UZ YE.

Ref.: J.A. Slater & Ashlock, 1980 (*Camptocoris*); Wagner, 1958a (*Camptocoris*).

***Camptocoris typus* (Distant, 1918)**

Nysiodes typus Distant, 1918b: 182. LT (Péricart, 1999d: 85): ♂, S India: "Chikkaballapura" [= Chik Ballapur]; BMNH.

Nysiodes faustus Distant, 1918b: 183 (syn. China, 1937: 554). LT (Péricart, 1999d: 81): ♀, S India, "Chikkaballapura" [= Chik Ballapur]; BMNH.

Camptocoris lindbergi Wagner, 1958a: 44 (syn. Linnavuori & Al Safadi, 1993: 14). HT: ♂, Cabo Verde Isl., Santo Antão or Sal, Espargo; ZMUH.

Distr. AS: IQ SA YE. EL: Cabo Verde Isl.; India; tropical and South Africa.

Ref.: Linnavuori, 1978 (tropical Africa); J.A. Slater & Ashlock, 1980 (*Camptocoris*).

Genus *Orsillus* Dallas, 1852

Orsillus Dallas, 1852: 551. Type species by monotypy: *Orsillus depressus* Dallas, 1852 (= *Heterogaster depressus* Mulsant & Rey, 1852).

Mecorhamphus Fieber, 1860: 46; 1861a: 173 (syn. Fieber, 1961a: 173, suspected; Puton, 1869b: 13). Type species by monotypy: *Mecorhamphus maculatus* Fieber, 1861.

Macrorhamphus Jakovlev, 1876c: 218 (syn. Jakovlev, 1879: 69). Type species by monotypy: *Macrorhamphus caucasicus* Jakovlev, 1876 (= *Heterogaster depressus* Mulsant & Rey, 1852).

Ref.: Ashlock, 1967 (Orsillinae, classif.); Péricart, 1999a (monogr.).

***Orsillus depressus* (Mulsant & Rey, 1852)**

Heterogaster depressus Mulsant & Rey, 1852: 93. ST(S): FR, nr Lyon; lost.

Orsillus depressus Dallas, 1852: 551 (syn. Oshanin, 1906: 259). (See note below). ST(S): IT?; lost.

Phygadicus graminis Garbiglietti, 1869: 120 (syn. Puton, 1874a: 226). ST(S): IT, nr

Torino; MIZT.

Macrorhamphus caucasicus Jakovlev, 1876c: 220 (syn. Jakovlev, 1879: 69). LT

(Péricart, 1998b: 124): ♂, RU (ST), Dagestan, Derbent; ZMAS.

Distr. EU: AL AU BE BH BU CR CZ FR GB GE GR HU IT LS LU MC NL PO RO RU (ST) SK SL SP SZ UK YU. NA: AG LB MO TU. AS: AB AK! AR AT CY GG IN TD TM! UZ.

Ref.: Seabra, 1930b.

Note: Two descriptions of *depressus*, one by Mulsant & Rey, under the generic name *Heterogaster*, the other by Dallas under his new generic name *Orsillus*, were published the same year 1852. Puton (1869b, 1878b, 1899) credited the name to Mulsant & Rey; Oshanin (1906), followed by Stichel (1958) and J.A. Slater (1964a) credited it to Dallas. The manuscript of Mulsant & Rey was received Jan. 2, 1852 by "Annls Soc. linn. Lyon" (the exact dates of publication of the issue and of volume one of Mulsant & Rey's "Opuscula Entomologica" (1852), where the description of the species was given as well, are unknown); Dallas' book was published just after June 6 (date of Gray's "introduction". Both type series seem lost (at the BMNH there are no Dallas' specimens, and the species is labelled with Mulsant & Rey authorship, as well as in the MNHN). We are possibly facing a case of homonymy-synonymy in the same year, the species name itself being rather naturally suggested by the very depressed body of the insect. So the discussion about priority appears purely academic. We have followed here Puton (1878b), the first monograph covering the genus *Orsillus*.

***Orsillus maculatus* (Fieber, 1861)**

Mecorhamphus maculatus Fieber, 1861a: 173. STS: ♂, ♀, EU, south; lost?

Orsillus longirostris Mulsant & Rey, 1872b: 204 (syn. Puton, 1878b: 43). STS: ♂, ♀, FR, Provence, Dept Var, nr Hyères, Isle of Porquerolles; lost.

Orsillus maculatus f. *obscura* Mancini, 1959: 105. LT (Péricart, 1998a: 278): ♀, IT, Genova; MCSN.

Distr. EU: AL BH BU CR CZ FR IT GR MC RU (ST) SL! SP UK. NA: LB. AS: AB AT CY GG IS JO.

Ref.: V.G. Putshkov, 1958a (larva).

***Orsillus pinicanariensis* Lindberg, 1953**

Orsillus pinicanariensis Lindberg, 1953: 58. HT: ♀, CI, Tenerife or La Palma; MZHF.

Distr. NA: CI.

Ref.: Heiss et al., 1996 (distr.).

***Orsillus potanini* Linnavuori, 1978**

Orsillus potanini Linnavuori, 1978: 53. HT: ♀, CH (SW), Sichuan, "Tshzhanyinyuan, Tamusha" [= Zhamynguan, NE of Jiangyou]; ZMAS.

Distr. AS: CH (CE! SW).

Ref.: Zheng & Zou, 1981a.

***Orsillus reyi* Puton, 1871**

Orsillus [sic] *reyi* Puton, 1871a: 124. ST(S): FR, Provence; lost?

Orsillus planus Mulsant & Rey, 1872b: 208 (syn. Puton, 1875a: 20). STS: ♂, ♀, FR, Provence, Aubagne, nr Marseilles; lost.

Distr. EU: AU BH CR CZ FR GR IT MA SP. NA: AG TU. AS: AT CY IS.

Genus *Ortholomus* Stål, 1872

Ortholomus Stål, 1872: 43 (as subgenus of *Nysius*). Type species by monotypy:

Heterogaster punctipennis Herrich-Schaeffer, 1838.

Ref.: Ashlock, 1967 (*Orsillinae*, class.); Horváth, 1890 (Pal. *Nysius*, rev.); Péricart, 1999a (monogr.); Schmitz & Péricart, 1993 (Pal. *Nysius*, rev.); Wagner, 1958a (Pal. *Nysius*,

rev.).

***Ortholomus carinatus* (Lindberg, 1932)**

Nysius carinatus Lindberg, 1932: 28. HT: ♂, MO, High Atlas, Reraia valley; MZHF.

Distr. EU: EK ET FR GR PO SP UK. NA: AG MO TU. AS: AT IN IQ.

Ref.: Vidal, 1940 (*Ortholomus*).

***Ortholomus jordani* Hoberlandt, 1953**

Ortholomus jordani Hoberlandt, 1953: 378, 380. HT: ♂, IQ (north), Shaklawa; NMPC.

Distr. AS: IQ.

Note: Because of its resemblance to *O. carinatus* and the paucity of material (two specimens from the same locality), the validity of this taxon needs to be confirmed.

***Ortholomus punctipennis* (Herrich-Schaeffer, 1838)**

Heterogaster thymi (non Wolff, 1804): Schilling, 1829: 85. Misidentification (see J.A. Slater, 1964a: 337).

Heterogaster punctipennis Herrich-Schaeffer, 1838: 75. STS: GE and HU; lost.

Nysius pubescens J. Sahlberg, 1868a: 170 (syn. Reuter, 1875b: 527). STS: ♂, ♀, FI (Helsinki) and RU (NT, Leningrad Prov.: Pyhäjärvi [= Otradnoe], Sakkola [= Gromovo], Rautus [= Sosnovo] and Kirjola; lost?

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

Genus *Sinorsillus* Usinger, 1938

Sinorsillus Usinger, 1938a: 140. Type species by original designation: *Sinorsillus piliferus* Usinger, 1938.

Ref.: Ashlock, 1967 (class.); Zheng & Zou, 1981b (monogr.).

***Sinorsillus piliferus* Usinger, 1938**

Sinorsillus piliferus Usinger, 1938a: 140. HT: ♂, CH (CE), Zhejiang, Mokanshan; CASC.

Distr. AS: CH (CE SE SW).

Subfamily ISCHNORHYNCHINAE Stål, 1872

ISCHNORHYNCHINAE Stål, 1872: 44 ("Ischnorhyncharia"). Type genus: *Ischnorhynchus* Fieber, 1860 (= *Kleidocerys* Stephens, 1829).

KLEIDOCERINI J.A. Slater, 1952: 315 (as tribe). Type genus: *Kleidocerys* Stephens, 1829.

Ref.: Péricart, 1999a (monogr.); Scudder, 1962a (rev.).

Genus *Acanthocrompus* Scudder, 1958

Acanthocrompus Scudder, 1958a: 23, 27. Type species by original designation:

Acanthocrompus grandis Scudder, 1958, Pacific Region.

Macellocoris J.A. Slater, 1962: 43 (syn. J.A. Slater, 1964a: 352). Type species by original designation: *Macellocoris incrassatus* J.A. Slater, 1962, Indonesia (Sumatra).

***Acanthocrompus chinensis* Zheng, Zou & Hsiao, 1979**

Acanthocrompus chinensis Zheng, Zou & Hsiao, 1979a: 363, 369. HT; ♀, CH (SE), Hainan; NKUM.

Distr. AS: CH (SE: Hainan).

Ref.: Zheng & Zou, 1981a.

Genus *Kleidocerys* Stephens, 1829

Kleidocerys Stephens, 1829a: 342. Type species by subsequent designation (China, 1943:

- 237): *Lygaeus resedae* Panzer, 1797.
Kleidocerus: Burmeister, 1835: 292, 306. Incorrect subsequent spelling.
Clidoceras Agassiz, 1847: 89. Unjustified emendation.
Ischnorhynchus Fieber, 1860: 51; 1861a: 199 (syn. Horváth, 1875: 27). Type species by subsequent designation (Oshanin, 1912: 29): *Lygaeus resedae* Panzer, 1797.
Lyctus Flor, 1860: 294 (as subgenus of *Cymus*; junior homonym of *Lyctus* Fabricius, 1805, Coleoptera). Type species by monotypy: *Lygaeus resedae* Panzer, 1797.
Clidocerus: Fairmaire, 1884: 54. Incorrect subsequent spelling.
Kleydocerus: Signoret, 1885: 67. Incorrect subsequent spelling.
Ref.: Carayon, 1989b (W Pal. spp., rev.); Péricart, 1999a (monogr.); V.G. Putshkov, 1958a (larva); Putshkova, 1956 (eggs).
- Kleidocerys ericae* (Horváth, 1908)**
Ischnorhynchus geminatus Fieber, 1861a: 200 (junior secondary homonym of *Lygaeus geminatus* Say, 1832). STS: ♂, ♀, EU, middle and south; lost.
Ischnorhynchus resedae (non Panzer, 1797): Douglas & Scott, 1865: 233.
Misidentification (see J.A. Slater, 1964a: 370).
Ischnorhynchus geminatus var. *griseus* Puton in Noualhier, 1889: 295 (syn. or downgraded to subspecies by Péricart, 1999a: 238, suspected). LT (Péricart, 1999a: 238): CI, ♀, Tenerife; MNHN.
Ischnorhynchus ericae Horváth, 1908a: 561. New name for *geminatus* Fieber, 1861.
Ischnorhynchus truncatulus var. *horvathiana* Kirkaldy, 1909a: 31. New name for *geminatus* Fieber, 1861.
Kleidocerys franciscanus (non Stål, 1860, partly): Barber, 1953: 277. Misidentification (see J. A. Slater, 1964a: 372).
Distr. Owing to the confusions with *Kleidocerys resedae*, which has almost the same chorology, only the distribution area of the complex *resedae-ericae* is given. See below under *resedae resedae*.
Ref.: Butler, 1923 (larvae); Haskell, 1958 (stridulation); Jordan, 1933 (biol.); Southwood & Leston, 1959.
- Kleidocerys nubilus* (Distant, 1883)**
Ischnorhynchus nubilus Distant, 1883: 430. LT (Péricart, 1999d: 83): ♂, JA, Yokohama; BMNH.
Distr. AS: JA KO.
- Kleidocerys privignus* (Horváth, 1894)**
Ischnorhynchus privignus Horváth, 1894: 180 (syn. Scudder, 1958b: xix, with *resedae*; restored by Aukema, 1989: 74). LT (see Scudder, 1958b: xix, as HT): ♂, GG, Kvirili; HNNM.
Distr. EU: AU BE BU CZ! FR GE HU LU NL SK. AS: AB GG.
Note: Species of controversial status (see Péricart, 1999a: 237).
- Kleidocerys resedae resedae* (Panzer, 1797)**
Lygaeus resedae Panzer, 1797a: 20. ST(S): GE, "Norimb." [= Nürnberg]; lost?
Lygaeus didymus Zetterstedt, 1819: 71 (syn. Zetterstedt, 1828: 474). STS: SV, "Lårketorp"; lost?
Phytocoris puncticollis Fallén, 1826: 14 (syn. Horváth, 1875: 27). STS: SV, Skåne, Småland; lost?
Ischnorhynchus [sic] *resedae* var. *flavicornis* Duda, 1885: 170. STS: CZ, Bohemia nr Prague, "Jungfer-Teinitz", Chodau [= Chodow]; lost?
Kleidocerys betulinus Oshanin, in litt. (nomen nudum; syn. Popov, 1964: 701).
Distr. (including *ericae*) 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: CI (*ericae*) MO? AS: AB AK AT CH (NE NW SW)
GG JA KI KO MG RU (ES FE WS) TD.

Extralimital subspecies: *Kleidocerys resedae fuscomaculatus* Barber, 1953, USA;
Kleidocerys resedae geminatus Say, 1832, USA.

Ref.: Carayon, 1989b; Haskell, 1958 (stridulation); Jordan, 1933 (biol.); Péricart, 1999a.

***Kleidocerys truncatulus* (Walker, 1872)**

Cymus truncatulus Walker, 1872: 142. LT (Péricart, 1998a: 278): ♀, MR; BMNH.

Distr. NA: MR.

Ref.: Carayon, 1989b; Péricart, 1999a.

Genus *Pylorgus* Stål, 1874

Pylorgus Stål, 1874a: 123, 125. Type species by monotypy: *Cimex colon* Thunberg, 1784.

Mesostates Reuter, 1882: 14 (syn. Scudder, 1962a: 182). Type species by monotypy:

Mesostates maculatus Reuter, 1882, Ghana.

Rhiobia Bergroth, 1918: 58 (syn. Scudder, 1958a: 31). Type species by original designation: *Rhiobia praeceps* Bergroth, 1918, Philippines, Luzon.

Domiduca Distant, 1918b: 184 (syn. Barber, 1956: 282, with *Rhiobia*). Type species by original designation: *Domiduca exemplificata* Distant, 1918, India.

Hovania Horváth, 1924: 191 (syn. Scudder, 1958a: 31). Type species by monotypy:

Hovania scutellaris Horváth, 1924, Madagascar.

Ref.: Barber, 1956 (syst. position); Linnavuori & Al Safadi, 1993 (East African and Arabian spp.); Scudder, 1958a (Australian spp.), 1962a (World revision); Zheng & Zou, 1981a (Chinese spp.).

***Pylorgus alkithoe* Linnavuori & Al Safadi, 1993**

Pylorgus alkithoe Linnavuori & Al Safadi, 1993: 15, 17. HT: ♂, YE, Ibb, Al Makhadir; NMWC.

Distr. AS: YE.

***Pylorgus athnensis* Linnavuori, 1986**

Pylorgus athnensis Linnavuori, 1986: 76. HT: ♂, SA, nr Athnens; AMNH.

Distr. AS: SA YE.

***Pylorgus colon* (Thunberg, 1784)**

Cimex colon Thunberg, 1784: 57. ST(S): JA; UZIU.

Domiduca chinai Esaki, 1931: 260 (syn. Scudder, 1958a: 32). HT: ♂, JA, Kynshu, Prov. Chikuzen, Wakasugi Mt.; KUEC.

Distr. AS: CH (CE) JA KO.

Ref.: Esaki, 1950 (fig.); Hidaka & Izzard, 1960; Stål, 1874a (*Pylorgus*).

***Pylorgus incognitus* Linnavuori, 1978**

Pylorgus incognitus Linnavuori, 1978: 54. HT: ♀, YE (south), Jebel Harir; BMNH.

Distr. AS: YE.

***Pylorgus ishiharai* Hidaka & Izzard, 1960**

Pylorgus ishiharai Hidaka & Izzard, 1960: 131. HT: ♂, JA, Honshu, Hiroshima Pref., Aki Prov., Itsukushima; KUEC.

Distr. AS: CH (CE SE SW WP) JA KO.

***Pylorgus obscurus* Scudder, 1962**

Pylorgus obscurus Scudder, 1962a: 184, 191. HT: ♀, Philippines, N Luzon, Pantikian; ZSMC.

Distr. AS: CH (CE SE SW WP). EL: India, Philippines.

Ref.: Zheng & Zou, 1981a (as *P. ishiharai*).

***Pylorgus porrectus* Zheng, Zou & Hsiao, 1979**

Pylorgus porrectus Zheng, Zou & Hsiao, 1979a: 363, 369. HT: ♂, CH (SE), Fujian, Fu-Zhou; NKUM.

Distr. AS: CH (SE).

***Pylorgus praeceps* (Bergroth, 1918)**

Rhiobia praeceps Bergroth, 1918: 59. STS: ♂, ♀, Philippines, Luzon, Laguna, Mt Maquilong and Mt Banahao; MZHF?

Pylorgus praecops Scudder, 1962a: 185 and some other authors (lapsus successively reproduced).

Pylorgus orientalis Zheng, Zou & Hsiao, 1979a: 362, 369 (syn. nov.). HT: ♀, CH (SE), Guangdong, Lian-xian; NKUM.

Distr. AS: CH (SE). EL: Philippines.

Ref.: Scudder, 1962a (*Pylorgus*); Zheng & Zou, 1981a (as *orientalis*).

***Pylorgus sordidus* Zheng, Zou & Hsiao, 1979**

Pylorgus sordidus Zheng, Zou & Hsiao, 1979a: 369, 370. HT: ♀, CH (SW), Sichuan, Barkam; NKUM

Distr. AS: CH (SW WP).

***Pylorgus stramineus* Linnavuori, 1978**

Pylorgus stramineus Linnavuori, 1978: 54. HT: ♂, YE, south, Jebel Harir; BMNH.

Distr. AS: YE.

***Pylorgus tibetanus* Zheng, 1988**

Pylorgus tibetanus Zheng, 1988: 95, 100. HT: ♂, CH (WP), Xizang, Medog; IZAS.

Distr. AS: CH (WP).

***Pylorgus yasumatsui* Hidaka & Izzard, 1960**

Pylorgus yasumatsui Hidaka & Izzard, 1960: 131. HT: ♂, JA, Kyushu, Fukuoka Pref., Buzen, Mt Hikoizan; KUEC.

Distr. AS: JA RU (FE).

Subfamily CYMINAE Baerensprung, 1860

CYMINAE Baerensprung, 1860: 10 ("Cymides"). Type genus: *Cymus* Hahn, 1931.

Ref.: Hamid, 1975 (rev.); Péricart, 1999a (monogr.); V.G. Putshkov, 1958a (larva); J.A. Slater, 1952 (biol.); Stål, 1874a; Usinger & Ashlock, 1959 (as subfam.).

Note: Before J.A. Slater (1952), Ischnorhynchinae were included in Cyminae.

Tribe CYMINI Baerensprung, 1860

Genus *Cymodema* Spinola, 1837

Cymodema Spinola, 1837: 213. Type species by monotypy: *Cymodema tabida* Spinola, 1837.

Bedus Stål, 1860b: 251 (syn.: Stål, 1865: 149). Type species by monotypy: *Bedus mauritii* Stål, Mauritius.

Ref.: Péricart, 1999a (monogr.).

***Cymodema basicornis* (Motschulsky, 1863)**

Cymus basicornis Motschulsky, 1863: 90. STS: "Ceylon" [= Sri Lanka], nr Colombo; not located (see Kerzhner & Jansson, 1985: 39).

Cymus tabidus (non Spinola, 1837): Stål, 1874a: 126. Misidentification (see Bergroth, 1921a: 98).

Cymus nanulus Breddin, 1907a: 38 (syn. Distant, 1918b: 183). HT: ♂!, "Ceylon" [= Sri

Lanka], Negombo; DEIC.

Cymus vulturnus Kirkaldy, 1908a: 770 (syn. Bergroth, 1918: 65). LT (Péricart, 1999d: 85): ♀, Queensland, Bundaberg; BPBM.

Cymodema gracilior Lindberg, 1959: 51 (syn. Hamid, 1975: 57). HT (see also Hamid, 1975: 57, 58): ♂, Cabo Verde Is, São Nicolau, Ribeiro da Pulga; MZHF.

Distr. AS: CH (SE SW). EL: Afrotropical, Australian, and Oriental regions.

Ref.: Bergroth, 1921a (Motschulsky type); Hamid, 1975 (*Cymodema*); Stål, 1874a (incertae sedis).

***Cymodema tabida tabida* Spinola, 1837**

Cymodema tabida Spinola, 1837: 215. STS: IT, Sardinia; MSNT.

Distr. EU: BH BU CR FR GR IT MA MC PO SP. NA: AG EG MO TU. AS: AT IS.
EL: Chad!, Sudan.

Extralimital subspecies: *Cymodema tabida longicornis* Linnavuori, 1978, Sudan.

Note: See note on page 36.

Genus *Cymus* Hahn, 1832

Cymus Hahn, 1832: 76. Type species by subsequent designation (Distant, 1903a: 21):

Lygaeus clavivulus Fallén, 1807.

Arphnus Stål, 1874a: 125 (syn. Hamid, 1975: 53). Type species by monotypy: *Oxycaraenus* [sic] *coriacipennis* Stål, 1860, N America.

Ref.: Hamid, 1975 (rev.); Ledvinka, 1970a (development, phylogeny); Péricart, 1999a (monogr.).

Note: *Cymus foliaceus* Motschulsky, 1860 is a nomen nudum.

***Cymus aurescens* Distant, 1883**

Cymus aurescens Distant, 1883: 430. LT (Péricart, 1997a: 64): ♂, JA, Yokohama; BMNH.

Cymus obliquus Horváth, 1888b: 309 (syn. Hamid, 1975: 70). LT (Péricart, 1996a: 155): ♀, AU, Weidling; HNHM.

Cymus glandicolor (non Hahn, 1832): Saunders, 1892: 72 (as var., partly).

Misidentification (see J.A. Slater, 1964a: 413).

Distr. EU: AU BE BH BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LS LU MC MD NL PL RO RU (CT ST) SK SL SZ UK YU. AS: AK AR AT CH (NE) GG IS JA KI KO MG RU (ES FE WS) UZ.

Ref.: Ledvinka, 1970b (spermatheca); Michalk, 1938a (biol.).

***Cymus chinensis* Hamid, 1975**

Cymus chinensis Hamid, 1975: 76. HT: ♂, CH (SE), Fujian, Changting, Hotien; BPBM.

Distr. AS: CH (SE).

Note: Not listed by Zheng & Zou, 1981a.

***Cymus clavivulus* (Fallén, 1807)**

Lygaeus clavivulus Fallén, 1807: 64. STS: ♂, ♀, SV, Skåne, Esperöd; lost?

Lygaeus caricis Zetterstedt, 1828: 473 (syn. Hahn, 1832: 77). STS: SV; MZLU?

Cymus aridellus Reuter, 1875c: 560 (syn. Horváth, 1875: 27). For *clavivulus* sensu Hahn, 1832. STS: FI; MZHF?

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

Ref.: Ledvinka, 1970a (larva); 1970b (spermatheca).

***Cymus elegans* Josifov & Kerzhner, 1978**

Cymus elegans Josifov & Kerzhner, 1978: 141. HT: ♂, KO, Bakjon; ZISB.

Distr. AS: CH (CE) JA KO.

Ref.: Zheng & Zou, 1981a.

***Cymus glandicolor* Hahn, 1832**

Heterogaster clavicularius (non Fallén, 1807): Schilling, 1829: 90 (partly, as var.).

Misidentification (see J.A. Slater, 1964a: 403).

Cymus glandicolor Hahn, 1832: 79. STS: GE; lost.

Cymus glandicolor var. *marginatus* Puton, 1895: 86 (upgraded by Horváth, 1911a: 580; syn. Péricart, 1999a: 251). LT (Péricart, 1996b: 107): ♂, SP, Barcelona; MNHN.

Distr. EU: AL AN 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 AK AT CH (NE NO SW WP) GG JA KI KO MG RU (ES FE WS) TD UZ.

***Cymus gracilicornis* Vidal, 1940**

Cymus gracilicornis Vidal, 1940: 442. STS: ♂, ♀, MO, Oujda; lost?

Distr. NA: AG CI EG LB MO TU. AS: AT IQ IS SA YE. EL: Cabo Verde Isl.; Sudan.

Ref.: Lindberg, 1959; Péricart, 1999a (discussion).

***Cymus koreanus* Josifov & Kerzhner, 1978**

Cymus koreanus Josifov & Kerzhner, 1978: 142. HT: ♂, KO, Nampho; ZISB.

Distr. AS: CH (NO) KO.

Ref.: Zheng & Zou, 1981a.

***Cymus melanocephalus* Fieber, 1861**

Cymus melanocephalus Fieber, 1861a: 203. STS: FR (Corsica), GE, IT; lost?

Distr. EU: AL AU BE BH BU CR CZ FI FR GB GE GR HU IT LS LU MC MD NL PL PO RO RU (ST) SK SL SP SV SZ UK YU. NA: AG MO TU. AS: AB AR AT CY GG IN IQ IS KI SY TD UZ.

Ref.: Ledvinka, 1970a (larva) 1970b (spermatheca); Schwoerbel, 1957 (biol.).

***Cymus minutus* Lindberg, 1939**

Cymus minutus Lindberg, 1939: 14. HT: EG, Ismailia, Faied or Gebel Asfar; Ministry of Agriculture, Cairo, EG?

Distr. NA: EG

Ref.: Péricart, 1999a (status).

***Cymus remanei* Heiss & Péricart, 1999**

Cymus remanei Heiss & Péricart, 1999: 215. HT: ♂, CI, Teneriffe, Barranco de Masca; coll. Heiss, Innsbruck; AU.

Distr. NA: CI (Teneriffe).

***Cymus simplex* Horváth, 1882**

Cymus glandicolor var. *simplex* Horváth, 1882b: 145 (upgraded by Horváth, 1888b: 309).

HT: ♀, AB, Lenkoran; HNHM?

Distr. AS: AB.

***Cymus syrianensis* Hamid, 1975**

Cymus syrianensis Hamid, 1975: 66, 94. HT: ♂, SY (south), Tekieh; BMNH.

Distr. AS: SY.

***Cymus tabaci* Matsumura, 1910**

Cymnus [sic] *tabaci* Matsumura, 1910: 24. LT (designated here): ♀, TA, Chuho; EIHU.

Distr. AS: TA.

Ref.: Esaki, 1926 (noxious).

***Cymus tumescens* Zheng, 1981**

Cymus tumescens Zheng in Zheng & Zou, 1981a: 42, 590. HT: ♂, CH (SE), Fujian, Shao-wu; NKUM.

Distr. AS: CH (SE).

***Cymus turcicus* Matocq, 2000**

Cymus turcicus Matocq, 2000: 73. HT: ♂, AT, 10 km of Beysehir, along lake Beysehir; MNHN.

Distr. AS: AT.

Tribe NININI Barber, 1956

NININI Barber, 1956: 282. Type genus: *Ninus* Stål, 1860.

Ref.: Scudder, 1957a (key, rev.).

Genus *Cymoninus* Breddin, 1907

Cymoninus Breddin, 1907a: 38. Type species by original designation: *Cymoninus subunicolor* Breddin, 1907 (= *Ninus sechellensis* Bergroth, 1893).

Ref.: Distant, 1911a; Scudder, 1957a (rev.).

***Cymoninus sechellensis* (Bergroth, 1893)**

Ninus sechellensis Bergroth, 1893b: 198, 201; ST(S): ♂, Seychelles Is, Mahé.

Cymoninus subunicolor Breddin, 1907a: 39 (syn. Scudder, 1957a: 102. ST(S): "Ceylon" [= Sri Lanka], Weligama.

Ninus subsessilis Kirkaldy, 1908b: 356 (syn. Scudder, 1957a: 103). LT (Péricart, 1999d: 85): ♀, Fiji Is., Navua; BPBM.

Cymoninus philippinus Bergroth, 1918: 64 (syn. Scudder, 1957a: 103). STS: ♂, ♀, Philippines, Luzon, Laguna, Los Baños.

Cymoninus occidentalis Lindberg, 1959: 50 (syn. Scudder, 1968a: 157). HT: ♂, Cabo Verde Is, São Nicolau, Ribeira da Pulga; MZHF.

Distr. AS: CH (SE SW). EL: Sri Lanka, Reunion, Seychelles, Philippines, Pacific Region.

Ref.: Zheng & Zou, 1981a.

***Cymoninus turaensis* (Paiva, 1919)**

Ninus turaensis Paiva, 1919: 359. HT: India, Assam, Garo Hills, Tura; NZSI.

Distr. AS: CH (SE SW) JA (Okinawa). EL: India (Assam), Malaya, Sri Lanka.

Ref.: Zheng & Zou, 1981a.

Genus *Ninomimus* Lindberg, 1934

Ninomimus Lindberg, 1934b: 8. Type species by original designation: *Ninomimus lundbladi* Lindberg, 1934 (= *Lygaeosoma flavipes* Matsumura, 1913).

Ref.: Barber, 1956 (in Ninini); Scudder, 1957a (key).

***Ninomimus assamensis* (Distant, 1901)**

Ninus assamensis Distant, 1901b: 465. LT (Péricart, 1999d: 79): ♂, India, Assam, "Margherita"; BMNH.

Distr. AS: JA. EL: India, Assam.

Ref.: Bergroth, 1921b (notes); Scudder, 1957a (*Ninomimus*).

***Ninomimus flavipes* (Matsumura, 1913)**

Lygaeosoma flavipes Matsumura, 1913: 142. STS: ♀, JA, Kyoto; EIHU.

Ninomimus lundbladi Lindberg, 1934b: 9 (syn. Scudder, 1957a: 107). HT: RU (FE), Sedanka nr Vladivostok; NHRS.

Distr. AS: CH (CE SE SW) JA KO RU (FE).

Ref.: Esaki, 1950 (fig.); Miyamoto, 1957 (ovarioles).

Genus *Ninus* Stål, 1860

Ninus Stål, 1860b: 252. Type species by monotypy: *Ninus insignis* Stål, 1860.

Ossipaga Distant, 1918b: 185 (syn. Bergroth, 1921b: 165). Type species by original designation: *Ossipaga ceylanica* Distant, 1918 (= *Ninus insignis* Stål, 1860).

Ref.: Distant, 1911a; Bergroth, 1921b (notes); Barber, 1956 (in Ninini).

Ninus insignis Stål, 1860

Ninus insignis Stål, 1860b: 253. LT (Péricart, 1999d: 81): ♂, Guam Is ; NHRS.

Ninus singalensis Breddin, 1907a: 39 (syn. Bergroth, 1918: 63). HT (see Gaedike, 1971: 120): "Ceylon" [= Sri Lanka], Weligama; DEIC.

Ninus stylatus Kirkaldy, 1908b: 356 (syn. Bergroth, 1918: 63). LT (Péricart, 1999d: 85): ♂, Fiji Is, Rewa; BPBM.

Ossipaga ceylanica Distant, 1918b: 185 (syn. Bergroth, 1921b: 166). LT (Péricart, 1999d: 79) ♀, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.

Distr. AS: CH (SE SW) JA. EL: Oriental and Pacific Regions.

Ref.: Usinger, 1951.

Subfamily BLISSINAE Stål, 1862

BLISSINAE Stål, 1862a: 210 ("Blissida"). Type genus: *Blissus* Burmeister, 1835.

SLATERELLINAE Drake & Davis, 1959: 19 (syn. J.A. Slater, 1979a: 163). Type genus: *Slaterellus* Drake & Davis, 1959, Australia.

Ref.: Opinion 705, 1964 (*Blissus*); Péricart, 1999a (monogr.); J.A. Slater, 1964a (World cat.), 1979a (rev.); J.A. Slater & O'Donnell, 1995 (World cat., suppl.).

Genus *Blissus* Burmeister, 1835

Blissus Burmeister, 1835: 290. Type species by monotypy: *Blissus hirtulus* Burmeister, 1835.

Geoblissus Hidaka, 1959a: 269 (subjective synonym; see Péricart, 1999a: 260 and note below). Type species by monotypy: *Geoblissus rotundatus* Hidaka, 1959 (= *Blissus hirtulus* Burmeister, 1835).

Ref.: Péricart, 1999a (monogr.); J.A. Slater, 1964a (World cat.), 1979a (rev.); Wagner & J.A. Slater, 1964 (syst.).

Note: The euromediterranean and afrotropical species *Blissus hirtulus* Burmeister was confirmed as type species for *Blissus* (Opinion 705, 1964), ruling out the fact that a very abundant american literature in applied entomology used the same generic name *Blissus* for the "chinch bug", *leucopterus* Say, which is not congeneric with *hirtulus*. This ICZN action was not followed by American entomologists, and accordingly J.A. Slater (1979a) proposed the generic name *Geoblissus* Hidaka, 1959 for species of the *hirtulus* group. We follow here ICZN (the name *Neoblissus* Bergroth, 1903 remaining disponible for the american "chinch bug" and congeners). So, here *Geoblissus* becomes a subjective synonym of *Blissus*.

Blissus barchanorum Kiritshenko, 1914

Blissus barchanorum Kiritshenko, 1914a: 409. LT (Péricart, 1998b: 127): ♂, TM: "Bukhara merid.", Farab; ZMAS.

Distr. AS: TM.

Blissus hirtulus Burmeister, 1835

Blissus hirtulus Burmeister, 1835: 290. LT (Péricart, 1998c: 6): ♂, Ethiopia, Marabut; ZMHB.

Geoblissus rotundatus Hidaka, 1959a: 269 (syn. J.A. Slater et al., 1969: 730). HT: ♂, JA, Honshu, Wakayama; KUEC.

Distr. NA: EG. AS: CH (SE) JA SA YE. EL: Borneo, India and tropical Africa

(Chad!, Ethiopia, Sudan).

Ref.: Stichel, 1958; Zheng & Zou, 1981a.

Note: According to material seen by the author, previous records of *Blissus hirtulus* from IT, the Maghreb, and LB are erroneous, apparently resulting from confusion with *Dimorphopterus brachypterus* (Rambur).

***Blissus putoni* Jakovlev, 1875**

Blissus putoni Jakovlev, 1875: 156. LT (Péricart, 1998b: 125): ♂, EK, "Ryn-Peski"; ZMAS.

Distr. EU: EK GR RU (ST). AS: AB AK AR AT CH (SW).

Ref.: V.G. Putshkov, 1958b (larva); Zheng & Zou, 1981a.

Genus *Bochrus* Stål, 1861

Bochrus Stål, 1861a: 145. Type species by monotypy: *Bochrus poecilopterus* Stål, 1861, Indonesia (Java).

***Bochrus foveatus* Distant, 1879**

Bochrus foveatus Distant, 1879: 131. LT (Péricart, 1999d: 81): ♂, India (northeast), Eastern Garro hills; BMNH.

Bochrus hoabinhensis Distant, 1918c: 241 (syn. J.A. Slater & Ahmad, 1965a: 427). LT (Péricart, 1999d: 81): ♂, Vietnam, "Tonkin", Hoabinh; BMNH.

Bochrus tonkinensis Distant, 1918c: 242 (syn. J.A. Slater & Ahmad, 1965a: 427). LT (Péricart, 1999d: 85): ♀, Vietnam, "Tonkin", Hoabinh; BMNH.

Distr. AS: CH (SW). EL: India, Assam, Burma, Vietnam.

Ref.: Distant, 1903a; Zheng & Zou, 1981a.

Genus *Cavelerius* Distant, 1903

Cavelerius Distant, 1903c: 44. Type species by monotypy: *Cavelerius illustris* Distant, 1903, Burma.

***Cavelerius excavatus* (Distant, 1901)**

Macropes excuratus [sic] Distant, 1901b: 467 (typographical error for *excavatus*). LT (J.A. Slater & Miyamoto, 1963: 153; Péricart, 1999d: 80): ♂, India, Shillong; BMNH.

Distr. AS: CH (SW). EL: India, Assam.

Ref.: Distant, 1903a; Quadri, 1949 (morph.); Rahman, 1939 (biol., larvae); J.A. Slater & Miyamoto, 1963 (*Cavelerius*); Zheng & Zou, 1981a.

***Cavelerius saccharivorus* (Okajima, 1922)**

Blissus saccharivorus Okajima, 1922: 364. ST(S): TA.

Distr. AS: CH (CE SE) JA TA.

Ref.: Esaki, 1950 (fig.); J.A. Slater, 1979a (*Cavelerius*); Zheng & Zou, 1981a.

Genus *Dimorphopterus* Stål, 1872

Dimorphopterus Stål, 1872: 44. Type species by subsequent designation (Oshanin, 1912: 29): *Micropus spinolae* Signoret, 1857.

Euhemerus Distant, 1909a: 331 (syn. Horváth, 1911b: 337, with *Blissus*; J.A. Slater & O'Donnell, 1995: 49, with *Dimorphopterus*). Type species by monotypy: *Euhemerus latus* Distant, 1909, India.

Esmun Distant, 1909a: 330 (syn. Horváth, 1911b: 337, with *Blissus*; J.A. Slater & O'Donnell, 1995: 49, with *Dimorphopterus*). Type species by original designation (under Art. 68.2.2): *Esmun typicus* Distant, 1909, India.

Caenoblissus Barber, 1958: 186 (syn. J.A. Slater & Wilcox, 1973a: 75). Type species by original designation: *Caenoblissus pilosus* Barber, 1958, W Caroline Is.

Stenoblissus Wagner & J.A. Slater, 1964: 69 (syn. J.A. Slater & Wilcox, 1973a: 75). Type species by original designation: *Micropus curtulus* Dohrn, 1860.

Ref.: V.G. Putshkov, 1958b (larvae); J.A. Slater, 1964a (World cat.), 1979a (rev.); Zheng & Zou, 1982a (Chinese spp.).

***Dimorphopterus bicoloripes* (Distant, 1883)**

Blissus bicoloripes Distant, 1883: 432. LT (Péricart, 1999d: 79): JA, Nagasaki or Yokohama; BMNH.

Distr. AS: CH (SE) JA.

Ref.: J.A. Slater et al., 1969 (*Dimorphopterus*).

***Dimorphopterus blissoides* (Baerensprung, 1859)**

Micropus blissoides Baerensprung, 1859: 333. LT (Péricart, 1998c: 6): ♂ (macr.), GR; ZMHB.

Micropus signoreti Kuschakevitch, 1861: 69 (syn. Reuter, 1885b: 211). LT (Péricart, 1998b: 129): ♂ (brach.), "Caucasus"; ZMAS.

Ischnodemus stapsylinus [sic] Jakovlev, 1874a: 244 (syn. Reuter, 1885b: 211). LT (Péricart, 1998b: 126): ♂ (brach.), RU (ST), "Sarepta" (nr Volgograd); ZMAS.

Ischnodemus obsoletus Jakovlev, 1879: 71 (syn. Josifov & Kerzhner, 1978: 146). HT: ♂ (macr.), RU (ST), Dagestan, Derbent; ZMAS!

Distr. EU: BH BU CR GR IT MC MD RO RU (ST) SL UK YU. AS: AB AR AT IS IQ.

Ref.: Stål, 1872 (*Dimorphopterus*).

***Dimorphopterus brachypterus* (Rambur, 1839)**

Pachymerus brachypterus Rambur, 1839: 153. LT (Péricart, 1998c: 9): ♀ (brach.), SP, Gibraltar; BMNH.

Micropus curtulus Dohrn, 1860b: 161 (syn. J.A. Slater & Wilcox, 1973a: 84). STS: subbrach., SP, "Andalusia"; lost? NT (Wagner & J. A. Slater, 1964: 73): ♂, SP, Andalusia, Algeciras; MNHN.

Blissus albipennis (non Dallas, 1852): Stål, 1874a: 133. Misidentification (see J.A. Slater, 1964a: 439).

Blissus hirtulus (non Burmeister, 1835): Puton, 1875a: 21; Oshanin, 1906: 273; auct. Misidentifications!

Stenoblissus nubicus Wagner & J.A. Slater, 1964: 74. (syn. Péricart, 1997b: 482). HT: ♂, Sudan, Khartoum; ZMUH.

Distr. EU: IT? SP. NA: AG LB MO TU. AS: CY IS YE. EL: tropical Africa.

Ref.: J.A. Slater, 1974 (*Dimorphopterus*).

***Dimorphopterus doriae* (Ferrari, 1874)**

Blissus doriae Ferrari, 1874: 150. LT (Péricart, 1998c: 7): ♀ (brach.), IT, Liguria, Serravalle; MCSN.

Blissus doriae var. *obscurus* Reuter, 1888c: 223. LT (Péricart, 1997a: 66): ♂, GR, Attica; MZHF.

Distr. EU: AL BH BU EK FR GR HU IT MC RO RU (ST) SK UK YU. AS: AB AK AR AT IN SY.

Ref.: J.A. Slater, 1974 (*Dimorphopterus*); Wagner & J.A. Slater, 1964 (discuss.).

***Dimorphopterus exiguus* Zheng & Zou, 1981**

Dimorphopterus exiguus Zheng & Zou, 1981a: 63; 1982a: 426, 429. HT: ♂, CH (SE), Fujian, Fuzhou; NKUM

Distr. AS: CH (SE).

Note: The intended original description seemingly appeared later than the Chinese monograph. The same remark applies to other descriptions of Chinese *Dimorphopterus* by these authors in the same paper.

***Dimorphopterus gibbus* (Fabricius, 1794)**

Acanthia gibba Fabricius, 1794: 75. ST(S): "India Orientalis"; lost.

Ischnodemus sauteri Bergroth, 1914b: 357 (syn. J.A. Slater et al., 1969: 723). LT (J.A. Slater et al., 1969: 726): ♀, TA, Anping; DEIC.

Blissus kyushuensis Hidaka, 1959b: 106 (syn. J.A. Slater et al., 1969: 723). ST(S): ♂, JA, Kyushu, Fukuoka, Magaribuchi; KUEC.

Distr. AS: CH (SE) JA TA. EL: India.

Ref.: Esaki, 1926 (*Blissus gibbus*); J.A. Slater et al., 1969 (*Dimorphopterus*).

***Dimorphopterus japonicus* (Hidaka, 1959)**

Blissus japonicus Hidaka, 1959b: 100 (syn. J.A. Slater, 1974: 74, with *blissoides*; Josifov & Kerzhner, 1978: 145, with *spinolae*; restored by Vinokurov, 1988: 895 and Kerzhner, 1988: 78). HT: ♂, JA, Kyushu, Fukuoka Pref., Hikosan; KUEC.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE).

Ref.: Zheng & Zou, 1981a (as *spinolae*).

***Dimorphopterus latus* (Distant, 1909)**

Euhemerus latus Distant, 1909a: 331. LT (Péricart, 1999d: 82): ♂, India, Bombay; BMNH.

Distr. AS: CH (SW). EL: India.

Ref.: Distant, 1911a; Josifov & Kerzhner, 1978 (*Dimorphopterus*).

***Dimorphopterus lepidus* J.A. Slater, Ashlock & Wilcox, 1969**

Dimorphopterus lepidus J.A. Slater, Ashlock & Wilcox, 1969: 722. HT: ♂, S Thailand, Songkla; KUEC.

Distr. AS: CH (SW). EL: Thailand.

***Dimorphopterus nigripes* Zheng & Zou, 1981**

Dimorphopterus nigripes Zheng & Zou, 1981a: 60; 1982a: 425, 428. HT: ♂, CH (NO), Shandong; NKUM.

Distr. AS: CH (NO).

Note: See note under *Dimorphopterus exiguus*.

***Dimorphopterus pallipes* (Distant, 1883)**

Blissus pallipes Distant, 1883: 432. LT (Péricart, 1999d: 83): ♀, JA, Yokohama. BMNH.

Distr. AS: CH (SE) JA KO.

Ref.: Esaki, 1950 (fig.); Hidaka, 1959b (redescr.); J.A. Slater & Miyamoto, 1963 (*Dimorphopterus*).

***Dimorphopterus rectus* Zheng & Zou, 1981**

Dimorphopterus rectus Zheng & Zou, 1981a: 60; 1982a: 425, 429. HT: ♂, CH (CE), Jiangxi; TMNH.

Distr. AS: CH (CE).

Note: See note under *Dimorphopterus exiguus*.

***Dimorphopterus spinolae* (Signoret, 1857)**

?*Pachymerus brevicornis* Herrich-Schaeffer, 1850: 207 (syn. Lethierry & Severin, 1894: 165, suspected. ST(S): locality not given; lost.

Micropus spinolae Signoret, 1857: 30. STS: macr., FR; lost.

Dimorphopterus thoracicus Jakovlev, 1881: 210 (syn. Josifov & Kerzhner, 1978: 145, with *spinolae*; see note). LT (Josifov & Kerzhner, 1978: 145): ♀ (brach.), RU (FE), Vladivostok; ZMAS.

Dimorphopterus spinolae var. *geniculatus* Horváth, 1882a: 220. LT (Péricart, 1996a: 157): ♀ (macr.), RO, Mehadia; HNHM.

Distr. EU: AU BH BU CZ DE EK FR GE HU IT MD PL RO RU (CT ST) SK SL SV SZ

UK YU. AS: AB AK IN JA? KI KO! MG RU (ES FE WS) TD.

***Dimorphopterus sumatrensis* J.A. Slater, 1974**

Dimorphopterus sumatrensis J.A. Slater, 1974: 60, 77. HT: ♀, Indonesia, Sumatra, Fort de Kock; BMNH.

Distr. AS: CH (SE). EL: Indonesia (Sumatra).

***Dimorphopterus tenuicornis* Zheng & Zou, 1981**

Dimorphopterus tenuicornis Zheng & Zou, 1981a: 64; 1982a: 426, 430. HT: ♀, CH (SE), Hainan; NKUM.

Distr. AS: CH (SE).

Note: See note under *Dimorphopterus exiguus*.

Genus *Iphicrates* Distant, 1903

Iphicrates Distant, 1903c: 44. Type species by monotypy: *Iphicratus subauratus* Distant, 1903, Sri Lanka.

Anisosoma Bergroth, 1918: 69 (syn. J.A. Slater, 1961: 509). Type species by monotypy:

Anisosoma lativentris Bergroth, 1918, Philippines.

Ref.: J.A. Slater, 1961 (rev.), 1979a (rev.); J.A. Slater & O'Donnell, 1995 (World cat., suppl.).

***Iphicrates gressitti* J.A. Slater, 1966**

Iphicrates gressitti J.A. Slater, 1966a: 615. HT: ♂, TA, Tsaoshan (Sozan); BPBM.

Distr. AS: CH TA.

***Iphicrates hainanensis* Zheng & Zou, 1981**

Iphicrates hainanensis Zheng & Zou, 1981a: 68; 1982b: 69. HT: ♂, CH (SE), Hainan, Mt Wu-zhi; TMNH.

Distr. AS: CH (SE).

Note: See note under *Dimorphopterus exiguus*.

***Iphicrates spinicaput* (Scott, 1874)**

Ischnodemus spinicaput Scott, 1874: 426. LT (Péricart, 1999d: 85): JA; BMNH.

Distr. AS: CH (CE) JA.

Ref.: Distant, 1903a (*Iphicrates*); Zheng & Wang, 1987.

***Iphicrates weni* Zheng, 1986**

Iphicrates weni Zheng, 1986: 3, 6. HT: ♂, CH (SE), Guanxi, Guilin; Mid-Southern Forestry College, Zhu-zhou, Hunan, CH.

Distr. AS: CH (SE).

Genus *Ischnodemus* Fieber, 1837

Ischnodemus Fieber, 1837: 337. Type species by monotypy: *Ischnodemus quadratus* Fieber, 1837.

Micropus Spinola, 1837: 218 (junior homonym of *Micropus* Wolf, 1810, Aves; syn. Stål, 1860b: 248). Type species by monotypy: *Micropus genei* Spinola, 1837.

Thops Gistel, 1848: x. New name for *Micropus* Spinola, 1837.

Blissus (non Burmeister, 1835): Stål, 1865: 122 (as subjective synonym of *Ischnodemus* and *Micropus*).

Romicpus Reed, 1900: 66. New name for *Micropus* Spinola, 1837

Staphylocoris Stichel, 1958: 103 (as subgenus of *Ischnodemus*; syn. Wagner & J.A. Slater, 1964: 67). Type species by monotypy: *Ischnodemus caspius* Jakovlev, 1871.

Ref.: Péricart, 1999a (monogr.); V.G. Putshkov, 1958b (larva); J.A. Slater, 1979a (rev.); Stål, 1872.

***Ischnodemus aleocharoides* (Jakovlev, 1906)**

Dimorphopterus aleocharoides Jakovlev, 1906: 199. LT (Péricart, 1998b: 123): ♀, RU (FE), Nikolsk [= Ussuriysk]; ZMAS.

Distr. AS: RU (FE).

Ref.: J.A. Slater, 1979a (*Ischnodemus*).

***Ischnodemus caspius* Jakovlev, 1871**

Ischnodemus (Micropus) caspius Jakovlev, 1871: 26. LT (Péricart, 1998b: 124): ♂, RU (ST), nr Astrakhan; ZMAS.

Ischnodemus caspius f. *nigricornis* Stichel, 1958: 104.

Ischnodemus caspius f. *tetrica* Stichel, 1958: 104.

Distr. EU: BU CR GR RU (ST). **NA:** EG. **AS:** AB AF AK AT IN IQ IS KU SY TD TM UZ.

Ref.: V.G. Putshkov, 1958b (larva); Reuter, 1913 (redescr.).

***Ischnodemus dentatus* Wagner, 1963**

Ischnodemus dentatus Wagner, 1963b: 75. HT: ♀, AG, W region, Djebel Ouach; ZMUH.

Distr. NA: AG.

[*Ischnodemus discolor* (Walker, 1870)]

Micropus discolor Walker, 1870: 2379. ST(S): Eritrea, "Harkeko" [= Arkiko, nr Mitsiwa]; lost.

Distr.: Eritrea.

Ref.: Péricart, 1999a (foot note); Walker, 1872 (*Ischnodemus*).

Note: Species inquirenda, its type locality sometimes was misinterpreted as lying in EG.]

***Ischnodemus genei* (Spinola, 1837)**

Micropus genei Spinola, 1837: 221. HT (see Péricart, 1998c: 8): ♀, IT, Sardinia; lost.

Ischnodemus decurtatus (non Herrich-Schaeffer, 1837): Fieber, 1861a: 164.

Misidentification (see Puton, 1875a: 21).

Ischnodemus championi Saunders, 1876a: 103 (syn. Puton, 1878a: 41). HT: ♂ (brach.), GR, Cephalonia Is.; BMNH.

Distr. EU: FR GR IT PO SP. **NA:** AG MO TU. **AS:** AT IQ IS.

Note: Old citations from AU, GE, and HU should be confirmed.

***Ischnodemus jaxartensis* Reuter, 1885**

Ischnodemus jaxartensis Reuter, 1885b: 207, 209. LT (Péricart, 1997a: 66): ♀, "Turkestan"; MZHF.

Distr. AS: AK TD UZ.

***Ischnodemus noctulus* Distant, 1901**

?*Ischnodemus macrotomus* Bergroth, 1894e: 156 (syn. J.A. Slater et al., 1969: 714, suspected). ST(S): Borneo; lost?

Ischnodemus noctulus Distant, 1901b: 468. LT (Péricart, 1999d: 83): ♀, "Ceylon" [= Sri Lanka]; BMNH.

Ischnodemus nubilus J.A. Slater, 1964b: 108, 122 (syn. J.A. Slater et al., 1969: 714). HT: ♂, S Rhodesia [= Zimbabwe], Mashonaland, Salisbury; BMNH.

Distr. AS: CH (SE SW). **EL:** ?Borneo, Sri Lanka, Thailand, Vietnam, S Zimbabwe.

Ref.: Zheng & Zou, 1981a.

***Ischnodemus orientalis* Vinokurov & J.A. Slater, 1987**

Ischnodemus orientalis Vinokurov & J.A. Slater, 1987: 581. HT: ♂, CH (NE), station Maoershan, about 100 km E of "Kharbin" [= Harbin]; CASC.

Distr. AS: CH (NE) RU (FE).

Ref.: Zheng & Zou, 1981a (as *sabuleti*).

***Ischnodemus quadratus* Fieber, 1837**

Ischnodemus quadratus Fieber, 1837: 338. ST(S): IT, Sicily; lost?

Pachymerus parallelus A. Costa, 1842: 290 (syn. Scudder, 1957b: 15; confirmed by Péricart in Carapezza et al., 1995: 284). LT (Péricart in Carapezza et al., 1995: 284): ♀ (macr.), IT, Sicily, Palermo; ZIUN.

?*Rhyparochromus decurtatus* (non Herrich-Schaeffer, 1837): Lucas, 1849: 78. STS: AG, lac Tonga, nr "La Calle" [= El Kala]; lost?

Micropus sabuleti (non Fallén, 1826): Signoret, 1857: 29. Misidentification (see J. A. Slater, 1964a: 484).

Ischnodemus atlanticus Lindberg, 1932: 30 (syn. Tischler, 1960: 172, suspected). LT (Péricart, 1997a: 65): brach. ♂, MO, High Atlas, Reraïa valley; MZHF.

Distr. Owing to the confusions with *Ischnodemus sabuleti*, we can give only the distribution area of the complex *quadratus-sabuleti*, the southern limit concerning essentially *I. quadratus*. See below under *I. sabuleti*.

Ref.: Scudder, 1957b (discuss.); Tischler, 1960, 1963 (biol.).

Note: The validity of this species remains in discussion (see Péricart, 1999a: 271).

***Ischnodemus sabuleti* (Fallén, 1826)**

Lygaeus sabuleti Fallén, 1826: 9. STS: ♂, ♀, SV, nr Halmstad; MZLU?

Pachymerus decurtatus Herrich-Schaeffer, 1837: 10 (syn. Dohrn, 1859: 35). STS: GE, Leipzig; lost.

Ischnodemus sabuleti var. *brunnipennis* Rey, 1888b: 5. LT (Péricart, 1998a: 278): ♀, FR, Provence; MHNL.

Ischnodemus sabuleti f. *palustris* Carayon, 1944: 89. STS: FR, nr Arcachon; MNHN?

Distr. (including *I. quadratus*; the northern countries concern essentially *I. sabuleti*) EU: AL AU BE BH BU BY CR CZ DE EK ET FI FR GB GR HU IR IT LA 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 GG IS KI RU (ES WS) SY TD UZ.

Ref.: Leston, 1951 (notes); Pfaler, 1936 (biol.); V.G. Putshkov, 1958b (larva); J.A. Slater, 1960 (notes); Tischler, 1960 (biol.).

Note: Records from CH refer to *Ischnodemus orientalis* (Vinokurov & J.A. Slater, 1987).

***Ischnodemus sinuatus* J.A. Slater, Ashlock & Wilcox, 1969**

Ischnodemus sinuatus J.A. Slater, Ashlock & Wilcox, 1969: 706, 714. HT: ♂, Vietnam (south), Fyan; BPBM.

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

Ref.: G.Q. Liu & Zheng, 1992; Zheng & Zou, 1981a.

***Ischnodemus suturalis* Horváth, 1883**

Ischnodemus suturalis Horváth, 1883a: 26. LT (Péricart, 1996a: 157): ♀, AT, "Brussa" [= Bursa]; HNHM.

Distr. EU: ET YU. AS: AT IS SY.

Ref.: Protić, 1987; Reuter, 1885b.

***Ischnodemus yakuensis* (Hidaka, 1959)**

Blissus yakuensis Hidaka, 1959b: 103, 109. HT: ♂, JA, Kyushu, Yakushima, Onoaida; KUEC.

Distr. AS: JA.

Ref.: J.A. Slater & O'Donnell, 1995 (*Ischnodemus*).

Genus *Macropes* Motschulsky, 1859

Macropes Motschulsky, 1859: 108. Type species by subsequent designation (Distant, 1903a: 22): *Macropes spinimanus* Motschulsky, 1859.

Rhabdomorphus Bergroth, 1918: 68 (syn. J.A. Slater & Wilcox, 1973b: 213). Type species

- by monotypy: *Rhabdomorphus longurio* Bergroth, 1918 (= *Ischnodemus australis* Distant, 1901).
- Ref.: Distant, 1903a; J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (World cat., suppl.); Stål, 1874a.
- Macropes australis* (Distant, 1901)**
Ischnodemus australis Distant, 1901b: 468. LT (J.A. Slater & Ahmad, 1964: 23): ♂, N Australia, Port-Darwin; BMNH.
Rhabdomorphus longurio Bergroth, 1918: 69 (syn. J.A. Slater & Ahmad, 1964: 21). LT (J. A. Slater & Ahmad, 1964: 21): ♂, Philippines, Luzon, Baguio Benguet; USNM.
Distr. AS: CH (CE SE). EL: Australia, Philippines.
Ref.: J.A. Slater & Ahmad, 1964 (*Rhabdomorphus*); J.A. Slater & Wilcox, 1973b (*Macropes*).
- Macropes bambusiphilus* Zheng & Zou, 1982**
Macropes bambusiphilus Zheng & Zou, 1982c: 117, 120. HT: ♂, CH (SW), Yunnan, Mengla; NKUM.
Distr. AS: CH (SW).
- Macropes dentipes* Motschulsky, 1859**
Macropes dentipes Motschulsky, 1859: 108 (syn. by J.A. Slater & Wilcox, 1973b: 251, with *spinimanus* Motschulsky; restored by Kerzhner & Jansson, 1985: 40). LT (Kerzhner & Jansson, 1985: 39): ♂, "Ceylon" [= Sri Lanka]; ZMMU.
Macropes privus Distant, 1909a: 325 (syn. Kerzhner & Jansson, 1985: 40). LT (J.A. Slater & Wilcox, 1973b: 236): ♀, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.
Macropes abbreviatus Distant, 1918b: 187 (syn. J.A. Slater & Ahmad, 1967: 259, with *privus*). LT (Péricart, 1999d: 78): ♂, S India, Kodaikanal; BMNH.
Distr. AS: CH TA. EL: Sri Lanka.
Ref.: Zheng & Zou, 1981a (*privus*).
- Macropes exilis* J.A. Slater & Wilcox, 1973**
Macropes exilis J.A. Slater & Wilcox, 1973b: 217, 248, 251. HT: ♀, CH (SE), Fujian, Shaowu, Tachulan; BPBM.
Distr. AS: CH (SE).
- Macropes harringtonae* J.A. Slater, Ashlock & Wilcox, 1969**
Macropes harringtonae J.A. Slater, Ashlock & Wilcox, 1969: 674, 688. HT: ♀, CH (CE), "Chekiang" (= Zhejiang), Nanking; CASC.
Macropus sinicus Zheng & Zou, 1981a: 76; 1982b: 68, 70 (syn. Zheng in J.A. Slater & O'Donnell, 1995: 58). HT: ♂, CH (SE), Guanxi, Shang-lin; TNUM.
Distr. AS: CH (CE SE SW) TA.
- Macropes hoberlandti* J.A. Slater & Ahmad, 1967**
Macropes hoberlandti J.A. Slater & Ahmad, 1967: 255. HT: ♂, AF, Kutiau, Nuriostan; NMPC.
Distr. AS: AF.
- Macropes lobatus* J.A. Slater, Ashlock & Wilcox, 1969**
Macropes lobatus J.A. Slater, Ashlock & Wilcox, 1969: 682. HT: ♂, CH (SE), Hong Kong; BPBM.
Distr. AS: CH (SE). EL: Indonesia (Sumatra), Thailand, Vietnam.
- Macropes maai* J.A. Slater & Wilcox, 1973**
Macropes maai J.A. Slater & Wilcox, 1973b: 217, 247, 250. HT: ♀, CH (SE), Fujian, Shaowu, Tachulan; BPBM.
Distr. AS: CH (CE SE).

Ref.: Zheng & Zou, 1981a.

***Macropes major* Matsumura, 1913**

Macropes major Matsumura, 1913: 144. HT: ♂, TA, Tappan; EIHU.

Macropes fossor Bergroth, 1914b: 356 (syn. Esaki, 1926: 160). HT: ♀, TA, Kosempo [= Chiah sien]; MZHF.

Distr. AS: CH (CE SE SW) TA.

Ref.: Matsumura, 1931 (fig.); Zheng & Zou, 1981a.

***Macropes monticola* Hsiao & Zheng, 1981**

Macropes monticola Hsiao & Zheng in Zheng & Zou, 1981b: 151, 162. HT: ♂, CH (WP), Xizang [= Tibet], Nyalam, Zham; IZAS.

Distr. AS: CH (WP).

***Macropes obnubilus* (Distant, 1883)**

Ischnodemus obnubilus Distant, 1883: 431. LT (J.A. Slater & Wilcox, 1973b: 237): ♀, JA, Yokohama; BMNH.

Macropes hedini Lindberg, 1934a: 24 (syn. J.A. Slater & Ahmad, 1967: 258). LT: (Péricart, 1999d: 81): ♂, CH (SW), northeast Sichuan; NHRS.

Distr. AS: CH (SW) JA KO. EL: Guam Is., Vietnam.

Ref.: J.A. Slater et al., 1969; J.A. Slater & Miyamoto, 1963 (*Macropes*).

***Macropes pronotalis* Distant, 1918**

Macropes pronotalis Distant, 1918b: 186. LT: (J.A. Slater & Ahmad, 1964: 25): ♀, India, W Bengal, Annandale, Paresnath; BMNH.

Distr. AS: CH (SE). EL: India.

Ref.: Zheng & Zou, 1981a.

***Macropes raja* Distant, 1909**

Macropes raja Distant, 1909a: 323. LT (Péricart, 1999d: 84): ♂, India, Calcutta; BMNH.

Distr. AS: CH (SE). EL: India.

Ref.: Zheng & Zou, 1981a.

***Macropes robustus* Zheng & Zou, 1981**

Macropes robustus Zheng & Zou, 1981a: 75; 1982b: 68, 70. HT: ♂, CH (SE), Guangxi, Long-Zhou; TMNH.

Distr. AS: CH (SE).

***Macropes slateri* Zheng & Wang, 1987**

Macropes slateri Zheng & Wang, 1987: 66. HT: ♂, CH (SW), Yunnan, Mengla; NKUM.

Distr. AS: CH (SW).

***Macropes spinimanus* Motschulsky, 1859**

Macropes spinimanus Motschulsky, 1859: 108. LT (Kerzhner & Jansson, 1985: 40): ♀, "Ceylon" [= Sri Lanka]; ZMMU.

Ischnodemus centralis Walker, 1872: 132 (syn. Distant, 1901b: 466). LT (Péricart, 1999d: 79): ♂, "Ceylon" [= Sri Lanka]; BMNH.

Macropes leucodermus Breddin, 1907a: 46 (syn. J.A. Slater & Wilcox, 1973b: 251). LT (Péricart, 1999d: 82): ♂, "Ceylon" [= Sri Lanka], Bandarawella; DEIC.

Macropes sinhalanus Kirkaldy, 1907: 332 (syn. J.A. Slater & Wilcox, 1973b: 251, suspected). ST(S): "Ceylon" [= Sri Lanka], Peradeniya; lost?

Macropes singularis Distant, 1909a: 323 (syn. J.A. Slater et al., 1969: 692). LT (Péricart, 1999d: 84): ♀, "Ceylon" [= Sri Lanka]; BMNH.

Distr. AS: CH (SE). EL: Sri Lanka.

Ref.: J.A. Slater & O'Donnell, 1995; Zheng & Zou, 1981a.

Genus *Pirkimerus* Distant, 1903

- Pirkimerus* Distant, 1903a: 21. Type species by original designation: *Pirkimerus sesquipedalis* Distant, 1903, Burma, India.
Ischnomorphus Hidaka, 1961a: 255 (syn. J.A. Slater & Ahmad, 1965b: 313). Type species by monotypy: *Ischnomorphus japonicus* Hidaka, 1961.
Ref.: Bergroth, 1918 (Philippines); J.A. Slater & O'Donnell, 1995 (World cat., suppl.).

Pirkimerus esakii Miyamoto & Hidaka, 1960

Pirkimerus esakii Miyamoto & Hidaka, 1960: 44. HT: ♂, JA, Tokara Is, Nakanoshima; OMNH.

Distr. AS: JA.

Ref.: J.A. Slater & Ahmad, 1965b.

Pirkimerus japonicus (Hidaka, 1961)

Ischnomorphus japonicus Hidaka, 1961a: 255. HT: ♂, JA, Honshu, Kanagawa Pref., Noborito; KUEC.

Pirkimerus davidi J.A. Slater & Ahmad, 1965b: 320, 324 (syn. J.A. Slater, 1968: 275). HT: ♂, CH, "Kuatan"; USNM.

Distr. AS: CH (CE SE SW) JA. EL: Vietnam.

Ref.: Zheng & Zou, 1981a.

Pirkimerus pulcher G.Q. Liu & Zheng, 1992

Pirkimerus pulcher G.Q. Liu & Zheng, 1992: 269, 276. HT: ♀, CH (CE), Hunan, Lingxian Prov., Taoyun Dong; NKUM.

Distr. AS: CH (CE).

Subfamily HENESTARINAE Douglas & Scott, 1865

HENESTARINAE Douglas & Scott, 1865: 227 (Henestaridae). Type genus: *Henestaris* Spinola, 1837.

Ref.: Péricart, 1999a (monogr.); Putshkova, 1956 (eggs); J.A. Slater, 1964a (World cat.); Zheng & Dong, 1996 (morph.).

Genus *Engistus* Fieber, 1864

Engistus Fieber, 1864: 67. Type species by monotypy: *Engistus brucki* Fieber, 1864 (= *Ophthalmicus boops* Dufour, 1857).

Brachypterna Jakovlev, 1874a: 247 (syn. Puton, 1875a: 21). Type species by monotypy: *Brachypterna salina* Jakovlev, 1874.

Ref.: Péricart, 1999a (monogr.); J.A. Slater, 1964a (World cat.).

Engistus boops boops (Dufour, 1857)

Ophthalmicus boops Dufour, 1857: 70. LT (designated here): ♂, AG, "Bône" [= Annaba]; MNHN.

Ophthalmicus genei A. Costa, 1864: 107 (syn. Puton, 1875a: 21). LT (Péricart in Carapezza et al., 1995: 285): ♂, IT, Sardinia; ZIUN.

Engistus brucki Fieber, 1864: 68 (syn. Puton, 1874a: 226). ST(S): ♀, FR, nr Pau; lost?

Distr. EU: FR GR IT PO SP. NA: AG CI EG LB MO TU. AS: CY.

Engistus boops gracilicornis Linnavuori, 1960

Engistus boops gracilicornis Linnavuori, 1960: 33. HT: ♂, IS, Ein Gedi; NMWC.

Distr. AS: IS.

Engistus commendatorius Puton, 1878

Engistus commendatorius Puton, 1878b: 23. LT (Péricart, 1996b: 106): ♀, SP, Madrid; MNHN.

Distr. EU: SP.

***Engistus exsanguis exsanguis* Stål, 1872**

Engistus exsanguis Stål, 1872: 45. ST(S): ♀, AG, Biskra; lost?

Engistus unicolor Jakovlev, 1877a: 274, 284 (syn. Horváth, 1911a: 581). HT: ♀, RU (ST): Astrakhan; ZMAS.

Engistus exsanguis var. *conspurcatus* Horváth, 1911a: 581. LT (Péricart, 1996a: 154): ♂, TU, El Hagueuf; HNHM.

Engistus exsanguis var. *fasciatus* Horváth, 1911a: 581. LT (Péricart, 1996a: 154): ♀, TU, El Hagueuf; HNHM.

Engistus exsanguis f. *crocea* Priesner & Alfieri, 1953: 46. ST(S): EG; lost?

Engistus exsanguis f. *viridis* Priesner & Alfieri, 1953: 46. ST(S): EG; lost?

Distr. EU: GR RU (ST) SP UK! NA: AG CI EG LB MO TU. AS: AF AK AR IN IQ IS JO KI KU SA SI SY TD TM UZ YE. EL: Cabo Verde Is, Mauritania, W Pakistan, Sudan.

Note: Concerning the synonymy of *Engistus unicolor* see J.A. Slater & O'Donnell (1995: 64).

***Engistus exsanguis punctulatus* Linnavuori, 1953**

Engistus exsanguis punctulatus Linnavuori, 1953: 157. STS: ♂, ♀, TM, Repetek, Pereval; UZMT.

Distr. AS: TM.

***Engistus salinus* (Jakovlev, 1874)**

Brachypterna salina Jakovlev, 1874a: 248. ST(S): RU (ST) nr Astrakhan and "Bogdo"; lost.

Engistus marmoratus Jakovlev, 1902a: 13 (syn. Kerzhner in Kerzhner & Jaczewski, 1964: 797). LT (Péricart, 1998b: 125): ♂, UK, Crimea, Evpatoria; ZMAS.

Distr. EU: EK GR RU (ST) UK. AS: AB AK AR CH (NO) MG TD TM UZ.

Ref.: Kiritshenko, 1951a; Putshkova, 1956 (eggs); Zheng & Dong, 1996 (morph.).

Genus *Henestaris* Spinola, 1837

Henestaris Spinola, 1837: 228. Type species by monotypy: *Henestaris genei* Spinola, 1837 (= *Heterogaster laticeps* Curtis, 1836).

Ref.: Péricart, 1992 (nomencl., syn.); 1999a (monogr.); J.A. Slater, 1964a (World cat.); Wagner, 1967a (rev.).

***Henestaris halophilus* (Burmeister, 1835)**

Cymus halophilus Burmeister, 1835: 292. LT (Péricart, 1992: 250): ♀, GE, Brandenburg, Erdeborn; ZMHB.

?*Henestaris geocoriceps* D'Antessanty, 1885: 112 (syn. Horváth, 1889a: 326). STS: FR, Loire-Atlantique, La Bernerie; lost?

Henestaris cremeus Kiritshenko, 1924b: 4 (syn. Péricart, 1994a: 94). LT (Péricart, 1994a: 94): ♀, AT, E Anatolia, Armenia, nr "Chnis-kala"; ZMAS.

Distr. EU: AL AU BH BU CR CZ EK FR GB GE GR HU IT MD RO RU (ST) SK SL SP UK. NA: MO. AS: AB AK AR AT CH (NE NW) GG IN KI MG RU (ES WS) SY TD TM UZ.

***Henestaris irroratus* Horváth, 1892**

Henestaris irroratus Horváth, 1892a: 136. LT (Péricart, 1992: 251): ♂, FR, Hérault, Palavas; HNHM.

Distr. EU: BU? FR PO SP.

Ref.: Péricart, 1992 (nomencl.).

***Henestaris kareli* Hoberlandt, 1956**

Henestaris kareli Hoberlandt, 1956: 109. HT: ♀, AT, Mogan gölü; NMPC.

Distr. AS: AT.

***Henestaris laticeps laticeps* (Curtis, 1836)**

Lygaeus lineola Curtis, 1831: text to pl. 199 (syn. Curtis, 1836: 597). Nomen nudum.

Heterogaster laticeps Curtis, 1836: text to pl. 597. STS: GB; MVMA?

Henestaris genei Spinola, 1837: 230 (syn. Douglas & Scott, 1865: 229). LT (Péricart, 1992: 247): ♂, FR, Marseilles; MSNT.

Henestaris spinolae A. Costa, 1839: 141 (syn. A. Costa, 1842: 304). LT (Péricart in Carapezza et al., 1995: 286): ♀, Miseno, nr Naples; ZIUN.

Henestaris hispanus Rambur, 1839: 145 (syn. A. Costa, 1842: 304). LT (Péricart, 1992: 248): ♀, SP, Granada; BMNH.

Heterogaster oculatus Motschulsky, 1863: 78 (syn. Kiritschenko, 1915b: 300). LT (Kerzhner & Jansson, 1985: 39): ♀, AG; ZMMU.

Henestaris curtulus Horváth, 1911c: 106 (syn. Péricart, 1992: 250). LT (Péricart, 1992: 248): ♂, GR, Attica; HNHN.

Henestaris cypriacus Wagner, 1949a: 16 (syn. Wagner, 1967a: 140, with *curtulus*). HT: ♀, CY, Akrotiri; ZMUH.

Henestaris oboussierae Wagner, 1954c: 157 (syn. Péricart, 1992: 250). HT: ♂, SP, Balearic Is, Pityusa Is.; ZMUH!

Distr. EU: AL BH BU CR FR GB GR IT MA PO SP SZ? NA: AG EG LB MO TU. AS: AT CY IQ SY. EL: Djibouti!

Ref.: Butler, 1923; Southwood, 1957.

***Henestaris laticeps wagneri* Lindberg, 1960**

Henestaris wagneri Lindberg, 1960: 8 (downgraded by Péricart, 1992: 250). HT: ♂, CI, Tenerife, Las Calletas; MZHF.

Distr. NA: CI.

***Henestaris oschanini* Bergroth, 1917**

Henestaris oschanini Bergroth, 1917: 3. ST(S): ♂, CH (NE), Mandchuria, "Charbin" [= Harbin]; MZHF.

Distr. AS: CH (NE NO NW) KO! MG.

Ref.: Zheng & Dong, 1996 (morph.); Zheng & Zou, 1981a.

***Henestaris thoracicus* K. Schmidt, 1939**

Henestaris thoracicus K. Schmidt, 1939a: 369. STS: ♂, ♀, EG, Burg el Arab; Ministry of Agriculture, Cairo, EG.

Distr. EU: IT (Lampedusa Is.). NA: EG TU.

Ref.: Péricart, 1992 (nomencl.); Priesner & Alfieri, 1953.

Subfamily GEOCORINAE Dahlbom, 1851

GEOCORINAE Dahlbom, 1851: 217 (Geocoridae). Type genus: *Geocoris* Fallén, 1814.

OPHTHALMICIENS Fairmaire, 1884: 48. Type genus: *Ophthalmicus* Schilling, 1829 (= *Geocoris* Fallén, 1814).

GERMALINAE Montandon, 1907a: 90. Type genus: *Germalus* Stål, 1862, placed in Geocorinae by Stål, 1865: 142.

Ref.: Péricart, 1999a (monogr.); J.A. Slater, 1964a (World cat.).

Genus *Geocoris* Fallén, 1814

Geocoris Fallén, 1814: 10. Type species by subsequent designation (Oshanin, 1912: 30): *Cimex grylloides* Linnaeus, 1761.

Salda (non Fabricius, 1803): Latreille, 1825: 422 (syn. Latreille, 1825: 422; see also Opinion 245, 1954).
Ophthalmicus Schilling, 1829: 37, 62 (syn. Hahn, 1833: 233). Type species by subsequent designation (A. Costa: 1843a: 293): *Cimex grylloides* Linnaeus, 1761.
 Ref.: Kerzhner, 1979c; Linnavuori, 1972 (subg. division); Péricart, 1999a (monogr.); V.G. Putshkov, 1958a (larva); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (World cat., suppl.)

Subgenus *Eilatus* Linnavuori, 1972

Eilatus Linnavuori, 1972: 103 (as subgenus of *Geocoris*). Type species by original designation: *Piocoris confalonierii* Bergevin, 1932.

Ref.: Péricart, 1999a (monogr.).

Geocoris aspasia Linnavuori, 1972

Geocoris aspasia Linnavuori, 1972: 106. HT: ♀, TM, well Kirpili, central Karakum; ZMAS.

Geocoris laevicollis Linnavuori, 1972: 106 (syn. Kerzhner, 1979c: 69). HT: ♀, IN (southeast), Bempur-Kaskin; ZMAS.

Distr. AS: IN TD TM UZ.

Geocoris chloroticus Puton, 1888

Geocoris chloroticus Puton, 1888: 103. HT: ♀, PO, Vila Real; MNHN.

Geocoris nigriceps Reuter, 1891a: 140 (syn. Péricart & Ribes, 1992: 80). LT (Péricart & Ribes, 1992: 80): ♀, EG, Suez; MZHF.

Geocoris henoni Puton, 1892b: 26 (syn. Montandon, 1914: 236, with *nigriceps*; upgraded to subspecies of *nigriceps* by Linnavuori, 1972: 104; syn. Péricart & Ribes, 1992: 80). LT (Péricart, 1996b: 107): ♂, EG, Suez; MNHN.

Geocoris paradoxus Linnavuori, 1953: 159 (syn. Kerzhner, 1979c: 68, with *nigriceps*). HT: ♀, TM; AMNH.

Distr. EU: PO SP. NA: AG CI EG LB MO SP TU. AS: AF AK IN IQ IS JO KU SA SI SY TM UZ YE. EL: Cabo Verde Is, India, Sudan.

Geocoris confalonierii (Bergevin, 1932)

Piocoris confalonierii Bergevin, 1932c: 425. HT: ♀, LB, Kufra, El Tallab; MCSN.

Geocoris massoni Villiers, 1956: 840 (syn. Linnavuori, 1972: 104). HT: ♀, Mauritania, Chinguetti; MNHN.

Piocoris confalonierii Stichel, 1959: 321. Lapsus.

Geocoris tanninimensis Linnavuori, 1960: 36 (syn. Péricart, 1994a: 95). HT: ♀, IS, Tanninim; NMWC.

Distr. NA: LB. AS: IS SI. EL: Mauritania, Sudan.

Ref.: Linnavuori, 1972 (*Eilatus*).

Geocoris danacilicus Linnavuori, 1978

Geocoris (Eilatus) danacilicus Linnavuori, 1978: 62. HT: ♀, Sudan, Kassala, Erkovit; AMNH.

Distr. AS: YE. EL: Sudan, Somalia.

Geocoris hirticornis Jakovlev, 1882

Geocoris hirticornis Jakovlev, 1882a: 355. HT: ♂, IN, nr Shahrud; ZMAS.

Geocoris tuberculifrons Jakovlev, 1890: 554 (syn. Kerzhner, 1979c: 69). LT (Kerzhner, 1979c: 69): ♀, CH (NW), Inner Mongolia, Edzin Gol [= Ruo Shui] valley, Khara-Sukhoy [= Ha-su-Hai]; ZMAS.

Geocoris paradoxus var. *punctiger* Linnavuori, 1953: 159 (syn. Kerzhner, 1979c: 69). HT: ♀, TM; AMNH.

Distr. AS: AK CH (NW) IN MG TD TM UZ.

Ref.: Linnavuori, 1972 (*Eilatus*).

***Geocoris pulchricornis pulchricornis* Linnavuori, 1960**

Geocoris pulchricornis Linnavuori, 1960: 36. HT: ♂, IS, Eilat; AMNH.

Distr. AS: IS SA.

Ref.: Linnavuori, 1972 (*Eilatus*).

***Geocoris pulchricornis calligonii* Linnavuori, 1972**

Geocoris calligonii Linnavuori, 1972: 104, 105 (downgraded by Linnavuori, 1986: 83).

HT: ♀, YE (south), Lahej-Dhala road; AMNH.

Distr. AS: SA YE.

Subgenus *Geocoris* Fallén, 1814

***Geocoris acuticeps* Signoret, 1881**

Geocoris acuticeps Signoret, 1881a: 60. LT (Péricart, 1998c: 8): ♀, EG; NHMW.

Geocoris acuticeps var. *falsatus* Montandon, 1917: 50 (junior primary homonym of

Geocoris arenarius var. *falsatus* Montandon, 1914). STS: EG, Gizeh; "Biela"; USNM (1 ST). See note below.

Geocoris acuticeps f. *fallax* Stichel, 1959: 321. New name for *falsatus* Montandon, 1917.

Geocoris pretiosus Kiritshenko, 1959b: 103 (syn. Kerzhner, 1979c: 56). Nomen nudum.

Distr. EU: GR MA. NA: EG LB. AS: IN IQ IS KU SA TD TM UZ YE. EL: Sudan.

Note: The forma *fallax*, considered here as a simple colour variation, was not checked. It may concern another African taxon.

***Geocoris aethiops* Distant, 1901**

Ophthalmicus ruficeps (non Germar, 1838): Dallas, 1852: 584. Misidentification (see Distant, 1901b: 469).

Geocoris aethiops Distant, 1901b: 469. For *ruficeps* sensu Dallas, 1852. STS: Sierra Leone and Nigeria (Calabar); BMNH.

Distr. AS: YE. EL: Nigeria, Sierra Leone, W Africa.

***Geocoris anticus* Péricart, 1994**

Geocoris (Geocoris) anticus Péricart, 1994a: 99. HT: ♂, EG, Cairo; MNHN.

Distr. NA: EG. AS: IS SY.

***Geocoris apertus* Kerzhner, 1979**

Geocoris apertus Kiritshenko, 1951b: 191; 1964: 161. Nomen nudum.

Geocoris (Geocoris) apertus Kerzhner, 1979c: 65. HT: ♂, TD, Dushanbe; ZMAS.

Distr. AS: KI TD UZ.

***Geocoris arenarius* (Jakovlev, 1867)**

Ophthalmicus arenarius Jakovlev, 1867: 151. LT (Kerzhner, 1979c: 64); ♂, RU (ST), Astrakhan; ZMAS.

Ophthalmicus arenarius var. *albidus* Jakovlev, 1871: 31 (syn. Kerzhner, 1979c: 64). LT (Kerzhner, 1979c: 64): ♂, RU (ST), Astrakhan; ZMAS.

Geocoris apprimus Kiritshenko, 1952a: 172. LT (Kerzhner, 1979c: 64): ♂, TD, W Pamir, between Kalai-Vamar [= Rushan] and Barzul, Pyandzh River; ZMAS.

Distr. EU: EK GR HU IT MD RO RU (ST) SK UK YU. AS: AB? AK AR? CH (NW) MG RU (ES FE WS) TD UZ.

Note: According to Kerzhner (1979c) records from IS, SY, EG, IN, and probably AT are erroneous and probably concern *G. fedtschenkoi*.

***Geocoris ater* (Fabricius, 1787)**

Acanthia atra Fabricius, 1787: 278. HT: ♀, FR; ZMUC.

Salda albipennis Fabricius, 1803: 114 (syn. Puton, 1886a: 23; restored by Reuter, 1890b: 249; syn. Montandon, 1907b: 312). HT: AU; NHMW.

Ophthalmicus dispar (non Waga): De Graaf et al., 1860: 180 (partly). Misidentification.
Acanthia nigra Walckenaer, 1802: 338. Lapsus or unnecessary new name for *atra*
Fabricius, 1787.

Lygaeus unistria Latreille, 1804: 219 (syn. Latreille, 1804: 219). STS: FR, GE; lost?
Salda stevenii Lepeletier & Serville, 1825: 321 (syn. Baerensprung, 1860: 11, with
albipennis). STS: EU; lost?

Ophthalmicus albobittatus A. Costa, 1864: 99, 107 (syn. Puton, 1875a: 22, with
albipennis). LT (Péricart in Carapezza et al., 1995: 285): ♀, IT, Parma; ZIUN.

Ophthalmicus albipennis var. *costalis* Ferrari, 1874: 155. LT (Péricart, 1998a: 276): ♂,
IT, Stazzano; MCSN.

Ophthalmicus albipennis var. *humeralis* Ferrari, 1874: 155. STS: IT, Genova, Stazzano;
lost?

Ophthalmicus albipennis var. *pallescent* Ferrari, 1874: 155. LT (Péricart, 1998a: 276):
♀, IT, Stazzano; MCSN.

Geocoris albipennis var. *ataenius* Puton in Puton & Noualhier, 1895: 171. LT (designated
here): ♀, AT, "Akbès" [= Ekbaz]; MNHN.

Geocoris ater f. *slovenica* Roubal, 1961a: 703 (unavailable name). ST(S): SK, Kováčov;
SNMC?

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 RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AF
AK AR AT CH (NO? NW) CY GG IN IQ IS JO KI LE MG RU (ES FE WS) SY TD
TM UZ.

***Geocoris cardinalis* Puton, 1874**

Geocoris cardinalis Puton, 1874b: 452. LT (Péricart, 1996b: 106): ♂, AG, Biskra;
MNHN.

Geocoris cardinalis var. *putoni* Montandon, 1907b: 321. ST(S): AG, Jahrez Chergin;
lost?

Distr. NA: AG MO TU. AS: SA.

Ref.: Reuter, 1900b (redescr.).

***Geocoris chinai* Kiritschenko, 1931**

Geocoris chinai Kiritschenko, 1931b: 363. HT: ♀, CH (WP), S Tibet, Shekar,
14,500 ft; BMNH.

Distr. AS: CH (WP).

Ref.: Wu, 1935.

***Geocoris chinensis* Jakovlev, 1904**

Geocoris (*Piocoris*) *chinensis* Jakovlev, 1904a: 170 (syn. by Kerzhner, 1979c: 56, with
ochropterus Fieber; restored by Zheng & Zou, 1981a: 82). LT (Kerzhner,
1979c: 56): ♀, CH (SW), Sichuan, Fou-tschan; ZMAS.

Distr. AS: CH (SW).

Note: See note under *ochropterus*.

***Geocoris collaris* Puton, 1878**

Geocoris thoracicus Puton, 1874b: 452 (junior secondary homonym of *Ophthalmicus*
thoracicus Fieber, 1861). LT (Péricart, 1996b: 107): ♂, AG, Biskra; MNHN.

Geocoris thoracicus var. *confluens* Lethierry & Puton, 1876: 28. LT (Péricart, 1996b:
107): ♀, AG, Biskra; MNHN.

Geocoris collaris Puton, 1878a: 42. New name for *thoracicus* Puton, 1874.

Geocoris collaris var. *dolosus* Montandon, 1907b: 323. ST(S): AG; lost?

Geocoris collaris var. *vestitus* Montandon, 1917: 47. HT: EG; lost?

Distr. NA: AG CI EG LB MO TU. AS: IQ IS SA SI YE. EL: Ethiopia, Somalia, W
Pakistan.

***Geocoris desertorum* (Jakovlev, 1871)**

Ophthalmicus desertorum Jakovlev, 1871: 30. LT (Kerzhner, 1979c: 67): ♂, RU (ST), Astrakhan; ZMAS.

Geocoris maurus Jakovlev, 1883a: 15 (syn. Kerzhner, 1979c: 67). LT (Kerzhner, 1979c: 67): ♂, TM, Krasnovodsk; ZMAS.

Geocoris alaiensis Reuter, 1885b: 211 (syn. Kerzhner, 1979c: 67). STS: KI, "Alai Mts"; lost?

Geocoris curtulus Kiritshenko, 1952a: 172 (syn. Kerzhner, 1979c: 67). LT (Kerzhner, 1979c: 67): ♀, TD, W Pamir, "Kalai-Vamar" [= Rushan], nr Pyandzh River; ZMAS.

Geocoris alaiensis var. *fallax* Kiritshenko, 1964: 150 (unavailable name). STS: TD, locality Kvak N of Dushanbe; ZMAS.

Distr. EU: EK RU (ST) UK. NA: AG EG! AS: AK AR CH (NW) KI MG RU (ES) TD TM UZ.

Ref.: Kiritshenko, 1948 (biol.).

***Geocoris dispar* (Waga, 1839)**

Ophthalmicus dispar Waga, 1839: 523. STS: PL (northeast), Augustow; lost?

Ophthalmicus ullrichii Fieber, 1844: 122 (syn. Baerensprung, 1858a: 81). STS: AU; lost?

Geocoris ulrichi Stål, 1874a: 134. Lapsus.

Geocoris dispar f. *neglecta* Stichel, 1958: 120.

Distr. EU: AU BY CR CZ EK EN! FI FR GE HU LA MD PL RO RU (CT NT ST) SK SV UK YU. AS: AK KI? RU (WS).

Ref.: Fieber, 1861a.

Note: Records from MG and RU (ES) refer to *Geocoris itonis*.

***Geocoris dubreuii* Montandon, 1909**

Geocoris dubreuii Montandon, 1909: 128. LT (Péricart, 1999d: 80): ♀, S India, Madura Distr., Shembaganur; BMNH.

Distr. AS: CH (SW). EL: India.

Ref.: Zheng & Zou, 1981a.

***Geocoris fedtschenkoi* Reuter, 1885**

Geocoris fedtschenkoi Reuter, 1885b: 212. ST(S): ♀, UZ, Tashkent; MZHF.

Geocoris megacephalus var. *villosulus* Montandon, 1907b: 314 (syn. Péricart, 1999a: 343, suspected). STS: AG (Oran, Biskra) and TU (Djebel Mrhila); lost?

Geocoris arenarius var. *ictericus* Montandon, 1913a: 57 (syn. Kerzhner, 1979c: 61). STS: TM, "Transcaspia"; lost?

Geocoris diversicornis Kiritshenko, 1914a: 408 (syn. Kerzhner, 1979c: 62, with *fedtschenkoi*). HT: ♂, UZ, Termez; ZMAS.

Geocoris arenarius var. *lautus* Montandon, 1914: 235 (syn. Kerzhner, 1979c: 62, suspected) HT: EG, Tourah; lost?

Geocoris arenarius var. *falsatus* Montandon, 1914: 236 (syn. Kerzhner, 1979c: 62). ST(S): UZ, Termez; lost?

Distr. NA: AG EG LB TU. AS: AB AK AR IQ IS KI SA SY TD TM UZ.

[*Geocoris flaviceps flaviceps* (Burmeister, 1834)]

Salda (Ophthalmicus) flaviceps flaviceps Burmeister, 1834: 301. ST(S): Philippines, Luzon; ZMHB?

Geocoris (Ophthalmicus) annulicornis Signoret, 1880: 539 (syn. Montandon, 1908a: 214) ST(S): New Guinea, Andai; MCSN?

Geocoris flaviceps var. *conjugator* Montandon, 1908a: 214. STS: "Soudan français", Guinea-Bissau (Bolamo Is.) and Cameroon; MCSN?

Distr.: Afrotropical and Oriental Regions.]

***Geocoris flaviceps fenestellus* Breddin, 1901**

Geocoris fenestellus Breddin, 1901b: 10 (downgraded to var. of *annulicornis* by Montandon, 1907b: 87). LT (Gaedike, 1971: 116; Péricart, 1999d: 81): ♀, Borneo, Mt Kinabalu; DEIC.

Geocoris splendidus Distant, 1903a: 30 (syn. Montandon, 1907c: 87). STS: Burma (Karenne) and "Siamere Malay states" [= Thailand]; MCSN, BMNH?

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

Ref.: Esaki, 1926; Zheng & Zou, 1981a.

***Geocoris grylloides* (Linnaeus, 1761)**

Cimex grylloides Linnaeus, 1761: 246. HT: ♀!, SV, Calmaria [= Kalmar Prov.]; LSUK.

Geocoris grylloides f. *simulans* Wagner, 1948a: 202. HT: ♂, GE (northwest); ZMUH.

Geocoris grylloides f. *incompleta* Stichel, 1958: 120.

Distr. EU: AL AN AU BE BU BY CZ DE EK EN FR GE HU IT LA LS LT LU MD NL PL RO RU (CT ST) SK SP SV SZ UK YU. AS: AK AR AT CH (NO NW) IN MG RU (ES FE WS).

***Geocoris hirsutus* Montandon, 1907**

Geocoris hirsutus Montandon, 1907b: 324. ST(S): India, lost?

Distr. AS: CH (SW). EL: India.

Ref.: Zheng & Zou, 1981a.

***Geocoris hispidulus* Puton, 1874**

Geocoris hispidulus Puton, 1874b: 452. LT (Péricart, 1996b: 107): ♀, AG, Biskra; MNHN.

Distr. NA: AG EG TU. AS: IQ IS SY. EL: tropical Africa.

***Geocoris hui* Zheng & Zou, 1987**

Geocoris hui Zheng & Zou, 1987: 85. HT: ♂, CH (WP), Xizang [= Tibet], Nilam, Gucuo; NKUM.

Distr. AS: CH (WP).

***Geocoris itonis* Horváth, 1905**

Geocoris itonis Horváth, 1905a: 414. LT (Péricart, 1996a: 155): ♀, JA, Sapporo; HNHN.

Geocoris lynceus Lindberg, 1924: 37 (syn. nov.). HT: ♀, RU (ES), Irkutsk; MZHF.

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

Ref.: Esaki, 1950 (fig.); Van Duzee, 1928a (*Hypogeocoris*); Zheng & Zou, 1981a.

***Geocoris jucundus* (Fieber, 1861)**

Ophthalmicus jucundus Fieber, 1861b: 270. ST(S): "Ostindien" [= India or Indonesia].

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

Ref.: Stål, 1874a (*Geocoris*); Wu, 1935; Zheng & Zou, 1981a.

***Geocoris lapponicus* Zetterstedt, 1838**

Geocoris albipennis (non Fabricius, 1787): Fallén, 1829: 70. Misidentification (see Fieber, 1861b: 272).

Geocoris lapponica Zetterstedt, 1838: 266. LT (Péricart, 1997a: 71): ♂, SV, Lappland, "Lycksele"; MZLU.

Ophthalmicus megacephlus [sic] (non Rossi, 1790): Fieber, 1861b: 282.

Misidentification (see J.A. Slater, 1964a: 557).

Geocoris turkestanicus Jakovlev, 1889b: 329 (syn. Kerzhner, 1979c: 57). STS?: ♂, ♀; ZMAS (see note).

Geocoris megalcephalus (non Rossi, 1790): Hofmänner, 1924: 64. Misidentification (see J.A. Slater, 1964a: 557).

Geocoris lapponicus var. *rosea* Cerutti, 1937: 169. HT (see Dethier, 1974: 670, as LT): SZ, Valais, Ferret, col de Fenêtre; MZLS?

Distr. EU: AN AU EN FI FR IT LA LT MC NR RU (CT NT) SP SV SZ. AS: AT CH (NW) GG MG RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.); Zheng & Zou, 1981a.

Note: Kerzhner (1979c: 57) argues that there is a high probability that syntypes of *turkestanicus* were collected not in "Turkestan" but in the St. Petersburg area.

***Geocoris limbatellus* Horváth, 1895**

Geocoris limbatellus Horváth, 1895b: 222 (downgraded to variety of *lapponicus* by Montandon, 1907b: 322; restored by Kerzhner, 1979c: 63). LT (Kerzhner, 1979c: 63): ♀, KI, Alai; MNHN.

Distr. AS: AK KI TD TM UZ.

***Geocoris lineola lineola* (Rambur, 1839)**

Ophthalmicus lineola Rambur, 1839: 146. LT (designated here): ♀, SP, Andalusia, San Roque; BMNH.

Ophthalmicus lineola A. Costa, 1843a: 312 (junior primary homonym of *Ophthalmicus lineola* Rambur, 1839; syn. Fieber, 1861b: 274). LT (Péricart in Carapezza et al., 1995: 285): ♂, IT, Naples; ZIUN.

Ophthalmicus distinctus Fieber, 1861a: 177 (syn. Puton, 1875a: 22. STS: ♂, ♀, CR and SP; lost?

Geocoris erythrophthalmus Reuter, 1880: 9 (syn. Josifov, 1987: 3). HT: ♀, "Balcan"; MZHF.

Geocoris lineola var. *infuscatus* Montandon, 1907b: 326. LT (designated here): ♂, IT, Giglio Is.; MCSN.

Distr. EU: AL BH BU FR GR IT PO SP YU. NA: AG CI EG LB MR MO TU. AS: AT CY IN IQ IS SA SY YE.

***Geocoris lineola cognatus* (Fieber, 1861)**

Ophthalmicus cognatus Fieber, 1861b: 274 (downgraded by Linnavuori, 1978: 59). ST(S): ♀, S Africa, Cape Prov.; ZMHB?

Geocoris lineola var. *notabilis* Montandon, 1907c: 93 (syn. Linnavuori, 1978: 59). HT: Eritrea, Ghinda; MCSN.

Distr. AS: SA YE. EL: tropical and S Africa.

***Geocoris megacephalus* (Rossi, 1790)**

Cimex megacephalus Rossi, 1790: 245. ST(S): IT; lost?

Ophthalmicus pallidipennis Amyot & Serville, 1843: 261 (senior primary homonym of *pallidipennis* A. Costa, 1843; syn. Baerensprung, 1858a: 80, with *siculus*). ST(S): FR (southwest), Saint-Sever; lost?

Ophthalmicus siculus Fieber, 1844: 117 (syn. Montandon, 1907b: 316; Tamanini, 1981: 89). STS: IT, Sicily; ZMAS (1 ST), ZMUM (fragments of 1 ST).

Geocoris angularis (non Fieber, 1844): Kolenati, 1845: 94. Misidentification (see Fieber, 1861a: 176).

Ophthalmicus albipennis (non Fabricius, 1803): A. Costa, 1847a: 28. Misidentification (see Baerensprung, 1858a: 80).

Ophthalmicus occipitalis Dufour, 1857: 70 (syn. Puton, 1875a: 22, with *siculus*). LT (Péricart, 1999a: 337): ♀, AG; MNHN.

Ophthalmicus dispar (non Waga, 1839): De Graaf et al., 1860: 180 (partly). Misidentification

Ophthalmicus persicus Ferrari, 1874: 154 (syn. Péricart, 1994a: 95). LT (Péricart, 1994a: 94): ♂, IN; MCSN.

Ophthalmicus pallidipennis (non A. Costa): Vollenhoven, 1878: 135. Misidentification

- (see Fokker, 1884: 115).
- Geocoris sculus* var. *mediterranea* Puton, 1878b: 25 (syn. Montandon, 1907b: 315; Tamanini, 1981: 91). LT (Péricart, 1999a: 337): ♀, FR, Corsica; MNHN.
- Distr. EU: AL AU BE BH BU CR FR GE GR HU IT MA MC NL PO RO RU (ST) SL SP YU. NA: AG EG LB MO TU. AS: AB AF AR AT CY GG IN IQ IS JO KI SY TD TM UZ.
- Ref.: Grozeva & Kuznetsova, 1993 (chromosomes); Tamanini, 1981 (distr.).
- Geocoris minusculus* Kerzhner & Josifov, 1966**
- Geocoris variabilis minusculus* Kerzhner & Josifov, 1966: 631 (upgraded by Kerzhner, 1979c: 58). HT: ♂, MG, western foothills of Ikhe-Bogdo, Gobi-Altai; ZMAS.
- Distr. AS: MG.
- Geocoris mongolicus* Horváth, 1901**
- Geocoris mongolicus* Horváth, 1901a: 261 (syn. Montandon, 1907b: 321, with *lapponicus*; upgraded to subspecies by Kerzhner, 1979c: 58; restored to species rank by Kerzhner, 1993: 101). STS: ♂, ♀, MG, Urga [= Ulan Bator]; HNHM?
- Distr. AS: AK MG RU (ES WS).
- Geocoris montandoniellus* Kiritschenko, 1915**
- Ophthalmicus luridus* (non Fieber, 1844): Ferrari, 1874: 153. Misidentification (see Montandon, 1913b: 249).
- Geocoris montandoniellus* Kiritschenko, 1915c: 92; 1922: 14. For *luridus* sensu Ferrari, 1874. HT: IN; MCSN?
- Distr. AS: IN.
- Ref.: Montandon, 1913b (discussion).
- Geocoris montanus* Zheng, 1981**
- Geocoris montanus* Zheng in Zheng & Zou, 1981b: 152, 162. HT: ♀, CH (WP), Xizang [= Tibet], Burang, Lang-ma-la-ba, 5400 m; IZAS.
- Distr. AS: CH (WP).
- Geocoris ningal* Linnavuori, 1984**
- Geocoris ningal* Linnavuori, 1984: 10. HT: ♀, IQ, Al-Muthanna; NMWC.
- Distr. AS: IQ.
- Geocoris ochropterus* (Fieber, 1844)**
- Cimex tricolor* Fabricius, 1798: 536 (junior primary homonym of *Cimex tricolor* Fabricius, 1787; syn. Distant, 1903a: 29). LT (Péricart, 1999d: 85): ♀, E India; ZMUC.
- Ophthalmicus ochropterus* Fieber, 1844: 117. STS: India; ZMAS, ZMUM (fragments).
- Geocoris marginicollis* Dohrn, 1860a: 405 (syn. Distant, 1901b: 469). ST(S): "Ceylon" [= Sri Lanka]; lost.
- Ophthalmicus cinerascens* Walker, 1872: 138 (syn. Distant, 1901b: 469). STS: ♂, India; BMNH.
- Distr. AS: CH (CE SE SW WP) TA. EL: Oriental Region.
- Ref.: Distant, 1903a.
- Note: Kerzhner (1979c) synonymized *G. chinensis* with this species, and gave argumentation for the case. Zheng & Zou (1981a) considered *G. ochropterus* and *G. chinensis* as different species, both present in CH; Kerzhner (1993: 101) retained this opinion.
- Geocoris oschanini* (Jakovlev, 1871)**
- Ophthalmicus oschanini* Jakovlev, 1871: 27. LT (Kerzhner, 1979c: 56): ♂, RU (ST), Astrakhan; ZMAS.
- Geocoris oshanini* [sic] f. *jakowlewi* Stichel, 1958: 121.

Distr. EU: RU (ST). AS: AK IN MG RU (ES) TD UZ.

***Geocoris pallidicornis* Kerzhner, 1979**

Geocoris pallidicornis Kerzhner, 1979c: 51, 59. HT: ♂, MG, Dzabkhan aymak, 15 km WNW of Urgamal; ZMAS.

Distr. AS: MG.

***Geocoris pallidipennis pallidipennis* (A. Costa, 1843)**

Ophthalmicus pallidipennis A. Costa, 1843a: 309. STS: IT, nr Naples; lost.

Ophthalmicus angularis Fieber, 1844: 118 (syn. Baerensprung, 1858a: 81). STS: IT, Sicily; lost?

Ophthalmicus colon Fieber, 1844: 119 (syn. Montandon, 1907b: 319). ST(S): "Hinterindien"; lost?

Geocoris signicollis Stål, 1854a: 235 (syn. Linnavuori, 1978: 61). HT (see Linnavuori, 1978: 61): ♀, Nubia; NHRS.

Ophthalmicus pygmaeus Fieber, 1861a: 175 (syn. Montandon, 1907b: 319). ST(S): ♂, SP, Granada, Sierra d'Alfacar; lost?

Ophthalmicus semipunctatus Fieber, 1861a: 176 (syn. Puton, 1878b: 5). STS: ♂, ♀, "Pyrenäen"; lost.

Geocoris jakowleffi Saunders, 1877b: 103 (syn. Péricart, 1994a: 94). LT (Péricart, 1994a: 94): ♂, MO, Tanger; BMNH.

Distr. EU: AL BH BU CR FR GR IT MC PO RO SP SZ. NA: CI EG MO TU. AS: AB AT CH (CE SW) CY GG IN IQ IS KO SA. EL: India, W Pakistan.

Extralimital subspecies: *Geocoris pallidipennis mauritii* Stål, 1854, Mauritius; *Geocoris pallidipennis bottegoi* Montandon, 1907, Kenya.

Note: *Ophthalmicus pallidipennis* A. Costa, 1843 [after September, 21, date of acceptance of the manuscript] is a junior primary homonym of *Ophthalmicus pallidipennis* Amyot & Serville, 1843 [September 6, see Annales de la Société Entomologique de France, 1843, Bull., p. xl]. Probably provisions of Art. 23.9 of the Code can be used in future for conservation of Costa's name.

***Geocoris pallidipennis mandarinus* Horváth, 1901**

Geocoris mandarinus Horváth, 1901a: 250, 263 (downgraded to "var." by Montandon, 1907b: 320). HT: ♂, CH (NO), Beijing; HNHM.

Distr. AS: CH (NO) RU (FE).

Ref.: Zheng & Zou, 1981a (as "var.").

***Geocoris pallidipennis scissilis* Montandon, 1913**

Geocoris pallidipennis var. *scissilis* Montandon, 1913a: 56. STS: TA; lost?

Distr. AS: TA.

***Geocoris pallidipennis xizangensis* Zheng, 1981**

Geocoris pallidipennis xizangensis Zheng in Zheng & Zou, 1981a: 85, 591; HT: ♂, CH (WP), Xizang [= Tibet], Qamdo; NKUM.

Distr. AS: CH (WP).

***Geocoris pattakumenis* Kiritshenko, 1914**

Geocoris pattakumenis Kiritshenko, 1914b: 187. LT (Kerzhner, 1979c: 58): ♀, UZ, Termez; ZMAS.

Geocoris deserticola Linnavuori, 1952: 37 (syn. Kerzhner, 1979c: 58). HT: ♂, TM; UZMT.

Distr. AS: AK TM UZ.

***Geocoris phaeopterus* (Germar, 1838)**

Ophthalmicus phaeopterus Germar, 1838: 137. LT (Péricart, 1997b: 483): ♀, South Africa, Cape of Good Hope; ZMHB.

Ophthalmicus erytrops Dufour, 1857: 69 (syn. Péricart, 1997b: 483). LT (Péricart & Ribes, 1992: 79): ♂, AG, "Bône" [= Annaba]; MNHN.
Geocoris scutellaris Puton, 1886b: 15 (syn. Péricart & Ribes, 1992: 79, with *erytrops*). HT: ♀, TU, Kairouan; MNHN.
Geocoris scutellaris var. *umbrosus* Montandon, 1907c: 93. STS: TU, Gafsa; lost?
Geocoris phaeopterus var. *necopitanus* Schumacher, 1913a: 68 (see note). LT (Péricart, 1997b: 483): ♀, South Africa, "Kl. Namaland"; ZMHB.
Distr. EU: IT SP. NA: AG CI EG MO LB TU. AS: AT CY IN IQ IS JO SA SI SY YE.
EL: Pakistan; South Africa, Cabo Verde Isl. and probably tropical Africa.
Note: *necopitanus*: obvious misprint for *necopinatus* (=unexpected).

***Geocoris proteus* Distant, 1883**

Geocoris proteus Distant, 1883: 432. LT (Péricart, 1999d: 83): ♀, JA; BMNH.
Distr. AS: JA RU (FE).
Ref.: Esaki, 1950 (fig.).
Note: The citations from KO and MG are erroneous (see Lee et al., 1994: 24).

***Geocoris pubescens* (Jakovlev, 1871)**

?*Ophthalmicus hyalinus* Fieber, 1861b: 276 (syn. Péricart & Ribes, 1992: 78, suspected). LT (Péricart & Ribes, 1992: 78): ♂, EG, Sakkara; ZMHB.
Ophthalmicus pubescens Jakovlev, 1871: 29. LT (Kerzhner, 1979c: 60): ♀, Astrakhan; ZMAS.
Ophthalmicus timidus Puton, 1873: 16 (syn. Péricart & Ribes, 1992: 79). LT (Péricart & Ribes, 1992: 79): ♀, AG, Biskra; MNHN.
Geocoris megacephalus var. *puberulus* Montandon, 1907b: 314 (syn. Péricart, 1999a: 346). HT: CI, Tenerife; lost?
Geocoris megacephalus var. *anemiatus* Montandon, 1907b: 316 (syn. Josifov, 1987: 4). STS: EG (Cairo) and Kenya ("Iago Bass Narok [= Turkana Lake]; HNHM?, MCSN?
Geocoris megacephalus var. *pilosulus* Montandon, 1907b: 316 (syn. Josifov, 1987: 4). ST(S): Cabo Verde Isl., Boa Vista; lost?
Geocoris megacephalus var. *desertus* Montandon, 1907b: 317 (syn. Linnavuori, 1978: 61, with *anemiatus*; Josifov, 1987: 4, with *pubescens*). ST(S): EG, Suez; USNM (1 ST).
Geocoris megacephalus creticus Josifov, 1968: 454 (syn. Josifov, 1987: 4). HT: ♂, Crete; ZISB.
Distr. EU: BU MD GR RO RU (ST) UK. NA: AG CI EG MO TU. AS: AB AK AR AT GG IQ SA SI YE. EL: Cabo Verde Is, Sudan.

***Geocoris sokotranus* Kirkaldy, 1899**

Geocoris sokotranus Kirkaldy, 1899b: 46. ST(S): YE, Sokotra Is; BMNH?
Distr. AS: SA YE (Sokotra).
Ref.: Linnavuori & Van Harten, 1997 (compar. with *G. titan*).

***Geocoris titan* Linnavuori, 1986**

Geocoris titan Linnavuori, 1986: 80. HT: ♀, SA, Al Hasa; AMNH.
Distr. AS: SA YE.
Ref.: Linnavuori & Van Harten, 1997 (compar. with *G. sokotranus*).

***Geocoris variabilis* Jakovlev, 1890**

Geocoris variabilis Jakovlev, 1890: 554. LT (Kerzhner, 1979c: 60): ♀, "MG, Khara-Sukhoi na Edzine" [= CH (NW), Inner Mongolia, Ha-su-Hai, in the Ruo Shui river valley]; ZMAS.
Distr. AS: CH (NW) MG.

***Geocoris varius* (Uhler, 1860)**

Ophthalmicus varius Uhler, 1860: 229. HT: ♂, JA, Simoda; USNM.

Distr. AS: CH (CE NO SE SW WP) JA KO TA.

Ref.: Esaki, 1950 (fig.); Matsumura, 1931 (fig.).

Note: Zheng (in litt.) and Tomokuni (1985: 156) place this species in *Piocoris*.

Subgenus *Piocoris* Stål, 1872

Piocoris Stål, 1872: 45 (as genus; downgraded to subgenus by Linnavuori, 1972: 100).

Type species by subsequent designation (Reuter, 1888a: 412): *Salda erythrocephala* Lepeletier & Serville, 1825.

Ref.: Çagatay, 1989 (Turkish spp.).

***Geocoris erythrocephalus* (Lepeletier & Serville, 1825)**

Cimex grylloides Linnaeus, 1767: 717 (not 1761).

Salda erythrocephala Lepeletier & Serville, 1825: 321. ST(S): France; lost?

Ophthalmicus frontalis Herrich-Schaeffer, 1837: 23 (syn. Amyot & Serville, 1843: 261).

ST(S): GR or ET ("Rumelien"); lost.

Salda orsiniana A. Costa, 1839: 136 (syn. A. Costa, 1843a: 304). Nomen nudum.

Geocoris erythrocephalus var. *litoreus* Horváth, 1895a: 157. LT (Péricart, 1996a: 154): ♀, FR, "Cette" [= Sète]; HNHM.

Geocoris erythrocephalus var. *marginellus* Horváth, 1907: 301. LT: (Péricart, 1996a: 154) ♂, SP, Madrid, Escorial; HNHM.

Distr. EU: AL AU BH BU CR EK ET FR GR HU IT MC MD PO RO RU (ST) SK SL SP UK YU. NA: AG MO TU. AS: AB AK AR AT CY GG IN IQ IS LE.

Ref.: Stål, 1872 (*Piocoris*).

***Geocoris linnavuorii* Péricart, 1994**

Geocoris linnavuorii Péricart, 1994a: 102. HT: ♂, IS, South Distr., nr 'Arad; NMWC.

Distr. AS: IS.

***Geocoris luridus luridus* (Fieber, 1844)**

Ophthalmicus luridus Fieber, 1844: 114. ST(S): AT or IQ, "Euphrate"; lost?

Ophthalmicus erythrops [sic] (non *erytrops* Dufour, 1857): Fieber, 1861b: 268.

Misidentification (see Fieber's description).

Piocoris obesus Stål, 1872: 45 (syn. Puton, 1886a: 23). ST(S): AG, Biskra; MNHN?

Distr. NA: AG EG LB MO TU. AS: AB AR GG IN IS JO SA SI TD TM UZ YE. EL: Ethiopia, Sudan.

Ref.: Çagatay, 1989 (male genit.).

***Geocoris luridus marulla* Linnavuori, 1972**

Geocoris (*Piocoris*) *luridus marulla* Linnavuori, 1972: 102. HT: ♀, IN, between Bempur and Kaskin; ZMAS.

Distr. AS: IN.

Note: Probably a colour variety only (Kerzhner, 1979c: 70).

***Geocoris nebulosus* (Montandon, 1907)**

Piocoris nebulosus Montandon, 1907c: 82. STS: Djibouti (Djibouti and Obock); MNHM?, USNM (1 ST).

Piocoris aurantiacus Bergevin, 1932d: 110 (syn. Linnavuori, 1962: 76). LT (designated here): ♂, AG, Sahara, Tassili occidental, Amguid; MNHN.

Distr. NA: AG EG MO TU. AS: AT IS SA SI SY YE. EL: Djibouti, Sudan.

Ref.: Linnavuori, 1972 (syst. position).

***Geocoris putonianus* Bergroth, 1892**

Geocoris (*Piocoris*) *piceus* Puton, 1892a: 72 (junior secondary homonym of *Salda picea*

Say, 1832). STS: KI, Alai Mts; MNHN.
Geocoris putonianus Bergroth, 1892c: 264. New name for *piceus* Puton, 1892.
Piocoris luridus var. *scutellatus* Montandon, 1908b: 123 (syn. Kerzhner, 1979c: 70).
 ST(S): TM; lost?
 Distr. AS: AK AR IN KI TD TM UZ.
 Ref.: Linnavuori, 1972 (syst. position).
 Note: Indications from North Africa are erroneous, resulting from confusion with *P. luridus* (see Kerzhner, 1979c: 70).

***Geocoris quercicola* Linnavuori, 1962**

Geocoris (Piocoris) quercicola Linnavuori, 1962: 76. HT: ♂, IS, Neve Ya'ar; AMNH.
 Distr. AS: IN IQ IS JO.
 Ref.: Linnavuori, 1972 (syst. position).

Geocoris incertae sedis

***Geocoris marduk* Linnavuori, 1984**

Geocoris (Eilatus) marduk Linnavuori, 1984: 11. HT: ♂, IQ, Babil, Al Hillah; AMNH.
 Distr. AS: IQ.
 Ref.: Péricart, 1999a (subgenus?).

***Geocoris unicolor* (Wagner, 1965)**

Mallocoris unicolor Wagner in Eckerlein & Wagner, 1965: 223. HT: AG, 100 km S of Touggourt; ZMUH.
 Distr. NA: AG. AS: SA.
 Ref.: Péricart, 1994a: 95 (*Geocoris*), 1999a (subgenus?).

Genus *Germalus* Stål, 1862

Germalus Stål, 1862b: 311. Type species by subsequent designation (Distant, 1911a: 29): *Henestaris kinbergi* Stål, 1860, Mauritius.
Ophthalmocoris Montandon, 1907a: 89 (syn. Montandon, 1913a: 48). Type species by original designation: *Ophthalmocoris bipunctatus* Montandon, 1907, Indonesia.
Neogermalus Montandon, 1913a: 50 (syn. Bergroth, 1916: 36). Type species by monotypy: *Ophthalmicus membranaeus* sensu Montandon, 1913 (= *Germalus montandoni* Bergroth, 1916), New Caledonia.
 Ref.: Barber, 1958 (Micronesia); Usinger, 1936a (Hawaii).
 Note: A species probably belonging to this genus was reported from CH by Zheng & Zou (1981a: 88).

Genus *Mallocoris* Stål, 1872

Mallocoris Stål, 1872: 46. Type species by monotypy: *Mallocoris discifer* Stål, 1872.
 Ref.: Péricart, 1999a (monogr.).

***Mallocoris discifer* Stål, 1872**

Mallocoris discifer Stål, 1872: 46. LT (Péricart, 1997a: 69): ♀, AG, Biskra; MNHN.
 Distr. NA: AG EG.

Genus *Stenophthalmicus* A. Costa, 1875

Stenophthalmicus A. Costa, 1875: 17. Type species by monotypy: *Stenophthalmicus fajoumensis* A. Costa, 1875.
 Ref.: Linnavuori, 1964 (key, redescr.).

***Stenophthalmicus biskrensis* Puton, 1887**

Stenophthalmicus biskrensis Puton in Puton & Lethierry, 1887: 301. LT (Péricart, 1996b: 106): ♀, AG, Biskra; MNHN.

Distr. NA: AG EG LB MO TU. AS: IN? IS TM. EL: Niger.

***Stenophthalmicus fajoumensis* A. Costa, 1875**

Stenophthalmicus fajoumensis A. Costa, 1875: 17. LT (Péricart in Carapezza et al., 1995: 285): ♂, EG, Abouka; ZIUN.

Stenophthalmicus mixtus Montandon, 1897: 98 (syn. Montandon, 1908b: 126; 1908c: 1, as "*pictus*"). STS: TU, Sfax; USNM (3 STS)

Distr. EU: GR IT (Sicily) SP. NA: AG EG LB TU. AS: CY IS JO.

Ref.: Heiss, 1989d (redescr.).

Note: The spelling *fayoumensis* is an unjustified emendation.

***Stenophthalmicus hiliaris* Linnavuori, 1964**

Stenophthalmicus hiliaris Linnavuori, 1964: 312, 313. HT: ♂, Somalia, nr Silil; AMNH.

Distr. AS: YE. EL: Somalia.

***Stenophthalmicus hirticornis* Lindberg, 1939**

Stenophthalmicus hirticornis Lindberg, 1939: 16. STS (HT included): EG, Mansouriah, Borgash, Magadla, Kerdasa, Kafr Hakim, and Manshiet Radwan; Ministry of Agriculture, Cairo, EG?

Distr. NA: EG. AS: SA YE. EL: Sudan.

Ref.: Linnavuori, 1964 (redescr.); Linnavuori & Van Harten, 1997 (biol.).

***Stenophthalmicus leptosomus* Linnavuori, 1964**

Stenophthalmicus biskrensis (non Puton, 1887): Linnavuori, 1960: 37. Misidentification (see Linnavuori, 1964: 312).

Stenophthalmicus leptosomus Linnavuori, 1964: 312. HT: ♂, TM; AMNH.

Distr. AS: AK IN IS SA TD TM UZ YE.

***Stenophthalmicus panici* Priesner, 1951**

Stenophthalmicus biskrensis (non Puton, 1887): Lindberg, 1939: 17. Misidentification!

Stenophthalmicus panici Priesner, 1951: 137. HT: ♂, EG, Giza; OLML.

Distr. NA: EG. AS: SA.

Ref.: Linnavuori, 1964 (redescr.).

***Stenophthalmicus punctatulus* Linnavuori, 1964**

Stenophthalmicus punctatulus Linnavuori, 1964: 313. HT: ♀, YE, "W-Aden Protectorate, Anad"; AMNH.

Distr. AS: YE.

***Stenophthalmicus tingitanus* (Fairmaire, 1885)**

Germalus tingitanus Fairmaire, 1885: 354. ST(S): MO; lost?

Distr. NA: MO.

Ref.: Puton & Lethierry, 1887 (*Stenophthalmicus*).

Subfamily ARTHENEINAE Stål, 1872

ARTHENEINAE Stål, 1872: 38 "Artheneina". Type genus: *Artheneis* Spinola, 1837: 250.

Extralimital tribes: Dilompini J.A. Slater, Woodward & Sweet, 1962, Australia;

Nothochromini J.A. Slater, Woodward & Sweet, 1962, New Zealand.

Note: The Neotropical tribe Polychismini J.A. Slater & Brailovsky, 1986 is transferred to Ischnorhynchinae (see Kerzhner, 1997: 213).

Tribe ARTHENEINI Stål, 1872

Ref.: Ashlock, 1957 (phallic structure); Kerzhner, 1997 (E Pal. spp.; key); V.G. Putshkov, 1958a (larva).

Genus *Artheneidea* Kiritshenko, 1914

Artheneidea Kiritshenko, 1914a: 410. Type species by monotypy: *Artheneidea tenuicornis* Kiritshenko, 1914.

Thenareis Stichel, 1958: 127 (as subgenus of *Artheneis*) (syn. Kerzhner, 1993: 101). Type species by monotypy: *Artheneis chlorotica* Bergevin, 1930 (= *Artheneidea tenuicornis* Kiritshenko, 1914).

Ref.: Péricart, 1999a (monogr.); J.A. Slater, 1964a (World cat.).

Artheneidea tenuicornis Kiritshenko, 1914

Artheneidea tenuicornis Kiritshenko, 1914a: 410. LT (Kerzhner, 1993: 102): ♂, UZ, Khodzha-Davlet; ZMAS.

Artheneis chlorotica Bergevin, 1930a: 35 (syn. Péricart, 1994a: 98). LT (Péricart, 1994a: 98): ♀, LB, Cyrenaica, Giarabub; MCSN.

Distr. NA: AG EG LB TU. AS: AK CH (NW) IN IQ IS MG SA UZ TD TM. EL: Sudan.

Genus *Artheneis* Spinola, 1837

Artheneis Spinola, 1837: 250. Type species by subsequent designation (Opinion 319, 1955): *Artheneis foveolata* Spinola, 1837.

Tyrrheneis Kirkaldy, 1909a: 31. Type species by original designation: *Artheneis foveolata* Spinola, 1837. Objective synonym of *Artheneis* Spinola, 1837 (see Opinion 319, 1955).

Karamania Kormilev, 1938: 168 (syn. Kormilev, 1939: 27). Type species by monotypy: *Karamania balcanica* Kormilev, 1938.

Ref.: Fieber, 1863 (as syn. of *Nysius*); Flor, 1860 (as subg. of *Cymus*); Kerzhner, 1997 (E Pal. spp., key); Péricart, 1999a (monogr.); V.G. Putshkov, 1969a (UK); Stichel, 1958 (EU).

Artheneis aegyptiaca Lindberg, 1939

Artheneis aegyptiaca Lindberg, 1939: 15. HT: ♂, EG, Heluan; MZHF.

Distr. NA: EG LB MO? AS: AT? IN IQ? IS SA SI YE. EL: Sudan.

Ref.: Wagner, 1957a (disc., syst.).

Artheneis alutacea Fieber, 1861

Artheneis alutacea Fieber, 1861a: 200. STS: ♂, ♀, IT, Sicily; lost?

Distr. EU: GR IT MC. NA: AG EG LB MO TU. AS: AT? CH (NO NW)? CY IS JO SI.

Ref.: Wagner, 1957a (disc., syst.).

Note: The record of *Artheneis alutacea* from CH by Zheng & Zou (1981a: 99) possibly refers to another species.

Artheneis balcanica (Kormilev, 1938)

Karamania balcanica Kormilev, 1938: 168. STS: ♂, ♀, MC, Skoplje, bank of Varda River; Museum of Natural History, Belgrade, YU.

Artheneis foveolata (non Spinola, 1837): Kormilev, 1939: 27. Misidentification (see Wagner, 1957a: 221).

Distr. EU: BU GR MC RU (ST) UK. AS: AB AT CY IN IQ LB LE? SY TD TM UZ.

Ref.: Kerzhner, 1997 (redescr.); Wagner, 1957a (disc., syst.).

Artheneis beieri Wagner, 1963

Artheneis beieri Wagner, 1963a: 485. HT: ♂, Sudan (Nubia), Faras-W; NHMW.

Artheneis alutacea (non Fieber, 1861): V.G. Putshkov, 1969a: 148. Misidentification (see Péricart, 1999a: 405).

Distr. NA: AG EG LB. AS: IN IS TM UZ YE. EL: Sudan.

Ref.: Kerzhner, 1997 (disc., syst.).

***Artheneis deserticola* Kerzhner, 1997**

Artheneis deserticola Kerzhner, 1997: 218. HT: ♂, TM, Farab; ZMAS.

Distr. AS: AK IN IQ TM UZ.

***Artheneis foveolata* Spinola, 1837**

Artheneis foveolata Spinola, 1837: 253. LT (Péricart, 1998c: 8): ♀, IT, Sardinia; MSNT.

Distr. EU: BH CR FR GR IT SP YU. NA: AG EG? MO TU. AS: AT? CY?

Ref.: Ribes, 1972 (disc., fig.); Wagner, 1957a (disc., syst.).

***Artheneis hyrcanica* (Kolenati, 1845)**

Cymus hyrcanicus Kolenati, 1845: 92. LT (Péricart, 1999a: 404): ♂, AB, "Caucasus"; NHMW.

Artheneis hircanica - incorrect subsequent spelling.

Distr. EU: GR. AS: AB IN IQ AR AT GG? SY.

Ref.: Fieber, 1861a (*Artheneis*); Kerzhner, 1997 (key, redescr.).

***Artheneis intricata* V.G. Putshkov, 1969**

Artheneis intricata V.G. Putshkov, 1969a: 149. LT (Kerzhner, 1997: 221): ♂, UK, Kherson Prov., Tokarevka; ZMAS.

Distr. EU: EK RU (ST) UK. AS: AB AK AR AT CH (NO? NW) KI MG SY TD TM UZ.

***Artheneis kiritshenkoi* Kerzhner, 1997**

Thyrraneis [sic] *trigonum* Kiritshenko, 1964: 154. Nomen nudum.

Artheneis kiritshenkoi Kerzhner, 1997: 215. HT: ♂, TD, Verenkul lake, nr Iskanderkul lake; ZMAS.

Distr. AS: AK MG TD UZ.

***Artheneis putshkovi* Kerzhner, 1997**

Artheneis putshkovi Kerzhner, 1997: 219. HT: ♂, TD, Pendzhikent, Zeravshan River; ZMAS.

Distr. AS: KI TD UZ.

***Artheneis turangae* Kerzhner, 1997**

Artheneis hircanica [sic] (non Kolenati, 1845): Wagner, 1957a: 225. Misidentification (see Kerzhner, 1997: 218).

Artheneis turangae Kerzhner, 1997: 218. HT: ♂, TM, Kulatau forest, Amudarya River, 20 km N Meshekli; ZMAS.

Distr. AS: IQ TM.

***Artheneis wagneri* Ribes, 1972**

Artheneis wagneri Ribes, 1972: 1. HT: ♂, SP, Catalunya, Albatàrrec; coll. Ribes, Barcelona, SP.

Distr. EU: BU GR MC SP. AS: AB AR AT? IN SY.

Note: Kerzhner (1997: 222) pointed out the morphological similarity between *A. intricata* and *A. wagneri* and the need for a revision of Transcaucasian material of both taxa.

Genus *Chilacis* Fieber, 1864

Chilacis Fieber, 1864: 72. Type species by monotypy: *Heterogaster typhae* Perris, 1857.

Ref.: Péricart, 1999a (monogr.); V.G. Putshkov, 1969a (UK); Stichel, 1958 (monogr.).

***Chilacis typhae* (Perris, 1857)**

Heterogaster typhae Perris, 1857: 159. LT (Péricart, 1998c: 11): ♂, FR, Landes; EAMF.

Cymus herciniae Meyer-Dür, 1862: 46. Nomen nudum.

Holcocranum megacephalum Jakovlev, 1873: 37 (syn. Jakovlev, 1875: 161). LT (Péricart, 1998b: 125): ♀, RU (ST), Astrakhan; ZMAS.

Distr. EU: AU BE BH BU BY CZ DE EN! FI FR GB GE HU IR IT LA LS LU MD NL PL RO RU (CT NT ST) SK SL SV SZ UK YU. **AS:** AB AK KI UZ. **EL:** USA (introduced).
Ref.: Michalk, 1938a (biol.).

Genus *Holcocranum* Fieber, 1860

Holcocranum Fieber, 1860: 52; 1861a: 201. Type species by monotypy: *Cymus saturejae* Kolenati, 1845.

Teutates Distant, 1909a: 335 (syn. Horváth, 1911b: 337). Type species by monotypy: *Teutates sculpturatus* Distant, 1909, India.

Ref.: Péricart, 1999a (monogr.); V.G. Putshkov, 1969a (UK); Stichel, 1958 (monogr).

***Holcocranum diminutum diminutum* Horváth, 1898**

Holcocranum diminutum Horváth, 1898b: 68. LT (Péricart, 1996a: 154): ♂, UZ, Tashkent; HNHN.

Distr. NA: EG. **AS:** AK MG TD TM UZ. **EL:** Sudan.

***Holcocranum diminutum umbrinum* Linnavuori, 1984**

Holcocranum diminutum umbrinum Linnavuori, 1984: 12. HT: ♂, IQ, Baghdad; AMNH.
Distr. AS: IQ.

***Holcocranum saturejae* (Kolenati, 1845)**

Cymus saturejae Kolenati, 1845: 91. LT (Péricart, 1994a: 99): ♂, "Caucasus" [= Transcaucasia]; NHMW (not ZMAS as indicated by Péricart, 1994a).

Holcocranum bergevini Poppius, 1912: 167 (syn. Péricart, 1994a: 99). LT (Péricart, 1994a: 99): ♂, AG, "Bône" [= Annaba]; MZHF.

Holcocranum karumense Bergevin, 1913: 98 (syn. Péricart, 1994a: 99). LT (Péricart, 1994a: 99): ♀, EG, Fayoum, nr lake Karum; MNHN.

Holcocranum eburneum Bergevin, 1932b: 283 (syn. Péricart, 1994a: 99). LT (Péricart, 1994a: 99): ♂, AG, Sahara, Hoggar, Idelès; MNHN.

Distr. EU: AU BU CR CZ EK FR GE GR HU IT MC MD RO RU (ST) SK SP UK. NA: AG EG MO TU. **AS:** AB AK AT IS JO KI TM. **EL:** tropical Africa (Chad, Ghana, Sudan and Tanzania), N America (USA, introduced).

Ref.: Hoffmann & J.A. Slater, 1995 (USA); Wheeler & Stoops (1999).

Subfamily PACHYGRONTHINAE Stål, 1865

PACHYGRONTHINAE Stål, 1865: 121, 145 ("Pachygronthida"). Type genus:

Pachygrontha Germar, 1838.

Ref.: J.A. Slater, 1955 (rev.).

Tribe PACHYGRONTHINI Stål, 1865

Genus *Pachygrontha* Germar, 1838

Pachygrontha Germar, 1838: 152. Type species by monotypy: *Pachygrontha lineata* Germar, 1838, tropical Africa.

Pachygrontha Spinola, 1850: 41, 100 (syn. Stål, 1865: 147). Type species by monotypy: *Pachygrontha lineola* Spinola, 1850 (= *Pachygrontha lineata* Germar, 1838), tropical Africa.

Atractophora Stål, 1854b: 260 (syn. Stål, 1866a: 147). Type species by subsequent monotypy (Stål, 1855a: 34): *Atractophora fusifemur* Stål, 1855 (= *Pachygrontha lineata* Germar, 1838), tropical Africa.

Peliosoma Uhler, 1860: 229 (syn. Stål, 1874a: 139). Type species by monotypy: *Peliosoma antennata* Uhler, 1860.

Dilophos Montrouzier, 1865: 226 (syn. Stål, 1874a: 139). Type species by monotypy:

- Dilophos solieri* Montrouzier, 1865, New Caledonia.
 Ref.: J.A. Slater, 1955 (rev.), 1964a (World cat.).
- Pachygrontha antennata antennata* (Uhler, 1860)**
Peliosoma antennata Uhler, 1860: 229. LT (Froeschner, 1999: 214): ♂, JA, Simoda; USNM.
 Distr. AS: CH (CE SE) JA.
 Ref.: Esaki, 1950 (fig.); Matsumura, 1931 (fig.); Stål, 1865 (*Pachygrontha*); Zheng & Zou, 1981a.
- Pachygrontha antennata nigriventris* Reuter, 1881**
Pachygrontha nigriventris Reuter, 1881a: 157 (syn. Horváth, 1889a: 326, with *antennata*; restored by Bergroth, 1917: 4; downgraded to subspecies by J.A. Slater, 1955: 75).
 STS: ♂, ♀, RU (FE), Amur; NHRS, MZHF. No lectotype designated (see J.A. Slater, 1955: 75).
 Distr. AS: CH (CE SE SW) JA KO RU (FE).
 Ref.: Kiritshenko, 1953; Zheng & Zou, 1981a.
- Pachygrontha austrina* Kirkaldy, 1908**
Pachygrontha austrina Kirkaldy, 1908a: 771. LT (Péricart, 1999d: 79): ♂, Australia, Queensland, Kurunda nr Cairns; BPBM.
 Distr. AS: CH (CE) TA. EL: Australia, New Guinea, Philippines.
 Ref.: Zheng & Zou, 1981a.
- Pachygrontha bipunctata bipunctata* Stål, 1865**
Pachygrontha bipunctata Stål, 1865: 149. HT: ♀, Mauritius; NHRS.
Pachygrontha tabida Stål, 1871: 662 (syn. J.A. Slater, 1955: 64). STS: ♂, ♀, Philippines; NHRS?
Pachygrontha dixonii Distant, 1903a: 42 (syn. J.A. Slater, 1955: 64). LT (Péricart, 1999d: 80): ♂, India, Bombay; BMNH.
Pachygrontha confusa Distant, 1913: 151 (syn. J.A. Slater, 1955: 64). LT (Péricart, 1999d: 80): ♀, Seychelles: Mahé, nr Morne Blanc; BMNH.
Pachygrontha cruenta Bergroth, 1918: 71 (syn. J.A. Slater, 1955: 64). ST(S): Philippines, Mindanao, Davao.
 Distr. AS: CH (SE WP) JA TA. EL: tropical Africa, Oriental Region.
 Extralimital subspecies: *Pachygrontha bipunctata incipiens* J.A. Slater, 1955, South Africa.
 Ref.: Zheng & Zou, 1981a.
- Pachygrontha flavolineata* Zheng, Zou & Hsiao, 1979**
Pachygrontha flavolineata Zheng, Zou & Hsiao, 1979a: 368, 371. HT: ♂, CH (SE), Guangxi, Long-Shen; TMNH.
 Distr. AS: CH (SE SW).
 Ref.: Zheng & Zou, 1981a.
- Pachygrontha lewisi* Distant, 1901**
Pachygrontha lewisi Distant, 1901b: 474. LT (J.A. Slater, 1966b: 58): ♀, "Ceylon" [= Sri Lanka]; BMNH.
 Distr. AS: CH (SE: Hainan?). EL: Sri Lanka.
 Ref.: Bergroth, 1918 (notes).
- Pachygrontha lurida lurida* J.A. Slater, 1955**
Pachygrontha lurida J.A. Slater, 1955: 58. HT: ♂, Philippines, Luzon, Rizal Prov., Alabang; USNM.
 Distr. AS: CH (SE). EL: Philippines.
 Ref.: Zheng & Zou, 1981a.

***Pachygrontha lurida yakuensis* J.A. Slater, 1955**

Pachygrontha lurida yakuensis J.A. Slater, 1955: 59. HT: ♂, JA, Yakushima Is., Onoaida; KUEC.

Distr. AS: JA.

***Pachygrontha nigrovittata* Stål, 1871**

Pachygrontha nigrovittata Stål, 1871: 662. LT (Péricart, 1999d: 83): ♀, Philippines; NHRS.

Pachygrontha nigrolineata Distant, 1910b: 59 (syn. J.A. Slater, 1955: 54). LT (Péricart, 1999d: 83): Philippines, Manila; BMNH.

Pachygrontha obluctans Bergroth, 1924a: 37 (syn. J.A. Slater, 1955: 54). LT (Péricart, 1999d: 83): ♂, Indonesia, Sumatra, Medan; ZMHB.

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

Ref.: Zheng & Zou, 1981a.

***Pachygrontha similis* Uhler, 1896**

Pachygrontha similis Uhler, 1896: 264. HT (see Froeschner, 1999: 215): ♀, JA, Gifu; USNM.

Distr. AS: CH (CE SE SW) JA.

Ref.: Miyamoto, 1957 (ovariole number); Zheng & Zou, 1981a.

***Pachygrontha walkeri* Distant, 1901**

Pachygrontha walkeri Distant, 1901b: 473. LT (J.A. Slater, 1966b: 58): ♂, N Australia, Port Darwin; BMNH.

Distr. AS: CH (CE).

Ref.: Zheng & Zou, 1981a.

Tribe TERACRIINI Stål, 1872

TERACRIINI Stål, 1872: 38 (Teracriina). Type genus: *Teracrius* Stål, 1858.

Ref.: J.A. Slater, 1955 (rev.).

Genus *Cymophyes* Fieber, 1870

Cymophyes Fieber, 1870: 247. Type species by monotypy: *Cymophyes ochroleuca* Fieber, 1870.

Extralimital subgenus: *Afrophyella* Linnavuori, 1978, Cabo Verde Is.

Ref.: Péricart, 1999a (monogr.); J.A. Slater, 1955 (rev.); Stål, 1872; Stichel, 1958 (monogr.).

Subgenus *Cymophyes* Fieber, 1870

***Cymophyes decolor* Stål, 1872**

Cymophyes decolor Stål, 1872: 47. HT: ♀, AG, Biskra; MNHN.

Distr. NA: AG EG TU. EL: Sudan.

Ref.: Seidenstücker, 1953a (redescr.).

***Cymophyes essabchana* Seidenstücker, 1953**

Cymophyes essabchana Seidenstücker, 1953a: 171. HT: ♂, SY, Aleppo [= Haleb], nr "Dschebbul" [= Jabbul], at the bank of Es-Sabcha salt lake; UZMT.

Distr. AS: IN IQ KU SA SY.

***Cymophyes golodnajana* Seidenstücker, 1953**

Cymophyes golodnajana Seidenstücker, 1953a: 171. HT: ♂, UZ, Golodnaya Step [ca 100 km SW of Tashkent]; UZMT.

Distr. EU: EK RU (ST) UK. AS: AB AK TD TM UZ.

Note: According to V.G. Putshkov (1969a), probably only a subspecies of *C. essabchana*.

***Cymophyes ochroleuca* Fieber, 1870**

Cymophyes ochroleuca Fieber, 1870: 247. HT: ♂, GR; NHMW.

Distr. EU: GR. NA: EG LB. AS: AT CY IN? IQ IS SA? SY YE.

Ref.: Seidenstücker, 1953a (redescr.).

Genus *Opistholeptus* Bergroth, 1894

Opisthostenus Reuter, 1882: 16 (junior primary homonym of *Opisthostenus* Förster, 1868, Hymenoptera). Type species by monotypy: *Opisthostenus ochreipennis* Reuter, 1882, tropical Africa.

Opistholeptus Bergroth, 1894d: 547. New name for *Opisthostenus* Reuter, 1882.

Phlegyas (non Stål, 1865): Distant, 1903a: 39 (partly). Misidentification (see J.A. Slater, 1964a: 730).

Paraphlegyas Hesse, 1925: 72 (syn. J.A. Slater, 1955: 112). Type species by original designation: *Paraphlegyas elegans* Hesse, 1925, tropical Africa.

***Opistholeptus burmanus burmanus* (Distant, 1903)**

Phlegyas burmanus Distant, 1903a: 40. LT (Péricart, 1999d: 79): ♂, Burma, Palon, Pegu; BMNH.

Distr. AS: CH (SE). EL: Burma, India?, Sri Lanka.

Extralimital subspecies: *Opistholeptus burmanus singalensis* (Breddin, 1907), Sri Lanka.

Ref.: J.A. Slater, 1955 (*Opistholeptus*); Zheng & Zou, 1981a.

Genus *Pachyphlegyas* J.A. Slater, 1955

Pachyphlegyas J.A. Slater, 1955: 112, 133. Type species by original designation:

Helonotocoris modiglianii Lethierry, 1888.

Ref.: Hidaka, 1958a.

***Pachyphlegyas modiglianii modiglianii* (Lethierry, 1888)**

Helonotocoris modiglianii Lethierry, 1888: 463. LT (J.A. Slater, 1955: 135; Péricart, 1999d: 82): ♂, Indonesia, Sumatra, Siboga; BMNH.

Teracrius bipunctatus Bergroth, 1918: 71 (syn. J.A. Slater, 1955: 134). ST(S): ♀, Philippines, Luzon, Laguna, Los Baños; MZHF?

Distr. AS: CH (SE) JA TA. EL: India, Indonesia (Sumatra), Philippines.

***Pachyphlegyas modiglianii ethiopicus* J.A. Slater, 1955**

Pachyphlegyas modiglianii ethiopicus J.A. Slater, 1955: 136. HT: ♂, "Belgian Congo" [= Zaire], Congo da Lemba; MRAC.

Distr. AS: YE. EL: Congo, E Sudan.

Genus *Stenophyella* Horváth, 1914

Stenophyella Horváth, 1914: 636. Type species by monotypy: *Stenophyella macreta* Horváth, 1914.

***Stenophyella macreta* Horváth, 1914**

Stenophyella macreta Horváth, 1914: 637. HT (see J.A. Slater, 1955: 148): ♂, Australia, New South Wales, Mt Victoria; HNHM.

Stenophyella sabulicola Bergroth, 1916: 36 (syn. J.A. Slater, 1955: 147). HT: ♀, Australia, Stevenson River; MZHF?

Stenophyella malkini J.A. Slater, 1955: 147, 149 (syn. J.A. Slater, 1956: 24). HT: ♂, Australia, Adelaide River, 70 miles S Darwin; USNM.

Distr. AS: CH (SE). EL: Australia.

Ref.: Zheng & Zou, 1981a.

Genus *Teracrius* Stål, 1858

Teracrius Stål, 1858a: 317. Type species by monotypy: *Teracrius namaquensis* Stål, 1858.
Ref.: J.A. Slater, 1964a (World cat.).

Teracrius namaquensis Stål, 1858

Teracrius namaquensis Stål, 1858a: 317. HT: ♀, Botswana, between Eikhams and N'Gami; NHRS.

Distr. AS: YE. EL: Angola, Botswana, Madagascar, E Sudan, Uganda.

Ref.: J.A. Slater, 1955 (distr., redescr., type); Stål, 1865 (redescr.).

Subfamily HETEROGASTRINAE Stål, 1872

PHYGADICINAE Stål, 1862a: 211 (Phygadicida). Type genus: *Phygadicus* Fieber, 1851.
HETEROGASTRINAE Stål, 1872: 40, 62 (Heterogastrina). Placed on the Official List of Family-Group Names in Zoology (Opinion 679, 1963). Type genus: *Heterogaster* Schilling, 1829.

Ref.: Scudder, 1962b (key to genera).

Note: The name Heterogastrinae (as Heterogastrini) was first proposed by A. Costa (1853: 72 ("68")).

Genus *Artemidorus* Distant, 1903

Artemidorus Distant, 1903d: 73 (in Aphaninae). Type species by monotypy: *Artemidorus pressus* Distant, 1903.

Ref.: Horváth, 1904b (syst. position); J.A. Slater, 1964a (World cat.).

Artemidorus pressus Distant, 1903

Artemidorus pressus Distant, 1903d: 74. LT (Péricart, 1999d: 83): ♂, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.

Distr. AS: CH (SE SW). EL: Burma, Sri Lanka, India.

Ref.: Ashlock, 1957; Distant, 1903a; Zheng & Zou, 1981a.

Genus *Dinomachellus* Scudder, 1957

Dinomachellus Scudder, 1957c: 170. Type species by original designation: *Dinomachellus maculatus* Scudder, 1957.

Dinomachellus maculatus Scudder, 1957

Dinomachellus maculatus Scudder, 1957c: 167. HT: ♂, South Africa, Natal, Umtentweni; BMNH.

Distr. AS: YE. EL: South Africa (Natal) and Sudan.

Ref.: Linnavuori & Van Harten, 1997.

Genus *Dinomachus* Distant, 1901

Dinomachus Distant, 1901b: 473. Type species by monotypy: *Dinomachus marshalli* Distant, 1901, tropical Africa.

Ref.: J.A. Slater, 1964a (World cat.).

Dinomachus aksiokhe Linnavuori & Al-Safadi, 1993

Dinomachus aksiokhe Linnavuori & Al Safadi, 1993: 24. HT: ♂, YE, Hadhramaut, Wadi Doad, Ar Rhib; coll. Linnavuori, Raisio, FI.

Distr. AS: YE.

Ref.: Linnavuori & Van Harten, 1997.

Dinomachus rhacinus Distant, 1906

Dinomachus rhacinus Distant, 1906a: 410. LT (Péricart, 1999d: 84): ♀, "Ceylon" [= Sri Lanka], Wellawaya; BMNH.

Dinomachus nitidiusculus Distant, 1906a: 411 (syn. Scudder, 1957c: 174). LT (Péricart, 1999d: 83): ♀, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.
Distr. AS: CH (SE). **EL:** India, Sri Lanka, Thailand.
Ref.: Scudder, 1957c (morph.); Wu, 1934 (syn.); Zheng & Zou, 1981a.

***Dinomachus sikhimensis* Distant, 1903**

Dinomachus sikhimensis Distant, 1903a: 38. LT (Péricart, 1999d: 84): ♂, India, Sikkim; [= Sikkim]; BMNH.
Distr. AS: CH (SE SW). **EL:** India.
Ref.: Scudder, 1957c (key, redescr.); Zheng & Zou, 1981a.

Genus *Equatobursa* Zou, 1985

Equatobursa Zou, 1985: 93, 96. Type species by monotypy: *Equatobursa nigra* Zou, 1985.

***Equatobursa nigra* Zou, 1985**

Equatobursa nigra Zou, 1985: 93, 94. HT: ♀, CH (CE), Hubei, Wuchang; NKUM.
Distr. AS: CH (CE).

Genus *Heterogaster* Schilling, 1829

Heterogaster Schilling, 1829: 37, 84. Type species by subsequent designation (Curtis, 1836: text to pl. 597): *Cimex urticae* Fabricius, 1775. Placed on the Official List of Generic Names in Zoology (Opinion 679, 1963).

Phygas Fieber, 1837: 348 (junior homonym of *Phygas* Treitschke, 1833, Lepidoptera).
Unnecessary new name for *Heterogaster* Schilling, 1829.

Phygadicus Fieber, 1851a: 461. New name for *Phygas* Fieber, 1837.

Ref.: Kerzhner, 1993 (notes); Péricart, 1999a (monogr.); V.G. Putshkov, 1958a (larva), 1969a (monogr.); J.A. Slater, 1964a (Worl cat.); Stichel, 1958 (monogr.).

Note: Generic name of feminine gender. In Péricart (1999a) and here, some adjective specific names have been emended according to the Code.

***Heterogaster affinis* Herrich-Schaeffer, 1835**

Heterogaster affinis Herrich-Schaeffer, 1835a: 46, 80. ST(S): GE; lost.

Phygas semicolon Fieber, 1837: 349 (syn. Fieber, 1861a: 202). ST(S): EU; lost?

Heterogaster affinis var. *rubricatus* Puton, 1890: 228. LT (Péricart, 1996b: 106): ♂, GG, Tiflis [= Tbilisi]; MNHN.

Distr. EU: AL AN AU BH BU CR CZ FR GE GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. NA: AG MO TU. AS: AB AK AR AT GG IN KI SY TD TM.

Ref.: Servadei, 1951 (redescr.).

***Heterogaster artemisiae* Schilling, 1829**

Heterogaster artemisiae Schilling, 1829: 88. ST(S): PL, Silesia; lost.

Heterogaster coronillae Kolenati, 1845: 88 (syn. Fieber, 1861a: 202). ST(S): "Caucasus"; lost.

Distr. EU: AL AU BE BH BU CR CZ FR GB GE GR HU IT MC MD PL PO RO RU (CT ST) SK SL SP SZ UK YU. NA: AG MO TU AS: AB AK AR AT CH (NW) GG IN KI TD TM UZ.

Ref.: Servadei, 1951 (redescr.).

***Heterogaster canariensis* Lindberg, 1960**

Heterogaster artemisiae (non Schilling, 1829): Lindberg, 1953: 63. Misidentification (see Lindberg, 1960: 9).

Heterogaster canariensis Lindberg, 1960: 9. HT: ♂, CI, Tenerife; MZHF.

Distr. NA: CI.

***Heterogaster cathariae* (Geoffroy, 1785)**

Cimex cathariae Geoffroy in Fourcroy, 1785: 203. ST(S): FR, nr Paris; lost.

Cimex naevius Gmelin, 1790: 2184. Objective synonym of *cathariae* Geoffroy, 1785.

Heterogaster rufescens Herrich-Schaeffer, 1835b: 17 (syn. Fieber, 1861a: 201). ST(S): AU; lost.

Phygadeuonidae Fieber, 1837: 348 (syn. Horváth, 1875: 99). STS: CZ, nr Prague; ZMAS (1 ST?), ZMUM (1 ST?).

Heterogaster bicolor Kolenati, 1845: 88 (syn. Fieber, 1861a: 201). LT (designated here): ♀, Caucasus; NHMW.

Heterogaster nepetae var. *cinnamomeus* Horváth, 1882b: 147. LT (Péricart, 1996a: 155): ♂, HU, Bihar-Kerestes; HNHM.

Heterogaster xinjiangensis Zou & Zheng, 1981b: 70, 73 (syn. Kerzhner, 1993: 102). HT: ♂, CH (NW), Xinjiang, Haba-he; TMNH.

Distr. EU: AN AU BE BH BU CR CZ FR GE GR HU IT MD RO RU (ST) SK SP SZ UK YU. NA: AG LB MO. AS: AB AK AR AT CH (NW) CY GG IN KI RU (WS) SY? TD TM UZ.

Ref.: Servadei, 1951 (redescr.).

Note: The emendation *catariae* is to be rejected.

***Heterogaster chinensis* Zou & Zheng, 1981**

Heterogaster chinensis Zou & Zheng, 1981b: 72. HT: ♀, CH (SW), Sichuan, Bao Xing; NKUM.

Distr. AS: CH (CE SW).

Ref.: Zheng & Zou, 1981a.

***Heterogaster distincta* Jakovlev, 1881**

Heterogaster distincta Jakovlev, 1881: 202. HT: ♀, IN, Shahrud; ZMAS.

Heterogaster albidus Kiritshenko, 1911a: 84 (syn. Kerzhner, 1993: 102). LT (Kerzhner, 1993: 102): ♂, AR, Echmiadzin; ZMAS.

Distr. AS: AB AK AR CH (NW) IN KI MG RU (ES) TD UZ.

***Heterogaster minima* Zou & Zheng, 1981**

Heterogaster minimus Zou & Zheng, 1981b: 73. HT: ♂, CH (NE), Heilongjian, Chen-qing; Heilongjian Natural History Museum, Harbin, CH.

Distr. AS: CH (NE).

***Heterogaster nasuta* Horváth, 1895**

Heterogaster nasutus Horváth, 1895a: 157. LT (Péricart, 1996a: 155): ♀, AG, Teniet el Haad; MNHN.

Distr. NA: AG LB MO TU.

Ref.: Péricart, 1999a (monogr.).

***Heterogaster parens* Jakovlev, 1902**

Heterogaster parens Jakovlev, 1902b: 65. LT (Kerzhner, 1993: 102; Péricart, 1998b: 125): ♀, KI, Alai Mts; ZMAS.

Distr. AS: KI TD.

***Heterogaster urticae* (Fabricius, 1775)**

Cimex urticae Fabricius, 1775: 723. LT (Péricart, 1999d: 85): ♀, GB, Channel Is, Jersey; ZMUC.

Heterogaster notatipes Walker, 1872: 73 (syn. Horváth, 1899c: 278). LT (Péricart, 1997a: 70): ♂, MR; BMNH.

Heterogaster longirostris Wagner, 1949a: 13 (syn. Péricart, 1997b: 483). HT: ♂, CY, ZMUH.

Distr. EU: AL AN! AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA

LS LT LU MA MC MD NL PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU.
NA: AG AZ CI EG MO MR TU. AS: AB AR AT CY GG IN IS JA JO KI LE RU
(WS) SY TM.

Ref.: Servadei, 1951 (biol., larvae); Southwood & Scudder, 1956 (larvae).

Genus *Masoas* Distant, 1906

Masoas Distant, 1906b: 290. Type species by monotypy: *Masoas transvaaliensis* Distant, 1906.

Tamasanka Distant, 1906b: 291 (syn. Scudder in J.A. Slater, 1964b: 84). Type species by monotypy: *Tamasanka limbata* Distant, 1906, South Africa, Transvaal.

Ref.: Linnavuori, 1974a (key).

Masoas transvaaliensis Distant, 1906

Masoas transvaaliensis Distant, 1906b: 290. LT (Péricart, 1999d: 85, as *transvaalensis* [sic]): ♂, South Africa, Pretoria; BMNH.

Distr. AS: YE. EL: Angola, South Africa.

Ref.: Distant, 1918a (notes); Linnavuori & Van Harten, 1997.

Genus *Nerthus* Distant, 1909

Nerthus Distant, 1909a: 327. Type species by monotypy: *Nerthus dudgeoni* Distant, 1909, India.

Nerthus taivanicus (Bergroth, 1914)

Hyginus taivanicus Bergroth, 1914b: 358. HT: ♀, TA, Hoozan; DEIC.

Distr. AS: CH (CE SE) TA.

Ref.: Zheng et Zou, 1981a (*Nerthus*).

Genus *Parathyginus* Scudder, 1957

Parathyginus Scudder, 1957c: 167. Type species by original designation: *Heterogaster signifer* Walker, 1872.

Parathyginus auct. - incorrect subsequent spelling.

Parathyginus signifer (Walker, 1872)

Heterogaster signifer Walker, 1872: 74. HT (see Péricart, 1999d: 84, as LT): ♀, "Ceylon" [= Sri Lanka]; BMNH.

Distr. AS: CH JA (Ryukyus) TA. EL: Philippines, Sri Lanka.

Ref.: Distant, 1901b (*Hyginus*); Scudder, 1957c (*Parathyginus*).

Genus *Platyplax* Fieber, 1860

Platyplax Fieber, 1860: 52; 1861a: 202. Type species by monotypy: *Heterogaster salviae* Schilling, 1829.

Ref.: Péricart, 1999a (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Tamanini, 1981 (syn.).

Platyplax inermis (Rambur, 1839)

Pachymerus inermis Rambur, 1839: 152. LT (Péricart, 1998c: 10): ♀, SP, nr Granada; BMNH.

Platyplax salviae var. *meridionalis* Pic, 1910a: 180 (syn. Péricart, 1999a: 443, suspected). STS: FR, Cannes; lost?

Distr. EU: AL BH CR FR GR IT MC PO SP YU. NA: AG CI LB MO TU. AS: AT CY IS YE. EL: Ethiopia.

Ref.: Ramade, 1963 (comparison with *salviae*); Tamanini, 1981 (comparison with *salviae*).

***Platyplax salviae* (Schilling, 1829)**

Heterogaster salviae Schilling, 1829: 85. ST(S): PL, Silesia; lost.

Heterogaster waltlii Kolenati, 1845: 89 (syn. Fieber, 1861a: 208). LT (designated here): ♂, Caucasus; NHMW.

Distr. EU: AL AU BE? BH BU CR CZ EK FR GE GR HU IT LS LU MD PL PO RO RU (CT ST) SK SL SP SZ UK YU. NA: AG MO. AS: AB AF AK AR AT CH (NW) GG IS KI RU (WS) TD UZ.

Ref.: Ramade, 1963 (comparison with *inermis*); Tamanini, 1981 (comparison with *inermis*).

Genus *Sadoletus* Distant, 1903

Sadoletus Distant, 1903a: 35, 37. Type species by original designation: *Sadoletus validus* Distant, 1903, India and Sri Lanka.

***Sadoletus bakeri* Bergroth, 1918**

Sadoletus bakeri Bergroth, 1918: 108. LT (designated here): ♀, Philippines, Luzon, Laguna, Mt Banahao; MZHF.

Distr. AS: CH (SW). EL: Philippines.

Ref.: Zheng & Zou, 1981a.

***Sadoletus valdezi* Bergroth, 1918**

Sadoletus valdezi Bergroth, 1918: 107. STS: ♂, ♀, Philippines, Luzon, Laguna, Mt Maquiling and Mt Banahao; not located.

Distr. AS: JA. EL: Philippines.

Genus *Trinithignus* Scudder, 1962

Trinithignus Scudder, 1962b: 118, 126. Type species by original designation: *Trinithignus brevisrostris* Scudder, 1962, Congo.

***Trinithignus manto* Linnavuori & Al Safadi, 1993**

Trinithignus manto Linnavuori & Al Safadi, 1993: 22. HT: ♂, AG, Sahara, Hoggar, nr Tamanrasset; coll. Linnavuori, Raisio, FI.

Distr. NA: AG.

Ref.: Péricart, 1999a (fig.).

Subfamily BLEDIONOTINAE Reuter, 1878

BLEDIONOTINAE Reuter, 1878: 144 (Bledionotina). Type genus: *Bledionotus* Reuter, 1878.

Ref.: China & Miller, 1959 (syst. position); Seidenstücker, 1964b (syst. position).

Extralimital tribe: Pamphantini Barber & Bruner, 1933, S America and Australia (considered a separate subfamily by J.A. Slater, 1999).

Tribe BLEDIONOTINI Reuter, 1878

Genus *Bledionotus* Reuter, 1878

Bledionotus Reuter, 1878: 144. Type species by monotypy: *Bledionotus systellonotoides* Reuter, 1878.

Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Bledionotus systellonotoides* Reuter, 1878**

Bledionotus systellonotoides Reuter, 1878: 144. LT (Péricart, 1997a: 68): ♀, SY, MNHN.

Distr. AS: AF AT CY IQ SY TD.

Subfamily OXYCARENINAE Stål, 1862

OXYCARENINAE Stål, 1862a: 212 (Oxycarenida). Type genus: *Oxycarenum* Fieber, 1837.

ANEUROPHARINA Berg, 1879: 285. Type genus: *Aneuropharus* Berg, 1879 (= *Anomaloptera* Amyot & Serville, 1843).

Genus *Anomaloptera* Amyot & Serville, 1843

Anomaloptera Amyot & Serville, 1843: 302 (in Piesmatidae). Type species by monotypy: *Anomaloptera helianthemii* Amyot & Serville, 1843.

Crophius Stål, 1874a: 141 (syn. Hoberlandt, 1987: 26). Type species by subsequent designation (Van Duzee, 1910: 389): *Lygaeus disconotus* Say, 1832, N America.

Aneuropharus Berg, 1879: 285 (syn. Berg, 1883: 262, with *Crophius*). Type species by monotypy: *Aneuropharus leucocnemis* Berg, 1879, Argentina.

Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stål, 1872 (European genera); Stichel, 1958 (monogr.).

Anomaloptera bermani (Vinokurov, 1975)

Crophius bermani Vinokurov, 1975: 391. HT: ♂, RU (ES), Northeast Yakutia, loc. Ebe, 5 km above the mouth of the left hand affluent Inyali of Indigirka river; ZMAS.

Distr. AS: RU (ES).

Ref.: Vinokurov, 1979.

Note: New combination not followed by Vinokurov & Kanyukova (1995a).

Anomaloptera helianthemii Amyot & Serville, 1843

Anomaloptera helianthemii Amyot & Serville, 1843: 302. ST(S): brach., FR, Landes: Mont-de-Marsan; lost?

Anomaloptera helianthemii f. *iberica* Stichel, 1958: 141. ST(S): probably SP.

Distr. EU: FR IT PO SP.

Ref.: Péricart, 1985 (ecol., physiol.); Puton, 1881a (macr.); Seabra, 1930b.

Genus *Auchenodes* Horváth, 1891

Auchenodes Horváth, 1891a: 129. Type species by original designation: *Microplax conspersa* Jakovlev, 1885.

Ref.: Péricart, 1999b (monogr.); Stichel, 1958 (monogr.).

Auchenodes capito Horváth, 1891

Auchenodes capito Horváth, 1891a: 130. LT (Péricart, 1996a: 154): ♂, AR, "Caucasus"; HNHM.

Distr. AS: AB AR JO. EL: Pakistan?

Auchenodes conspersus (Jakovlev, 1885)

Microplax conspersa Jakovlev, 1885: 120. LT (Péricart, 1998b: 124): ♀, TM, Akhal-Tekke [= nr Ashkhabad]; ZMAS.

Distr. AS: AF AK KI TD TM UZ.

Ref.: Horváth, 1889b (*Bycanistes*), 1891a (*Auchenodes*).

Auchenodes costalis (Lethierry, 1877)

Bycanistes costalis Lethierry, 1877: 36. LT (Péricart, 1994a: 97): ♂, PO, Casa-Branca; ISNB.

Auchenodes joakimoffi Seidenstücker & Josifov, 1961: 27 (syn. Péricart, 1994a: 98).

HT: ♂, BU, Petrich or Kazanlik; ZISB.

Distr. EU: BU GR PO SP. AS: AR AT GG SY (Mt Hermon).

Ref.: Lindberg, 1932 (*Bycanistellus*); Péricart, 1994a (*Auchenodes*).

***Auchenodes gracilis* Zheng, Zou & Hsiao, 1979**

Auchenodes gracilis Zheng, Zou & Hsiao, 1979a: 367, 370. HT: ♂, CH (NO), Shaanxi, Gan-quan; NKUM.

Distr. AS: CH (NO).

Ref.: Zheng & Zou, 1981a.

***Auchenodes peyerimhoffi* Royer, 1914**

Auchenodes peyerimhoffi Royer, 1914: 140. HT (see Pluot-Sigwalt & Matocq, 2000: 428): ♂, SI, Mt Sinai; MNHN.

Distr. AS: IN SI.

Ref.: Linnavuori, 1984 (disc., key); Seidenstücker & Josifov, 1961 (disc., syst.).

***Auchenodes utu* Linnavuori, 1984**

Auchenodes utu Linnavuori, 1984: 13, 15. HT: ♂, IQ, Irbil, nr Salahuddin; coll. Linnavuori, Raisio, FI.

Distr. AS: IQ SA.

Note: Possibly conspecific with *peyerimhoffi* (see Péricart, 1999b)

Genus *Barberocoris* Miller, 1951

Barberia Miller, 1951: 1054 (in "Myodochini") (junior homonym of *Barberia* Dyar, 1905, Lepidoptera). Type species by original designation: *Barberia risbeci* Miller, 1951, Senegal.

Barberocoris Miller, 1956: 784. New name for *Barberia* Miller, 1951.

Garamans Dispons, 1963: 1208 (syn. J.A. Slater & Sweet, 1970: 229). Type species by monotypy: *Garamans mirei* Dispons, 1963.

Ref.: Péricart, 1999b (monogr.).

***Barberocoris astragali* Linnavuori, 1984**

Barberocoris astragali Linnavuori, 1984: 12. HT: ♂, IQ, Al Muthanna, nr Nograd Salman; AMNH.

Distr. AS: IQ.

Ref.: Linnavuori, 1989b (in key).

***Barberocoris leto* Linnavuori, 1989**

Barberocoris leto Linnavuori, 1989b: 4. HT: ♂, IS, Mt Ramon, Es Saharonim; AMNH.

Distr. NA: EG. AS: IS.

***Barberocoris mirei mirei* (Dispons, 1963)**

Garamans mirei Dispons, 1963: 1208. HT: ♂, Chad, Sahara, Tibesti, Koudou basin, W slope of Emi Kaussi; MNHN.

Distr. AS: YE. EL: Chad, Sudan, Somalia.

Ref.: Linnavuori, 1984 (*Barberocoris*); Linnavuori & Van Harten, 1997 (biol.).

***Barberocoris mirei periboia* Linnavuori, 1989**

Barberocoris mirei periboia Linnavuori, 1989b: 2. HT: ♂, IS, 10-15 km N of Yotvata; AMNH.

Distr. AS: IS.

***Barberocoris somalicus* Linnavuori, 1978**

Barberocoris somalicus Linnavuori, 1978: 65. HT: ♂, Somalia, nr Borama; NMWC.

Distr. AS: YE. EL: Somalia.

Ref.: Linnavuori & Van Harten, 1997 (biol.).

Genus *Bethylimorphus* Lindberg, 1953

Bethylimorphus Lindberg, 1953: 68 (in Bledionotinae). Type species by original designation: *Bethylimorphus leucophaes* Lindberg, 1953.

Bethylomorphus Stichel, 1959: 329. Lapsus.

Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.).

***Bethylomorphus leucophaes* Lindberg, 1953**

Bethylomorphus leucophaes Lindberg, 1953: 70. HT: ♂, CI, Gomera or Tenerife; MZHF.

Distr. NA: CI.

Ref.: Seidenstücker, 1964b (in Oxycareninae).

Genus *Bianchiella* Reuter, 1907

Bianchiella Reuter, 1907: 599. Type species by monotypy: *Bianchiella adelungi* Reuter, 1907.

Bianchiella Péricart, 1998b: 128; 1999b: 87-89; 1999c: 420, 424, 454, 477. Lapsus.

Ref.: Kiritshenko, 1926 (syst. position); Péricart, 1999b (monogr.); Stichel, 1958 (monogr.).

***Bianchiella adelungi* Reuter, 1907**

Bianchiella adelungi Reuter, 1907: 599. LT (designated here): ♂ (brach.), RU (ES), Darasun, S of Chita; ZMAS.

Distr. AS: CH (NO WP) MG RU (ES). EL: N India.

Ref.: Hutchinson, 1934; Zheng & Zou, 1981a.

***Bianchiella sarmatica* Kiritshenko, 1926**

Bianchiella sarmatica Kiritshenko, 1926: 218. LT (Péricart, 1998b: 128): ♂, UK, Bolshaya Aleksandrovka nr river Ingulets (lower Valley of Dniepr); ZMAS.

Distr. EU: EK RU (ST) UK. AS: AK.

Ref.: Kiritshenko, 1951a (key).

Genus *Bogdiana* Kerzhner, 1964

Bogdiana Kerzhner in Kerzhner & Jaczewski, 1964: 786, 800. Type species by monotypy:

Bogdiana myrmica Kerzhner, 1964.

Bogdania Péricart, 1999b: 3, 104, 441, 447; 1999c: 425, 444, 463. Lapsus.

Ref.: Péricart, 1999b (monogr.).

***Bogdiana myrmica* Kerzhner, 1964**

Bogdiana myrmica Kerzhner in Kerzhner & Jaczewski, 1964: 800. LT (Kerzhner, 1964: 116, as HT): ♂, RU (ST), Astrakhan Prov., lake Baskuntshak nr Bolshoe Bogdo Mt; ZMAS.

Distr. EU: RU (ST) UK. AS: AK.

Genus *Brachyplax* Fieber, 1860

Brachyplax Fieber, 1860: 53; 1861a: 206. Type species by monotypy: *Brachyplax albidus* Fieber, 1861 (= *Stenogaster tenuis* Mulsant & Rey, 1852).

Ref.: Carayon, 1964 (female genitalia); Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Stichel, 1958 (monogr.).

***Brachyplax tenuis* (Mulsant & Rey, 1852)**

Stenogaster tenuis Mulsant & Rey, 1852: 122. ST(S): FR, Gard, nr Aigues-Mortes; lost.

Pachymerus palliatus A. Costa, 1853: 28 (syn. Puton, 1874a: 226). LT (Péricart in Carapezza et al., 1995: 286): ♂, IT, Sardinia, Sassari; ZIUN.

Brachyplax albidus Fieber, 1861a: 206 (syn. Puton, 1874a: 226). ST(S): Corsica; lost?

Brachyplax linearis Scott, 1872: 193 (syn. Reuter, 1890b: 249). HT: ♀, FR, Corsica; BMNH.

Brachyplax palliata var. *rufipes* A. Costa, 1884: 59. LT (Péricart in Carapezza et al., 1995: 286): IT, Sardinia, Scala di Giocca; ZIUN.

Distr. EU: AU BH BU CR CZ ET FR GR HU IT MC PO RO RU (ST) SK SL SP SZ UK YU. NA: AG EG? LB MO TU. AS: AB AK AR AT CY GG IS KI SY TD TM UZ.

Genus *Bycanistellus* Reuter, 1890

Bycanistes Stål, 1872: 50 (junior homonym of *Bycanistes* Cabanis & Heyne, 1860, Aves).

Type species by monotypy: *Bycanistes naso* Stål, 1872.

Bycanistellus Reuter, 1890b: 249. New name for *Bycanistes* Stål, 1872.

Ref.: Carayon, 1964 (female genitalia); Péricart, 1999b (monogr.); Stichel, 1958 (monogr.).

***Bycanistellus naso* (Stål, 1872)**

Bycanistes naso Stål, 1872: 50. ST(S): ♂, AG, "Bône" [= Annaba]; lost?

Distr. NA: AG EG LB MO TU. AS: IS.

Genus *Camptotelus* Fieber, 1860

Camptotelus Fieber, 1860: 53; 1861a: 204. Type species by monotypy: *Heterogaster lineolatus* Schilling, 1829.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Stichel, 1958 (monogr.); Vinokurov, 1988 (monogr.).

***Camptotelus lineolatus lineolatus* (Schilling, 1829)**

Heterogaster lineolatus Schilling, 1829: 89. ST(S): PL, Silesia; lost.

Heterogaster costatus Herrich-Schaeffer, 1840b: 34 (syn. Fieber, 1851a: 466). STS: GE, Erlangen and elsewhere; lost.

Distr. EU: AN! AU BU BY CR CZ EK FR GE GR HU IT LT MC MD PL RO RU (ST) SK SP SZ UK YU. AS: AB AK AR AT KI MG RU (ES FE WS) UZ.

Ref.: Michalk, 1938a (biol.); K. Schmidt, 1932 (comparison with *Tropidophlebia*); Seidenstücker, 1961a (comparison with *Tropidophlebia costalis*).

***Camptotelus lineolatus damavandi* Hoberlandt, 1987**

Camptotelus lineolatus damavandi Hoberlandt, 1987: 13. HT: ♂, IN (north), Mazandaran, Central Elburz, Lajran; NMPC.

Distr. AS: IN.

***Camptotelus parallelus* Horváth, 1894**

Camptotelus parallelus Horváth, 1894: 173, 181. HT (see Péricart, 1996a: 156): ♂, AR, Erevan; HNHM.

Camptotelus angustus Kiritshenko, 1912b: 385 (syn. Hoberlandt, 1987: 13). HT: ♂, KI, Taldy-bulak, N slope of Alexander Mts [= Kirgizian Alatau Range]; ZMAS.

Camptotelus montandoni Kiritshenko, 1912b: 385 (syn. Hoberlandt, 1987: 13). LT: (Péricart, 1998b: 128): ♂ (brach.), UZ, "Prov. Samarkand, Aman Kutan"; ZMAS.

Distr. AS: AB AK AR AT IN KI TD TM UZ.

Note: In Péricart (1998b) erroneously quoted as synonym of *Camptotelus lineolatus*.

Genus *Jakowleffia* Puton, 1875

Jakowleffia Puton, 1875c: 512. Type species by monotypy: *Anomaloptera setulosa* Jakovlev, 1874.

Jakovlevia: Stichel, 1959: 326. Unjustified emendation.

Ref.: Carayon, 1964 (female genitalia); Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.).

***Jakowleffia inanna* Linnavuori, 1984**

Jakowleffia inanna Linnavuori, 1984: 12. HT: ♂, IQ, Karbala, Ain Al Tamar-Ramadi; coll. Linnavuori, Raisio, FI.

Distr. NA: EG. AS: IQ.

***Jakowleffia setulosa* (Jakovlev, 1874)**

Anomaloptera setulosa Jakovlev, 1874a: 261. LT (Péricart, 1998b: 126): ♂ (brach.), RU (ST), nr Astrakhan; ZMAS.

Distr. EU: EK RU (ST) UK. AS: AK CH (NO NW) KI MG RU (ES WS) TD UZ.

Ref.: Kiritshenko, 1951a; Linnavuori, 1953 (macr. form); Puton, 1875c (*Jakowleffia*); Zheng & Zou, 1981a.

Genus *Leptodemus* Reuter, 1900

Leptodemus Reuter, 1900b: 244. Type species by monotypy: *Macropterna minuta* Jakovlev, 1874.

Cyproplax Lindberg, 1948: 68 (syn. Linnavuori, 1960: 39). Type species by monotypy:

Cyproplax avenae Lindberg, 1948 (= *Leptodemus bicolor* Lindberg, 1924).

Paraleptodemus Kiritshenko, 1964: 160 (syn. Muminov, 1973: 76). Nomen nudum.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); K. Schmidt, 1939b (key); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Leptodemus bicolor* Lindberg, 1924**

Leptodemus bicolor Lindberg, 1924: 39. HT: ♂, TM, Repetek; MZHF.

Leptodemus bicolor var. *ventralis* K. Schmidt, 1939b: 20. STS: ♂, ♀, EG, Pyramids.

Cyproplax avenae Lindberg, 1948: 68 (syn. Linnavuori, 1960: 39). HT: ♂, CY, Ayia Napa; MZHF.

Paraleptodemus venosus Kiritshenko, 1964: 160 (syn. Muminov, 1973: 76). Nomen nudum.

Distr. EU: GR IT. NA: EG LB. AS: CY IN IQ IS KI TD TM UZ.

***Leptodemus minutus* (Jakovlev, 1874)**

Macropterna minuta Jakovlev, 1874b: 64. LT (Péricart, 1994a: 97): ♀, RU (ST), Astrakhan; ZMAS.

Leptodemus minutus var. *albicans* Reuter, 1900b: 245. HT: ♂, UZ, Schagimardan [= Shakhimardan]; lost.

Leptodemus minutus var. *pallidula* Reuter, 1900b: 245. HT: ♂, AG, South, Oued-Saïda; MZHF.

Leptodemus scortecii Mancini, 1936: 304 (syn. Péricart, 1994a: 97). LT (Péricart, 1994a: 97): ♂, LB, Fezzan, Uadi Tanezruft; MCSN.

Leptodemus scortecii f. *mancinii* Stichel, 1958: 144.

Leptodemus minutus var. *pallidus* [sic] Wagner, 1958b: 201. Lapsus for *pallidulus*.

Distr. EU: EK IT! RU (ST) SP UK. NA: AG CI EG LB MO TU. AS: AB AF AK AT CY IN IQ IS JO KI KU MG SA SI SY TD TM UZ YE. EL: Sudan.

Ref.: Bergevin, 1923b (biting man); Çagatay, 1985a; Priesner, 1939 (pullulation).

Genus *Macroplax* Fieber, 1860

?*Pedeticus* Laporte, 1833: 52 (syn. Fieber, 1861a: 207, suspected). Type species by monotypy: *Pedeticus marmoratus* Laporte, 1833.

Macroplax Fieber, 1860: 53; 1861a: 206. Type species by subsequent designation (Oshanin, 1912: 32): *Oxycarenum preysleri* Fieber, 1837.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Macroplax fasciata fasciata* (Herrich-Schaeffer, 1835)**

?*Pedeticus marmoratus* Laporte, 1833: 52 (syn. Fieber, 1861a: 207, suspected). ST(S): FR, Paris; lost?

Heterogaster fasciatus Herrich-Schaeffer, 1835b: 19. ST(S): locality not given; lost.

Heterogaster guttula Herrich-Schaeffer, 1835a: 46 (syn. Horváth, 1875: 45). STS: EU?;

lost.

Oxycarenus helferi Fieber, 1837: 343 (syn. Puton, 1869b: 17). ST(S): IT, Sicily; lost?
Aphanus insignis A. Costa, 1843b: 45 (syn. Herrich-Schaeffer, 1850: 215). LT (Péricart in Carapezza et al., 1995: 285): ♀, IT (south); ZIUN.

Macroplax nevadensis Lindberg, 1932: 34 (syn. Lindberg, 1953: 67). HT: ♂, SP, Sierra Nevada; MZHF

Macroplax fasciata var. *nigroantennata* Mancini, 1952a: 61. HT: ♀, IT, Sicily, Messina; MCSN.

Distr. EU: AL AN AU BH BU CR FR GB (Jersey) GE GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. NA: AG CI LB MO TU. AS: AB AR AT CY GG IS LE SY.

***Macroplax fasciata blancae* Hoberlandt, 1943**

Macroplax blancae Hoberlandt, 1943: 43, 45 (downgraded by Péricart, 1999b: 28). HT: ♂, IQ, Kurdistan, Shaklawa; NMPC.

Macroplax fasciata f. *meridionalis* Hoberlandt, 1943: 43, 46 (syn. Péricart, 1999b: 28, partly with *blancae*). LT (Péricart, 1998c: 9): ♂, IQ, Kurdistan, Shaklawa; NMPC.

Macroplax blankai Stichel, 1959: 328. Lapsus or unjustified emendation for *blancae*.

Distr. AS: IN IQ TM.

***Macroplax preyssleri* (Fieber, 1837)**

Lygaeus modestus var. *β* Fallén, 1829: 57.

Oxycarenus preyssleri Fieber, 1837: 343. ST(S): CZ, nr Pragae, Kuchelbad; lost?

Stenogaster fuscovenosus Dahlbom, 1851: 221 (syn. Thomson, 1870a: 184). ST(S): ♀, SV, Gotland; lost?

Oxycarenus lineolatus (non Schilling, 1829): Flor, 1860: 283. Misidentification (see Puton, 1886a: 24).

Macroplax preyssleri [sic] var. *jacqueti* Pic, 1910b: 39. ST(S): FR, Isère, Décines; lost?

Distr. EU: AL AN AU BE BH BU CR CZ EK EN FI FR GB GE GR HU IT LU MC MD PL RO RU (CT ST) SK SL SP SV SZ UK YU. NA: MO? AS: AR? AT GG?

Ref.: Michalk, 1938a (biol.).

***Macroplax vicina* Puton, 1889**

Macroplax vicina Puton in Noualhier, 1889: 299. HT: CI, Tenerife; lost?

Macroplax vicina f. *brunnea* Lindberg, 1953: 68. HT: ♂!, CI, La Palma, Caldera; MZHF.

Distr. EU: FR IT. NA: CI.

Genus *Macropternella* J.A. Slater, 1957

Macropterna Fieber, 1860: 54; 1861a: 208 (junior homonym of *Macropterna* Hitchcock, 1848, Amphibia). Type species by subsequent designation (Oshanin, 1912: 32):

Oxycarenus inermis Fieber, 1851.

Macropternella J.A. Slater, 1957: 36. New name for *Macropterna* Fieber, 1860.

Ref.: Péricart, 1993a (rev.), 1999b (monogr.); Stål, 1872; Stichel, 1958 (monogr.); Wagner, 1956c.

***Macropternella bicolor bicolor* (Scott, 1872)**

Macropterna bicolor Scott, 1872: 193. LT (Péricart, 1993a: 436): ♂, FR, Corsica; BMNH.

Distr. EU: FR (Corsica) IT (Sardinia).

***Macropternella bicolor conica* (Rey, 1888)**

Macropterna convexa var. *conica* Rey, 1888a: 99 (upgraded to species by Rey, 1888b: 3; downgraded to subspecies of *bicolor* by Péricart, 1993a: 439). LT (Péricart, 1993a: 437): ♂, FR, Provence; MHNL.

Macropterna conica var. *cannensis* Pic, 1910b: 38 (syn. Péricart, 1993a: 441, suspected). ST(S): FR, Cannes; lost.

Macropternella conica f. *intermedia* Stichel, 1958: 148.

Macropternella conica f. *nigriclavus* Stichel, 1958: 148.

Distr. EU: FR IT PO SP. NA: MO TU.

Ref.: Seabra, 1937 (biol., redescr.); Wagner, 1956c (syst.).

***Macropternella convexa* (Fieber, 1837)**

Oxycarenum convexus Fieber, 1837: 345. ST(S): IT, Sicily; lost?

Macropterna foveicollis A. Costa, 1881: 42, 57 (syn. Péricart, 1993a: 439). LT (Péricart in Carapezza et al., 1995): ♂ (submacr.), IT, Calabria; ZIUN.

Distr. EU: IT MA PO SP. NA: TU.

Ref.: Mancini, 1952a (redescr.); J.A. Slater, 1964a (*Macropternella*); Wagner, 1956c (syst.).

***Macropternella gibbicollis* (Puton, 1887)**

Macropterna gibbicollis Puton, 1887: 96. LT (Péricart, 1993a: 437): ♂, TU, Sousse; MNHN.

Macropterna convexicollis [sic] Wagner, 1956c: 13. Lapsus (see J.A. Slater, 1964a: 654).

Distr. NA: TU.

Ref.: J.A. Slater, 1964a (*Macropternella*).

Note: Probably only a North African subspecies of *Macropternella bicolor* (see Péricart, 1999b: 66).

***Macropternella inermis* (Fieber, 1851)**

Oxycarenum inermis Fieber, 1851a: 464. ST(S): YU, Serbia; lost?

Macropterna lethierryi Saunders, 1876b: 221 (syn. Puton, 1881b: 122). HT (see Péricart, 1993a: 436): GR, Attica; lost?

Macropterna ornata Jakovlev, 1889b: 331 (syn. Péricart, 1994a: 97). HT: ♂, TM, "Transcaspien"; ZMAS.

Distr. EU: AU? GR YU. NA: AG CI EG LB MO TU. AS: AB AK AT CY IQ IS KU SA SY TD TM UZ YE. EL: Ethiopia, Sudan.

Ref.: Linnavuori & Van Harten, 1997 (biol.); Priesner, 1939 (pullulation); J.A. Slater, 1964a (*Macropternella*).

***Macropternella marginalis* (Fieber, 1861)**

Macropterna marginalis Fieber, 1861a: 208. HT?: ♂, FR; MNHN.

Distr. EU: FR IT? PO SP.

Ref.: J.A. Slater, 1964a (*Macropternella*).

Genus *Metopoplax* Fieber, 1860

Metopoplax Fieber, 1860: 53; 1861a: 207. Type species by monotypy: *Pachymerus ditomoides* A. Costa, 1847.

Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Metopoplax ditomoides* (A. Costa, 1847)**

Pachymerus ditomoides A. Costa, 1847a: 36. LT (Péricart in Carapezza et al., 1995: 285): ♂, IT, South; ZIUN.

Distr. EU: BE BH BU FR GB GE IT LU MA MC NL PO SP SZ YU. NA: AG LB MO TU.

Ref.: Fieber, 1861a (*Metopoplax*); Michalk, 1938a (biol.); Woodroffe, 1953 (biol.).

***Metopoplax fuscinervis* Stål, 1872**

Metopoplax fuscinervis Stål, 1872: 50. LT (designated here): ♂, AG, "Bône"

[= *Annaba*]; MNHN.

Metopoplax ditomoides var. *decipiens* A. Costa, 1885: 251 (syn. Puton, 1886a: 24).

ST(S): IT, Sardinia; lost?

Distr. EU: AU BE CZ? ET FR GB GE! IT MC NL! PO RO SK? SP. NA: AG MO TU.

AS: AT CY IS.

Ref.: Péricart, 1999b; Seabra, 1930b; Stichel, 1937 (syst.), 1958.

***Metopoplax origani* (Kolenati, 1845)**

Cymus origani Kolenati, 1845: 90. LT (designated here): ♀, RU (ST) or AB, "Caucasus" or "Karabakh"; NHMW.

Stenogaster ditomoides (non A. Costa, 1847): Herrich-Schaeffer, 1850: 216.

Misidentification (see Puton, 1886a: 24).

Microplax interrupta (non Fieber, 1837): Fieber, 1861a: 208, partly. Misidentification (see Puton, 1886a: 24).

Metopoplax origani var. *cingulata* Horváth, 1882a: 221 (syn. Puton, 1899: 29, with *fuscinervis*; Péricart, 1999b: 39). LT (Péricart, 1996a: 156): ♂, UK, Crimea, Sevastopol; HNHM.

Distr. EU: AL AU BH BU CR CZ EK ET FR? GE GR HU IT MC MD PL RO RU (CT ST) SK SL UK YU. AS: AB AF AK AR AT CY GG IN IS JO KI SY TD TM? UZ.

Ref.: Horváth, 1882a (redescr.); V.G. Putshkov, 1969b (larvae).

Genus *Microplax* Fieber, 1860

Microplax Fieber, 1860: 53; 1861a: 207. Type species by subsequent designation (Oshanin, 1912: 32): *Oxycarenum plagiatus* Fieber, 1837.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Microplax albofasciata* (A. Costa, 1847)**

Pachymerus albofasciatus A. Costa, 1847b: 15. LT (Péricart in Carapezza et al., 1995: 284): IT, nr Naples; ZIUN.

Microplax dimidiatus Fieber, 1861a: 208 (syn. Puton, 1874a: 226). ST(S): FR, nr Toulouse; lost?

Distr. EU: AL AN BE? BH BU CR ET FR GB (Jersey) GR IT MC PO RO SP UK. NA: AG TU. AS: AT CY? IS.

***Microplax carmini* (Linnavuori, 1960)**

Camptotelus carmini Linnavuori, 1960: 38. HT: ♀, IS, Kefar Malal, Carmin; coll. Linnavuori, Raisio, FI.

Distr. AS: IS YE.

Ref.: Hoberlandt, 1987 (*Microplax*).

***Microplax fasciata* Zaitzeva, 1975**

Microplax fasciata Zaitzeva, 1975: 827. HT: ♂, GG, Gornaya Tushetiya, Omalo; ZMAS.

Distr. EU: RU (ST). AS: GG.

***Microplax hissariensis* Kiritshenko, 1914**

Microplax hissariensis Kiritshenko, 1914a: 412. LT (Péricart, 1998b: 127): ♂, TD, "Bukhara sept.", Mura pass; ZMAS.

Distr. AS: CH (WP) MG TD.

Ref.: Kiritshenko, 1964; Zheng & Zou, 1987 (*Camptotelus*).

***Microplax interrupta* (Fieber, 1837)**

Heterogaster lineolatus (non Schilling, 1829): Herrich-Schaeffer, 1834: 8.

Misidentification (see Puton, 1886a: 24).

Oxycarenus interruptus Fieber, 1837: 345. ST(S): CZ, Bohemia, Pragae; lost?
Distr. EU: AL AN AU BH BU CR CZ EK ET FR GR HU IT MC MD PO RO RU (ST)
SK SL! SP UK YU. NA: AG CI EG MO MR TU. AS: AB AK AR AT CH (NW) CY
GG IN IQ IS KI LE MG SY TD TM UZ. EL: India.
Ref.: Baerensprung, 1860 (*Microplax*); Zheng & Zou, 1981a.

***Microplax limbata* Fieber, 1864**

Microplax limbatus Fieber, 1864: 322. ST(S): ♂, AT, "Klein Asien"; lost.
Distr. EU: GR. AS: AT CY IQ IS LE SY.
Ref.: Çagatay, 1985a (tax.); Reuter, 1913 (redescr.).

***Microplax montana* Hoberlandt, 1987**

Microplax montanus Hoberlandt, 1987: 19. HT: ♀ (submacr.), IN, Tehran-Evin; NMPC.
Distr. AS: IN.

***Microplax obscuripennis* (Kiritshenko, 1914)**

Camptotelus obscuripennis Kiritshenko, 1914a: 411. LT (Péricart, 1998b: 128): ♂, TD,
Laudan pass; ZMAS.
Distr. AS: CH (SW WP) IN TD.
Ref.: Muminov, 1973 (*Microplax*); Zheng & Zou, 1981a.

***Microplax oreites* Muminov, 1973**

Microplax oreites Muminov, 1973: 75. HT: ♂, TD, 10 km N of Fedchenko Glacier,
valley of Kaindy river; ZMAS.
Distr. AS: TD.

***Microplax plagiata* (Fieber, 1837)**

Oxycarenus plagiatus Fieber, 1837: 342. ST(S): SP, Andalusia; lost?
Distr. EU: IT PO SP. NA: AG CI LB MO TU. AS: IS JO SA.
Ref.: Fieber, 1861a (*Microplax*).

Genus *Neocamptotelus* Hoberlandt, 1987

Neocamptotelus Hoberlandt, 1987: 18. Type species by original designation: *Camptotelus*
aeonii Lindberg, 1953.

***Neocamptotelus aeonii* (Lindberg, 1953)**

Camptotelus aeonii Lindberg, 1953: 64. HT: ♂, CI, Tenerife, Valle de Masca; MZHF.
Distr. NA: CI (Tenerife).
Ref.: Hoberlandt, 1987 (*Neocamptotelus*).

Genus *Oxycarenus* Fieber, 1837

Stenogaster Hahn, 1835: 15 (junior homonym of *Stenogaster* Guérin, 1831, Hymenoptera).

Type species by monotypy: *Stenogaster tardus* Hahn, 1835 (= *Acanthia lavaterae*
Fabricius, 1787).

Oxycarenus Fieber, 1837: 339. New name for *Stenogaster* Hahn, 1835.

Maruthas Distant, 1911a: 44 (syn. Horváth, 1912: 609). Type species by original
designation: *Maruthas saniosus* Distant, 1911, Sri Lanka.

Extralimital subgenus: *Pseudoxycarenus* Samy, 1969, tropical Africa.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Samy, 1969 (rev.
African spp.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

Subgenus *Euoxycarenus* Samy, 1969

Euoxycarenus Samy, 1969: 153. Type species by original designation: *Stenogaster pallens*
Herrich-Schaeffer, 1850.

***Oxycarenum pallens* (Herrich-Schaeffer, 1850)**

Stenogaster pallens Herrich-Schaeffer, 1850: 214, 215. HT: HU; lost.

Stenogaster collaris Mulsant & Rey, 1852: 121 (syn. Dohrn, 1858: 228). ST(S): FR (south); lost.

Oxycarenum roseus Lethierry, 1877: 36 (syn. Horváth, 1907: 302). HT: ♂, Gibraltar; ISNB (see Synave, 1967: 13).

Oxycarenum luteolus Hoberlandt, 1943: 46 (downgraded to subspecies by Linnavuori, 1965: 24; syn. Samy, 1969: 153). HT: ♂, TU, Le Kef; NMPC.

Oxycarenum longiceps Wagner, 1954b: 103 (syn. Péricart, 1999b: 20). HT: ♀, IT, Sicily, Mt Etna; INER.

Distr. EU: AU BH BU CR CZ EK FR GR HU IT MC MD PO RO RU (CT ST) SK SL SP UK YU. NA: AG CI EG LB MO TU. AS: AB AF AK AR AT CH (NO NW) CY GG IN IQ IS JO KI LE MG SY TD TM UZ YE. EL: India, Sudan.

Ref.: Stehlík & Vavřínová, 1996, 1997 (biol.); Zheng & Zou, 1981a.

Subgenus *Oxycarenum* Fieber, 1837

***Oxycarenum bicolor bicolor* Fieber, 1851**

Oxycarenum bicolor Fieber, 1851a: 463. ST(S): India; lost?

Oxycarenum musculus Breddin, 1907b: 219 (syn. Horváth, 1926: 136). STS: ♂, ♀, "Ceylon" [= Sri Lanka], Weligama, Trincomalee, Anuradhapura; lost?

Distr. AS: CH (SE) TA. EL: Oriental and Pacific Regions.

Extralimital subspecies: *Oxycarenum bicolor heraldus* Distant, 1903, Burma.

Ref.: Barber, 1958 (redescr.); Chatterjee, 1937 (biol.); Esaki, 1941 (biol.); Gross, 1959 (descr., key).

***Oxycarenum cruciatus* Linnavuori, 1978**

Oxycarenum cruciatus Linnavuori, 1978: 64. HT: ♂, Sudan, Kassala, Erkowit; AMNH.

Distr. AS: YE. EL: Sudan, Ethiopia, Somalia.

***Oxycarenum gossypii* Horváth, 1926**

Oxycarenum gossypii Horváth, 1926: 136. STS: ♂, ♀, Vietnam ("Cochinchina") and TA ("Formosa, Takao"); MNHN?, HNHM?

Distr. AS: TA. EL: Indochina.

Ref.: Hargreaves, 1948 (cotton pest).

***Oxycarenum hsiaoi* Péricart, nom. nov.**

Oxycarenum brunneus Zheng, Zou & Hsiao, 1979a: 366, 370 (junior primary homonym of *Oxycarenum brunneus* Samy, 1969). HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong; IZAS.

Distr. AS: CH (SW).

Ref.: Zheng & Zou, 1981a (*brunneus*).

***Oxycarenum hyalinipennis* (A. Costa, 1843)**

Aphanus tardus var. *hyalinipennis* A. Costa, 1843b: 45 (upgraded by A. Costa, 1875: 6). LT (Péricart in Carapezza et al., 1995: 286): ♂, IT, south; ZIUN.

Oxycarenum leucopterus Fieber, 1851a: 466 (syn. Baerensprung, 1860: 11). STS: IT, PO, SY, and South Africa; lost?

Oxycarenum cruralis Stål, 1856a: 196 (syn. Puton, 1886a: 24). ST(S): South Africa, Caplandet; lost.

Cymus cincticornis Walker, 1870: 2379 (syn. Puton, 1890: 234). ST(S): Eritrea, along Red Sea, "Harkeko" [= Arkiko, nr Mitsiwa]; lost.

Oxycarenum castaneus Bergevin, 1932e: 255 (syn. Péricart, 1994a: 96). HT (see Péricart, 1994a: 96): ♀, TU, Nefta; MNHN.

?*Oxycarenum nigricornis* Samy, 1969: 120 (syn. J.A. Slater, 1972: 66, 70, suspected).

- HT: ♂, Kenya, Kismu; BMNH.
Distr. EU: AU BH BU CR FR GR IT PO SK SP YU. **NA:** AG CI EG LB MO TU.
AS: AB? AF AR AT CY IN IQ IS JO LE SA SI SY YE. **EL:** Oriental Region, tropical and S Africa, and introduced in S America.
Ref.: Barbosa, 1950a (larva, ecology).
Note: The record from CH in J.A. Slater (1964a: 674), based on Reuter (1888b), seems to be discarded.
- Oxycareus lacteus* Kiritshenko, 1914**
Oxycareus lacteus Kiritshenko, 1914a: 412. LT (Péricart, 1998b: 127): ♂, UZ, Aman Kutan; ZMAS.
Distr. AS: KI TD UZ.
- Oxycareus laetus* Kirby, 1891**
Oxycareus laetus Kirby, 1891: 102. HT: ♀, "Ceylon" [= Sri Lanka], Hambantotta; BMNH.
Oxycareus lateus auct. Lapsus.
Distr. AS: AF CH (SE) IQ TA. **EL:** Burma, India, Indochina, Malaysia, Sri Lanka.
Ref.: Zheng & Zou, 1981a.
- Oxycareus latericius* Kiritshenko, 1914**
Oxycareus latericius Kiritshenko, 1914b: 188. LT (Péricart, 1998b: 127): ♂, TM, middle course of Amudarya river, Farab; ZMAS.
Distr. AS: TM.
- Oxycareus lavaterae* (Fabricius, 1787)**
Acanthia lavaterae Fabricius, 1787: 278. LT (Péricart, 1999d: 82): ♀, TU; ZMUC.
Stenogaster tardus Hahn, 1835: 16 (syn. Herrich-Schaeffer, 1836a: 112, 114). STS: IT, Sardinia; lost.
Stenogaster sculus Herrich-Schaeffer, 1850: 214, 217 (syn. Fieber, 1861a: 205). HT: ♂, IT, Sicily, Messina; lost.
Distr. EU: AU? BH BU CR FR HU IT MA PO SK SL SP SZ YU. **NA:** AG CI MO TU.
AS: SA YE. **EL:** tropical and S Africa.
- Oxycareus lugubris* (Motschulsky, 1859)**
Stenogaster? lugubris Motschulsky, 1859: 108. LT (Kerzhner & Jansson, 1985: 40): ♂, "Ceylon" [= Sri Lanka], mountains nr Nuwara-Eliya; ZMMU.
Rhopalus? funeralis Kirby, 1891: 97 (syn. Distant, 1901b: 475). LT (Péricart, 1999d: 81): ?, Sri Lanka, Nitagala; BMNH.
Oxycareus limbatipennis Breddin, 1899: 20 (syn. Bergroth, 1921a: 99). HT (see Gaedike, 1971: 117): ♀, Indonesia, Lombok Is., Sapit; DEIC.
Distr. AS: CH (SW) TA. **EL:** Oriental and Pacific Regions.
Ref.: Bergroth, 1918 (descr.); Distant, 1903a; Horváth, 1926 (cotton pest); Zheng & Zou, 1981a.
- Oxycareus modestus* (Fallén, 1829)**
Lygaeus modestus Fallén, 1829: 57. STS: SV; lost?
Heterogaster basalis Herrich-Schaeffer, 1836b: 18 (syn. Fieber, 1851a: 464). ST(S): AU; lost.
Oxycareus spitzyi Fieber, 1837: 340 (syn. Flor, 1860: 285). STS: AU (Steiermark, Kraig) and GE (Bayern); lost.
Heterogaster schillingii Scholtz, 1847: 142 (syn. Baerensprung, 1860: 11, with *spitzyi*). HT: PL, Silesia; lost.
Stenogaster fallenii R.F. Sahlberg, 1848: 69 (syn. Boheman, 1851: 250). LT (Péricart, 1997a: 68): ♂, FI, nr Åbo, Rönkäholmen Is.; MZHF.

Pachymerus quinque maculatus Mulsant & Rey, 1852: 119 (syn. Puton, 1873: 23). ST(S): FR, "Beaujolais", Rhône; lost.

Distr. EU: AU BE BH BU BY CZ FI FR GE HU IT LA LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AT CH (SW).

Ref.: Cobben, 1951 (biol.); Schneider, 1940 (biol.); Zheng & Zou, 1981a.

***Oxycarenum rubrothoracicus* Zheng, Zou & Hsiao, 1979**

Oxycarenum rubrothoracicus Zheng, Zou & Hsiao, 1979a: 365, 370. HT: ♂, CH (SW), Yunnan, Jing-dong; IZAS.

Distr. AS: CH (SW).

Ref.: Zheng & Zou, 1981a.

***Oxycarenum zavattarii zavattarii* Mancini, 1939**

Oxycarenum zavattarii Mancini, 1939a: 210. LT (Samy, 1969: 99, as "type"; Péricart, 1999d: 85): ♂, Ethiopia, Borana reg., Javello [= Yabelo]; MCSN.

Oxycarenum zavattarii ab. *unicolor* Mancini, 1939b: 162 (unavailable name originally, but upgraded to var. by Mancini, 1956: 82). LT (Samy, 1969: 99, as "type"): ♀, Ethiopia, Harrar.

Distr. AS: SA YE. EL: tropical Africa (Eritrea, Ethiopia, Somalia, Sudan).

Ref.: Samy, 1969.

Genus *Philomyrmex* R.F. Sahlberg, 1848

Philomyrmex R.F. Sahlberg, 1848: 82. Type species by monotypy: *Philomyrmex insignis* R.F. Sahlberg, 1848.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Philomyrmex insignis* R.F. Sahlberg, 1848**

Philomyrmex insignis R.F. Sahlberg, 1848: 83. ST(S): FI; lost?

Oxycarenum viduus Stål, 1858b: 181 (syn. Stål, 1862a: 224). LT (Péricart, 1997a: 70): ♂, RU (ES), Irkutsk; NHRS.

Distr. EU: BY FI GE NR RU (CT NT ST) SV. AS: AK MG RU (ES FE WS).

Ref.: Melber & Sprick, 1993 (biol.); Pfaler, 1936 (biol.).

Note: The record from UZ (Péricart, 1999b) is based on misinterpretation of a label.

Genus *Tropidophlebia* Kerzhner, 1964

Tropidophlebia Kerzhner in Kerzhner & Jaczewski, 1964: 786, 799. Type species by monotypy: *Stenogaster costalis* Herrich-Schaeffer, 1850.

Ref.: Péricart, 1999b (monogr.); K. Schmidt, 1932 (morph.); J.A. Slater, 1964a (World cat.).

***Tropidophlebia costalis* (Herrich-Schaeffer, 1850)**

Stenogaster costalis Herrich-Schaeffer, 1850: 214, 216. ST(S): EU; lost.

Distr. EU: AU BU CZ EK EN FR GE HU IT NL PL RO? RU (CT NT ST) SK SV SZ UK YU? AS: AK MG RU (ES WS).

Ref.: Kerzhner in Kerzhner & Jaczewski, 1964 (*Tropidophlebia*); Magnien et al., 1999 (larva).

***Tropidophlebia subcarinata* Muminov, 1973**

Tropidophlebia subcarinata Muminov, 1973: 74. HT: ♂, TD, Chartym, on river Gunt; ZMAS.

Distr. AS: TD.

Subfamily RHYPAROCHROMINAE Amyot & Serville, 1843

RHYPAROCHROMINAE Amyot & Serville, 1843: 251 ("Rhyparochromides"). Type

genus: *Rhyparochromus* Hahn, 1826.
 PACHYMERINAE Uhler, 1860: 227 (Pachymeridae). Type genus: *Pachymerus* Lepeletier & Serville, 1825.
 MYODOCHINAE Stål, 1872: 40, 50 (Myodochina). Type genus: *Myodocha* Latreille, 1807, N and S America.
 APHANINAE Puton, 1887: 105 (Aphanini). Type genus: *Aphanus* Laporte, 1833.
 As replacement name for Pachymerinae.
 Ref.: Péricart, 1999b, 1999c (monogr.); Reuter, 1881c; Scudder, 1957d (key to tribes); J.A. Slater, 1964a (World cat.); Stål, 1874a; Stichel, 1958-1959 (monogr.); Sweet, 1967 (tribes).
 Note: "*Rhyparochromus dimidiatus*" Curtis, 1836: text to pl. 612, described shortly from England, Isle of Wight, which has remained unknown and cannot be attributed to a precise subfamily or genus, is not considered in the present catalogue

Tribe ANTILLOCORINI Ashlock, 1964

ANTILLOCORINI Ashlock, 1964: 414. Type genus: *Antillocoris* Kirkaldy, 1904, N America.
 Ref.: J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

Genus *Botocudo* Kirkaldy, 1904

Salacia Stål, 1874a: 154 (junior homonym of *Salacia* Lamouroux, 1816, Coelenterata).
 Type species by subsequent designation (Scudder, 1962c: 764): *Aphanus diluticornis* Stål, 1858, Brazil.

Botocudo Kirkaldy, 1904: 280. New name for *Salacia* Stål, 1874.

Ref.: J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Zheng & Zou, 1981a (monogr.).

Botocudo flavicornis (Signoret, 1880)

Tropistethus flavicornis Signoret, 1880: 538. LT (Péricart, 1999d: 81): ♂, Indonesia, Celebes [= Sulawesi], Macassar [= Ujung Pandang]; MCSN.

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

Ref.: Bergroth, 1895 (*Cligenes*); Scudder, 1970a (*Botocudo*).

Botocudo formosanus (Hidaka, 1959)

Cligenes formosanus Hidaka, 1959c: 3. HT: ♀, TA, "Taihoku" [= Taipei]; KUEC.

Distr. AS: CH (SE) JA (Ryukyus) TA.

Ref.: Scudder, 1970a (*Botocudo*).

Botocudo hirsutus Zheng, 1981

Botocudo hirsutus Zheng in Zheng & Zou, 1981a: 127, 593. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Meng-ban; IZAS.

Distr. AS: CH (SW).

Botocudo japonicus (Hidaka, 1959)

Cligenes japonicus Hidaka, 1959c: 4. HT: ♂, JA, Honshu, Shikoku, Kagawa Pref., Kida gun, Miki-mashi; KUEC.

Distr. AS: JA KO.

Ref.: Scudder, 1970a (*Botocudo*).

Botocudo marginatus Zheng, 1981

Botocudo marginatus Zheng in Zheng & Zou, 1981a: 128, 593. HT: ♀, CH (SW), Yunnan, Xishuangbanna, Meng-ban; IZAS.

Distr. AS: CH (SW).

***Botocudo marianensis marianensis* (Usinger, 1946)**

Cligenes marianensis Usinger, 1946: 32. HT: ♀, Isle of Guam, Piti; BPBM.

Distr. AS: CH (SW). EL: Guam, Mariana Is.

Ref.: Ashlock, 1964 (*Botocudo*).

Extralimital subspecies: *Botocudo marianensis scutellatus* (Barber, 1958), Caroline Is.

***Botocudo yasumatsui* (Hidaka, 1959)**

Cligenes yasumatsui Hidaka, 1959c: 1, 6. HT: ♂, JA, Kyushu, Kagoshima Pref., Yakushima, Miyanoura; KUEC.

Distr. AS: JA.

Ref.: Scudder, 1970a (*Botocudo*).

Genus *Homoscelis* Horváth, 1884

Homoscelis Horváth, 1884: 11, Type species by monotypy: *Homoscelis ruficollis* Horváth, 1884.

Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Homoscelis ruficollis* Horváth, 1884**

Homoscelis ruficollis Horváth, 1884: 11. LT (Scudder, 1970b: 204): ♀, GR, Corfu; HNHM.

Distr. EU: GR. AS: AT.

Note: In Péricart (1999b: 301), sex of LT is erroneously indicated as ♂.

Genus *Iodinus* Lindberg, 1927

Iodinus Lindberg, 1927: 11. Type species by original designation: *Iodinus ferrugineus* Lindberg, 1927.

***Iodinus ferrugineus* Lindberg, 1927**

Iodinus ferrugineus Lindberg, 1927: 12. HT: ♀, RU (FE), Primorsk Terr., Spasskaja [= Spassk-Dalniy]; MZHF.

Distr. AS: JA KO RU (FE).

Genus *Tropistethus* Fieber, 1860

Tropistethus Fieber, 1860: 48; 1861a: 184. Type species by monotypy: *Tropistethus ochropterus* Fieber, 1861 (= *Pachymerus holosericus* Scholtz, 1846).

Ref.: Ashlock, 1964 (in Antilocorini); Péricart, 1994b (rev.); 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Tropistethus fasciatus* Ferrari, 1874**

Tropistethus holosericeus var. *fasciatus* Ferrari, 1874: 161 (upgraded by Horváth, 1903: 555). LT (Péricart, 1994b: 257): ♂, IT, Liguria, Serravalle; MCSN.

Tropistethus sabuleti var. *majusculus* Horváth, 1882a: 222 (syn. Péricart, 1997b: 486). LT (Scudder, 1970b: 204): ♂, AB, Liryk [= Lerik]; HNHM.

Tropistethus gentilis Horváth, 1888a: 174 (syn. Horváth, 1903: 555). LT (Scudder, 1970b: 201): ♂, BH, Herzegovina, Bilek; HNHM.

Distr. EU: AL BH BU CR EN! FR GR HU? IT MC MD RO RU (ST) SK SP UK YU.
AS: AB AK AR AT GG KI TM UZ.

Ref.: V.G. Putshkov, 1969a.

***Tropistethus holosericus* (Scholtz, 1846)**

Pachymerus sabuleti (non Fallén, 1826): Hahn, 1834: 120. Misidentification (see Douglas & Scott, 1865: 200).

Pachymerus holosericus Scholtz, 1846: 53. STS: PL, Silesia; lost.

Pachymerus spinigerellus Boheman, 1852a: 57 (syn. Stål, 1862a: 218). LT (Péricart, 1994b: 257): ♂ (submacr.), SV, Stockholm; NHRS.

Tropistethus ochropterus Fieber, 1861a: 184 (syn. Fieber, 1861a: 388). STS: EU; lost?
Tropistethus holosericeus Fieber, 1861a: 388 et auct. Unjustified emendation.
Scolopostethus obscurus Garbiglietti, 1869: 117 (syn. Puton, 1886a: 26). ST(S): IT, nr Torino; MIZT?
 Distr. EU: AL AN AU BE BU CR CZ DE FI FR GB GE GR HU IT LS LU MA MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG? MO? TU?
 AS: AB AK AR AT GG IN?
 Ref.: Pfaler, 1936 (biol.).

***Tropistethus lanternae* Linnavuori, 1960**

Tropistethus lanternae Linnavuori, 1960: 33, 41. HT: ♂, IS, Dan; NMWC.
 Distr. EU: GR IT. AS: AB AT CY IN IQ IS TD.

***Tropistethus multilobatus* Péricart, 1994**

Tropistethus multilobatus Péricart, 1994b: 262. HT: ♂, TU, Thibar nr Ain Draham; coll. Péricart, Montereau, FR.
 Distr. NA: AG TU.

***Tropistethus nitidicollis* Puton, 1887**

Tropistethus nitidicollis Puton, 1887: 97. HT: ♀, TU, Ras el Aioun; MNHN.
 Distr. NA: TU.

***Tropistethus pallipes* Reuter, 1902**

Tropistethus pallipes Reuter, 1902: 149. LT (Péricart, 1994b: 259): ♀, PO, Guarda; MZHF.
 Distr. EU: IT PO SP.

***Tropistethus seminitens* Puton, 1889**

Tropistethus seminitens Puton in Noualhier, 1889: 302. LT (Scudder, 1967a: 157): ♂, CI, Tenerife; MNHN.
Tropistethus canariensis Noualhier, 1893: 11 (syn. Lindberg, 1953: 77). LT (Scudder, 1967a: 152): ♀, CI, Gran Canaria; MNHN.
 Distr. NA: CI MR.

***Tropistethus subfasciatus* Ferrari, 1874**

Tropistethus holosericeus var. *subfasciatus* Ferrari, 1874: 161 (upgraded by Péricart, 1994b: 262). LT (Péricart, 1994b: 257): ♂, IT, Genua; MCSN.
Tropistethus holosericeus var. *albidipennis* Horváth, 1888a: 173 (syn. Péricart, 1994b: 262). LT: (Scudder, 1970b: 201): ♂, GR, Corfu; HNHM.
 Distr. EU: FR (Corsica) GR IT SP.

Tribe CLERADINI Stål, 1874

CLERADINI Stål, 1874a: 143 (Cleradaria).
 Ref.: Ashlock, 1957 (morph.); J.A. Slater, 1964a (World cat.); Sweet, 1967 (morph.).

Genus *Clerada* Signoret, 1863

Clerada Signoret, 1863: 28. Type species by monotypy: *Clerada apicicornis* Signoret, 1863.

***Clerada apicicornis* Signoret, 1863**

Clerada apicicornis Signoret, 1863: 28. ST(S): Réunion; NHMW.
Gastrodes terminalis Walker, 1872: 122 (syn. White, 1878: 370). HT: ♀, Celebes; BMNH.
Clerada apicicornis auct. Lapsus.
 Distr. AS: JA. EL: pantropical, Hawaii.
 Ref.: Miller, 1971 (vector of trypanosomes); Sweet, 1960 (haematophagous).

Genus *Harmostica* Bergroth, 1918

Edulica Distant, 1903c: 45 (junior homonym of *Edulica* Hampson, 1901, Lepidoptera).

Type species by monotypy: *Edulica ornata* Distant, 1903, India, Sri Lanka.

Harmostica Bergroth, 1918: 107. New name for *Edulica* Distant, 1903.

Ref.: Scudder, 1957d (in Stygnocorini); J.A. Slater, 1964a (in Cleradini).

Harmostica emeia Zheng, 1980

Harmostica emeia Zheng, 1980: 153, 155. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (SW).

Harmostica hirsuta (Usinger, 1942)

Clerada hirsuta Usinger, 1942b: 249. HT: ♀, CH (SE), Hainan, Dwa-Bi; not located.

Distr. AS: CH (SE).

Ref.: Scudder, 1970a (*Harmostica*); Zheng & Zou, 1981a.

Genus *Reclada* White, 1878

Reclada White, 1878: 370. Type species by monotypy: *Reclada moesta* White, 1878.

Ref.: J.A. Slater, 1964a (World cat.).

Reclada moesta White, 1878

Reclada moesta White, 1878: 370. LT (Scudder, 1967b: 273): ♂, Hawaii Is, Honolulu; BMNH.

Clerada minuta China, 1924a: 435 (syn. China, 1930: 127). STS: ♀, Rodriguez Is.; lost (see note).

Distr. AS: CH (SW). EL: Pacific Region and Rodriguez Is. (Indian Ocean).

Ref.: Usinger, 1936b (biol.); Zheng & Zou, 1981a.

Note: In the BMNH, under this name only some parts of appendages remain.

Tribe DRYMINI Stål, 1872

DRYMINI Stål, 1872: 59 (Drymaria). Type genus: *Drymus* Fieber, 1860.

EREMOCORINI V.G. Putshkov, 1958a: 412 (syn. J.A. Slater, 1964a: 871). Type genus:

Eremocoris Fieber, 1860.

Ref.: Péricart, 1994c (syn., syst.); 1999b (monogr.); Stichel, 1958 (monogr.).

Genus *Appolonius* Distant, 1901

Appolonius Distant, 1901b: 484. Type species by monotypy: *Ophthalmicus cincticornis* Walker, 1872, India, Sri Lanka.

Agunga Distant, 1906a: 413 (syn. Scudder, 1957d: 154). Type species by original designation: *Agunga crassa* Distant, 1906.

Ref.: Scudder, 1956 (key), 1957d (in Drymini).

Appolonius crassus (Distant, 1906)

Agunga crassa Distant, 1906a: 413. LT (Scudder, 1967b: 262): ♂, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.

Distr. AS: CH (SW). EL: Sri Lanka.

Ref.: Miyamoto & Hidaka, 1960: 46 (*Appolonius*); Tomokuni, 1995a; Zheng & Zou, 1981a.

Appolonius oblongus Tomokuni, 1995

Appolonius [sic] *crassus* (non Distant, 1906): Miyamoto & Hidaka, 1960: 46.

Misidentification (see Tomokuni, 1995a: 181).

Appolonius oblongus Tomokuni, 1995a: 181. HT: ♂, JA, Ryukyus, Tokara, Nakano-shima Is.; NSMT.

Distr. AS: JA.

Genus *Drymus* Fieber, 1860

Drymus Fieber, 1860: 46; 1861a: 178. Type species by subsequent designation (Distant, 1903a: 92): *Drymus pilipes* Fieber, 1861.

Ref.: Le Quesne, 1956 (key, subgenera); Péricart, 1994a (notes, syn., syst.), 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (syst. position); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Zheng & Zou, 1981a (monogr.).

Subgenus *Drymus* Fieber, 1860

Drymus latus latus Douglas & Scott, 1871

Drymus latus Douglas & Scott, 1871: 25. HT: ♀, GB, Sussex, nr Hurst; OXUM.

Drymus pilicornis (non Mulsant & Rey, 1852): Horváth, 1875: 53. Misidentification (see Butler, 1923: 179).

Drymus confusus Horváth, 1881: 41 (syn. Saunders, 1907: 198). LT (Scudder, 1970b: 199): ♀, HU, Keszthely; HNHM.

Distr. EU: AU BE BH CR CZ FR GB GE HU IT LS LU MD NL PL RO SK SL SP SZ UK YU. AS: "Transcaucasia"?

Ref.: K. Schmidt, 1934 (biol.); Southwood & Leston, 1959 (descr., biol.).

Drymus latus obscurior Kerzhner, 1977

Drymus latus obscurior Kerzhner, 1977b: 26, 29. HT: ♀, RU (FE), nr Vladivostok, Sedanka; ZMAS.

Distr. AS: CH (NE) JA KO RU (FE).

Drymus pilicornis (Mulsant & Rey, 1852)

Pachymerus pilicornis Mulsant & Rey, 1852: 118. ST(S): FR: "Beaujolais, Bugey"; lost.

Distr. EU: AU BE BH BU CR CZ EN FI FR GB GE GR HU IR! IT LS LU NL PL PO RO RU (ST) SK SP SV SZ UK YU. NA: MR. AS: AR AT CH (NE) GG JA RU (FE).

Ref.: Le Quesne, 1956 (♂ genitalia, key); Pfaler, 1936 (biol.); Southwood & Leston, 1959 (biol., descr.).

Note: The record from CH (Hidaka, 1962a) needs confirmation.

Drymus pilipes Fieber, 1861

Drymus pilipes Fieber, 1861a: 179. ST(S): AU; lost?

Distr. EU: AU BH BU CR CZ FR GB GE GR IT MC MD RU (ST) SP UK. NA: AG? AS: AB AT CY IS LE SY.

Ref.: Le Quesne, 1956 (morph.).

Drymus scambus Stål, 1872

Drymus scambus Stål, 1872: 60. LT (Scudder, 1976: 34): ♀, AG, "Bône" [= Annaba]; NHRS.

Distr. EU: FR SP. NA: AG.

Ref.: Reuter, 1913 (redescr.).

Subgenus *Sylvadrymus* Le Quesne, 1956

Sylvadrymus Le Quesne, 1956: 337 (as subgenus of *Drymus*). Type species by original designation: *Cimex sylvaticus* Fabricius, 1775.

Ref.: Péricart, 1999b (monogr.); Southwood & Leston, 1959 (in key).

Drymus assimilis Horváth, 1897

Drymus assimilis Horváth, 1897: 87. LT (Scudder, 1970b: 198): ♂, TU, marais de Mabtouha; HNHM.

Distr. EU: SP. NA: AG EG MO TU.

Ref.: Péricart, 1999b (*Sylvadrymus*); Priesner & Alfieri, 1953.

***Drymus brunneus brunneus* (R.F. Sahlberg, 1848)**

?*Cimex testaceus* Rossi, 1794: 55 (junior primary homonym of *Cimex testaceus* Scopoli, 1763; syn. Reuter, 1888a: 383, suspected). ST(S): IT, "Etruria"; lost.

Rhyparochromus brunneus R.F. Sahlberg, 1848: 57. LT (Péricart, 1994b: 404): ♀, FI, Yläne; MZHF.

Pachymerus pallidulus Herrich-Schaeffer, 1850: 211 (syn. Stål, 1862a: 217). ST(S): EU (south; see Herrich-Schaeffer, 1853b: 149); lost.

Drymus notatus Fieber, 1861a: 179 (syn. Stål, 1862a: 217). ST(S): GE; lost?

Drymus brunneus var. *obscurus* J. Sahlberg, 1920: 72. LT (Péricart, 1994c: 404): ♂, FI, "Kuhmois"; MZHF.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EN ET FI FR GB GE GR IR IT HU LA LS LT LU MC NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AK AR AT GG IN RU (ES FE WS).

Ref.: Eyles, 1963a (biol.); Pfaler, 1936 (biol.).

Note: As quoted in Péricart (1997b: 485; 1999b: 255), the group of *Drymus brunneus*, except in W Europe, appears as a "complex". The separation in two subspecies indicated here has to be reconsidered after the study of sufficient material.

***Drymus brunneus confinis* Reuter, 1893**

Drymus confinis Reuter, 1893: 216 (downgraded to subspecies by Péricart, 1997b: 485, suspected). LT (designated here): ♀, AG, Mts Edough; MZHF.

Drymus brunneus f. *major* Lindberg, 1948: 76 (upgraded by Wagner, 1953a: 11; syn. Péricart, 1997b: 485). LT (Wagner, 1953a: 12): ♂, CY, Kykko; MZHF.

Distr. EU: IT? MC? CZ? SP? YU? NA: AG MO. AS: AT CY. EL: Pakistan.

Ref.: J.A. Slater, 1964a (subg. *Drymus*).

***Drymus laeiventris* Kerzhner, 1977**

Drymus (Sylvadrymus) laeiventris Kerzhner, 1977b: 27. HT: ♂, RU (FE), Amur Prov., Korsakovo on river Amur; ZMAS.

Distr. AS: KO RU (FE).

***Drymus marginatus* Distant, 1883**

Drymus marginatus Distant, 1883: 440. NT (Scudder, 1967b: 272): ♀, JA, Ichiuchi; BMNH.

Distr. AS: JA KO RU (FE).

Ref.: Esaki, 1950 (disc.); Hidaka, 1962a (subg. *Sylvadrymus*); Kerzhner, 1977b (distr.).

***Drymus orientalis* Kerzhner, 1977**

Drymus (Sylvadrymus) orientalis Kerzhner, 1977b: 28. HT: ♂, RU (FE), Sakhalin Is., Novoaleksandrovsk; ZMAS.

Distr. AS: JA RU (FE).

***Drymus parvulus* Jakovlev, 1881**

Drymus parvulus Jakovlev, 1881: 211. LT (Kerzhner, 1977b: 30): ♀, RU (FE), nr Vladivostok; ZMAS.

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

Ref.: Kerzhner, 1977b (subg. *Sylvadrymus*).

***Drymus pumilio* Puton, 1877**

Drymus pumilio Puton, 1877a: 67. LT (Scudder, 1967a: 156): ♂, FR, Lille; MNHN.

Distr. EU: BE FR GB GE IT LU NL PL.

Ref.: Le Quesne, 1956 (*Sylvadrymus*).

***Drymus ryeii* Douglas & Scott, 1865**

Drymus sylvaticus var. *ryeii* Douglas & Scott, 1865: 197 (upgraded by Le Quesne, 1956: 338). LT (Jessop, 1984: 263): ♂, GB, England, Croydon; Bolton Museum, England.

Drymus ryei auct. - Incorrect subsequent spelling.

Drymus sylvaticus var. *picinus* Rey, 1888b: 4 (syn. Horváth, 1897: 93). LT (Péricart, 1996b: 108): ♂, FR, nr Lyon; MHNH.

?*Drymus sylvaticus* var. *niger* D'Antessanty, 1891: 205 (syn. Horváth, 1897: 93). STS: FR, Dept Aube; lost?

Drymus sylvaticus var. *piceus* Puton, 1899: 36. Lapsus.

Distr. EU: AU BE BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LS LU MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: GG? IN JA? RU (ES WS).

Ref.: Cobben, 1958 (biol.); Le Quesne, 1956 (♂ genitalia, key).

Note: *Drymus sylvaticus* var. *niger* is possibly synonymous with *D. sylvaticus*.

***Drymus sylvaticus* (Fabricius, 1775)**

Cimex sylvaticus Fabricius, 1775: 722. HT: ♀, SV; ZMUC.

Pachymerus silvaticus Flor, 1860: 247. Incorrect subsequent spelling.

Drymus sylvaticus var. *orthopus* Horváth, 1882a: 222. LT (Scudder, 1970b: 205): ♂, HU, Budapest; HNHM.

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 MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AK AR AT? CH (CE NO? SW WP) GG JA? KI RU (ES WS) TD UZ.

Ref.: Eyles, 1963a (biol.), 1963b (larva); Le Quesne, 1956 (♂ genitalia, key); Pfaler, 1936 (biol.); Zheng & Zou, 1981a.

Note: According to Kerzhner (1977b: 27), records from JA and CH (NO) given by Hidaka (1962a: 273) are presumably erroneous.

Genus *Entisberus* Distant, 1903

Entisberus Distant, 1903d: 74. Type species by monotypy: *Entisberus archetypus* Distant, 1903.

Ref.: Bergroth, 1918 (descr., syn.); Distant, 1903a (monogr.); Scudder, 1957d (Drymini).

***Entisberus archetypus* Distant, 1903**

Entisberus archetypus Distant, 1903d: 74. LT (Scudder, 1967b: 257): ♂, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.

Distr. AS: CH (SW). EL: Sri Lanka, Philippines.

Ref.: J.A. Slater & Hidaka, 1958 (notes); Zheng & Zou, 1981a.

Genus *Eremocoris* Fieber, 1860

Eremocoris Fieber, 1860: 49; 1861a: 187. Type species by subsequent designation (Distant, 1911a: 84): *Lygaeus erraticus* Fabricius, 1794 (= *Cimex abietis* Linnaeus, 1758).

Davidsonia Brailovsky, 1982: 260 (junior homonym of *Davidsonia* Bouchard-Chantereaux, 1849, Brachiopoda). Type species by original designation: *Davidsonia arnaudi* Brailovsky, 1982, Mexico.

Davidedoviellaxis Brailovsky, 1983: 103 (syn. A. Slater, 1992: 3). New name for *Davidsonia* Brailovsky, 1982.

Ref.: Horváth, 1883b (rev.); Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (Drymini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Tomokuni, 2000 (rev. Japanese spp.).

***Eremocoris abietis* (Linnaeus, 1758)**

Cimex abietis Linnaeus, 1758: 450. HT: ♀!, SV; LSUK.

Lygaeus erraticus Fabricius, 1794: 167 (syn. Horváth, 1899c: 277). LT (Péricart, 1999d:

- 80): ♂, GE; ZMUC.
Cimex errans Turton, 1802: 665. New name for *erraticus* Fabricius, 1775 because of secondary homonymy with *Cimex erraticus* Linnaeus, 1758.
Eremocoris obscuratus Montandon, 1895: 159 (syn. Péricart, 1997b: 485). LT (Péricart, 1997b: 485): ♂, RO, Valachia, Plainesti; MNHN.
Eremocoris abietis var. *lapponicus* Wagner, 1949b: 175 (upgraded to species by Stichel, 1958: 194; syn. Tamanini, 1974c: 156, 158). HT: ♂, SV, Torne Lappmark, Jebrenjokk; ZMUH.
Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GB GE GR IT LA LS LT LU MD NL NR PL PO RO RU (CT NT ST) SK SP SV SZ UK. NA: AG. AS: AB AK AT GG IN MG RU (ES FE WS).
Ref.: Pfaler, 1936 (biol.).
- Eremocoris angusticollis* Jakovlev, 1881**
Eremocoris angusticollis Jakovlev, 1881: 211. LT (Kerzhner, 1977b: 23): ♀, RU (FE), Vladivostok; ZMAS.
Distr. AS: JA RU (FE).
- Eremocoris bletoni* Vidal, 1940**
Eremocoris bletoni Vidal, 1940: 449. STS: ♂, ♀, MO, Azrou; ICRM?
Distr. NA: MO.
- Eremocoris fenestratus* (Herrich-Schaeffer, 1839)**
Pachymerus fenestratus Herrich-Schaeffer, 1839: 96. STS: HU; lost.
Eremocoris erraticus (non Fabricius, 1794): Douglas & Scott, 1865: 177.
 Misidentification (see Horváth, 1883b: 11).
Eremocoris podagricus (non Fabricius, 1775): Horváth, 1875: 90. Misidentification (see Horváth, 1883b: 12).
Eremocoris remanei Roubal, 1956: 668 (syn. Seidenstücker, 1965a: 170). HT: ♀, SK, Královsky Chlumec; SNMC.
Distr. EU: AU BE BH BU CR CZ FR GB GE GR HU IT MA MC PL? RO SK SL SP SZ UK YU. NA: AG MO TU. AS: AB? AK AT CH (NW!) CY GG IN IS TD UZ. EL: Ethiopia.
Ref.: Butler, 1923 (biol.).
- Eremocoris fraternus* Horváth, 1883**
Eremocoris fraternus Horváth, 1883b: 7. LT (Scudder, 1970b: 200): ♂, AB, Lenkoran; HNHM.
 ?*Eremocoris fraternus* var. *longirostris* Horváth, 1883b: 8. LT (Scudder, 1970b: 200): ♂, AB, Lenkoran; HNHM.
Distr. EU: RU (ST). AS: AB GG.
- Eremocoris gracilis* Linnavuori, 1968**
Eremocoris gracilis Linnavuori, 1968: 199. HT: ♀, YE, El Errein, nr Haz nr Sanaa; BMNH.
Distr. AS: YE.
- Eremocoris insularis* Kerzhner, 1977b**
Eremocoris insularis Kerzhner, 1977b: 24. HT: ♀, RU (FE), Kunashir Is., Sernovodsk, Kunashir; ZMAS.
Distr. AS: JA RU (FE).
Ref.: Tomokuni (2000).
- Eremocoris maderensis* (Wollaston, 1858)**
Rhyparochromus maderensis Wollaston, 1858: 123. LT (Scudder, 1967b: 272): ♀, MR; BMNH.

Eremocoris wagneri Lindberg, 1961: 34 (syn. Péricart, 1994c: 405). HT: ♂, MR; MZHF.
Distr. NA: CI MR.
Ref.: Lindberg, 1953 (redescr.).

***Eremocoris monticola* Horváth, 1929**

Eremocoris monticola Horváth, 1929a: 330. LT (Scudder, 1970b: 202): ♂, LE, Bcharré; HNHM.
Distr. AS: LE SY.

***Eremocoris oblitus* Horváth, 1929**

Eremocoris fenestratus (non Herrich-Schaeffer, 1839): Horváth, 1894: 173.
Misidentification (see Horváth, 1929a: 331).
Eremocoris oblitus Horváth, 1929a: 331. LT (designated here): ♂, GG, Gelati nr Kutaisi; HNHM (see note).
Distr. AS: GG.
Note: For unknown reason, this specimen, undoubtedly a syntype, was noticed, but not formally recognized as lectotype by Scudder (1970b: 202).
The records from UK, IN, KI, and TD are erroneous.

***Eremocoris pellitus* Seidenstücker, 1965**

Eremocoris pellitus Seidenstücker, 1965a: 169. HT: ♂, AT, Çiftehan; ZSMC.
Distr. EU: BU GR MC. AS: AT.

***Eremocoris planus* Uhler, 1896**

Eremocoris planus Uhler, 1896: 263 (syn. Kerzhner, 1977b: 23, with *angusticollis*, suspected; Vinokurov, 1988: 898; restored by Tomokuni, 2000: 157). HT: ♀, JA, Gifu; USNM.
Eremocoris hirashimai Hidaka, 1963a: 59 (syn. Tomokuni, 2000: 157). HT: ♂, JA, Kyushu, Kagoshima Pref., Izashiki-Toyamazaki, Sata (Osumi); KUEC.
Distr. AS: JA.

***Eremocoris plebejus* (Fallén, 1807)**

Lygaeus sylvestris (non Linnaeus, 1758): Panzer, 1803b: 10. Misidentification (see Reuter, 1888a: 210).
Lygaeus plebejus Fallén, 1807: 67. LT (Péricart, 1994c: 405): ♂, SV, Scania, Lund; MZLU.
Eremocoris plebejus var. *caucasicus* Horváth, 1883b: 4 (as subsp. by Stichel, 1958: 189; syn. Péricart, 1999b: 280, suspected). LT (Scudder, 1970b: 203): ♂, GG, "Meskisches Geb."; HNHM.
Eremocoris plebejus var. *gibbicollis* Horváth, 1883b: 4. LT (Scudder, 1970b: 203): ♂, AT, "Brussa" [= Bursa]; HNHM.
Drymus guttatus Matsumura, 1910: 36 (syn. Kerzhner, 1977b: 23). HT: ♂, RU (FE), Sakhaline Is., Korsakov; EIHU.
Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IT LA LS LT LU NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AB AK AR AT CH (NO) GG JA KO RU (ES FE WS).
Ref.: Pfaler, 1936 (biol.).

***Eremocoris podagricus* (Fabricius, 1775)**

Cimex podagricus Fabricius, 1775: 723. STS: GB; BMNH, MNHN?
Eremocoris erraticus (non Fabricius, 1794): Douglas & Scott, 1865: 178 (only var.).
Misidentification (see Horváth, 1883b: 6).
Rhyparochromus alpinus Garbiglietti, 1869: 118 (syn. Horváth, 1883b: 6; as subsp. by Stichel, 1958: 191; syn. Tamanini, 1974c: 162). STS: IT, Piemonte; MIZT?

Eremocoris icaunensis Populus, 1874: 28 (syn. Reuter, 1875c: 561). STS: FR, Dept Yonne; lost?

Distr. EU: AL AN AU BE BH BU BY CR CZ FR GB GE GR HU IT LA LS LT LU MD NL PL RO RU (CT NT ST) SK SL SP SZ UK YU. **NA:** AG MO. **AS:** AB AR AT GG.

Ref.: Putshkova, 1956 (egg).

***Eremocoris praenotatus* Seidenstücker, 1965**

Eremocoris praenotatus Seidenstücker, 1965a: 166. HT: ♂, AT, Ankara-Çubukbaraji; ZSMC.

Distr. AS: AT.

***Eremocoris procerus* Kiritshenko, 1952**

Eremocoris procerus Kiritshenko, 1952a: 176. LT (Péricart, 1994c: 405): ♀, TD, Kondara valley N of Dushanbe; ZMAS.

Distr. AS: AF TD.

Ref.: Péricart, 1999b (in key); Seidenstücker, 1965a (in key).

***Eremocoris ribauti* Vidal, 1936**

Eremocoris ribauti Vidal, 1936: 197. HT: ♂, MO, Oujda; ICRM?

Distr. NA: MO.

***Eremocoris shirozui* Hidaka, 1965**

Eremocoris shirozui Hidaka, 1965: 224. HT: ♂, TA, "Oiwake" [= Tsuifeng]; KUEC.

Distr. AS: TA.

***Eremocoris sinicus* Zheng, 1981**

Eremocoris sinicus Zheng in Zheng & Zou, 1981a: 141, 595. HT: ♂, CH (SW), Sichuan, Baoxing; NKUM.

Distr. AS: CH (SW).

Genus *Gastrodes* Westwood, 1840

Platygaster Schilling, 1829: 37, 82 (junior homonym of *Platygaster* Latreille, 1809, Hymenoptera).

Gastrodes Westwood, 1840: 122. New name for *Platygaster* Schilling, 1829. Type species by subsequent designation (Opinion 246, 1954): *Gastrodes abietum* Bergroth, 1914.

Oimoctes Gistel, 1848: x. New name for *Platygaster* Schilling, 1829.

Ancylopus Flor, 1860: 232 (as subgenus of *Pachymerus*). New name for *Platygaster* Schilling, 1829.

Homalodema Fieber, 1860: 49; 1861a: 187. New name for *Platygaster* Schilling, 1829.

Ref.: Nägeli, 1932 (biol.); Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Usinger, 1938b (rev.); Zheng, 1979 (key Chinese spp.).

***Gastrodes abietum* Bergroth, 1914**

Platygaster abietis (non Linnaeus, 1758): Schilling, 1829: 83. Misidentification (see Bergroth, 1914c: 183).

?*Platygaster ferruginea* (non Linnaeus, 1767): Baerensprung, 1860: 9. Misidentification.

Gastrodes abietum Bergroth, 1914c: 183. For *Gastrodes abietis* (non Linnaeus, 1758): auct.

Distr. EU: AU BE BU BY CR CZ DE EN FI FR GB GE HU IT LA LS LU NL NR PL RO RU (CT NT) SK SL SP SV SZ UK YU. **AS:** RU (ES).

Ref.: Nägeli, 1932 (biol.).

***Gastrodes chinensis* Zheng, 1981**

Gastrodes chinensis Zheng in Zheng & Zou, 1981a: 145, 596. HT: ♂, CH (CE), Hubei,

Li-Chuan; NKUM.
Distr. AS: CH (CE SE).

***Gastrodes crassifemur* Zheng, 1979**

Gastrodes crassifemur Zheng, 1979: 62, 64. HT: ♂, CH (SW), Yunnan, Pu-er; IZAS.
Distr. AS: CH (SW).

***Gastrodes grossipes grossipes* (De Geer, 1773)**

Cimex ferrugineus Linnaeus, 1767: 730 (junior primary homonym of *Cimex ferrugineus* Scopoli, 1763; syn. Reuter, 1888a: 213). ST(S): SV; lost?

Cimex grossipes De Geer, 1773: 308. ST(S): SV; NHRS?

Cimex abietis (non Linnaeus, 1758): Retzius, 1783: 38. Misidentification (see Reuter, 1888a: 213).

Gastrodes grossipes ab. *funebri* Gravestine, 1945: 122 (unavailable name originally, but given as form by Stichel, 1958: 210). HT: NL, Texel, De Koog; ZMAN.

Distr. EU: AN 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 (NW SE) GG RU (ES FE WS).

Ref.: Nägeli, 1932 (biol.); Zheng & Zou, 1981a.

***Gastrodes grossipes japonicus* (Stål, 1874)**

Platygaster japonicus Stål, 1874a: 164 (downgraded to subspecies by Kerzhner, 1977b: 34). LT (Scudder, 1976: 32): ♀, JA; NHRS.

Distr. AS: CH (CE) JA KO.

***Gastrodes parvulus* Kerzhner, 1977**

Gastrodes parvulus Kerzhner, 1977b: 33. HT: ♂, RU (FE), Primorsk Terr., middle course of river Komarovka (Suputinka), Ussuriysk Nature Reserve; ZMAS.

Distr. AS: RU (FE).

***Gastrodes piceus* Zheng, 1979**

Gastrodes piceus Zheng, 1979: 62, 66. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.
Distr. AS: CH (SW).

***Gastrodes pilifer* Zheng, 1979**

Gastrodes pilifer Zheng, 1979: 61, 65. HT: ♂, CH (CE), Hubei, Li-chuan; NKUM.
Distr. AS: CH (CE SE).

***Gastrodes remotus* Usinger, 1938**

Gastrodes remotus Usinger, 1938b: 292, 296. HT: ♂, CH (SE), Macao; USNM.
Distr. AS: CH (SE: Macao).

Genus *Hidakacoris* Tomokuni, 1998

Hidakacoris Tomokuni, 1998: 231. Type species by original designation: *Dieuches tsutsui* Hidaka, 1963.

***Hidakacoris tsutsui* (Hidaka, 1963)**

Dieuches tsutsui Hidaka, 1963b: 172. HT: ♀, JA, Honshu, Wakayama Pref., Mt Gomadan; KUEC.

Distr. AS: JA.

Ref.: Eyles, 1973 (not a *Dieuches*); Tomokuni, 1998 (*Hidakacoris*).

Genus *Ischnocoris* Fieber, 1860

Ischnocoris Fieber, 1860: 47; 1861a: 179. Type species by subsequent designation (Oshanin, 1912: 34): *Ischnocoris punctulatus* Fieber, 1861.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d

(Drymini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Ischnocoris angustulus* (Boheman, 1852)**

Pachymerus angustulus Boheman, 1852a: 56. LT (Péricart, 1994c: 413): ♂, SV, Småland, "Anneberg"; NHRS.

Pachymerus oculatus Flor, 1860: 257 (junior primary homonym of *Pachymerus oculatus* Germar, 1838; syn. Reuter, 1881c: 88). HT: ♀, LA, "Segewold" [= Sigulda]; IZBE?

Pterotmetus (Ischnocoris) hemipterus (non Schilling, 1829): Stål, 1862a: 215.

Misidentification (see Reuter, 1881c: 87).

Ischnocoris hemipterus var. *nigricans* Puton, 1871b: 417 (syn. Puton, 1886a: 26). LT (Scudder, 1967a: 155): ♀, FR, Corsica; MNHN.

Ischnocoris intermedius Horváth, 1880b: 92 (syn. Reuter, 1881c: 88). LT (Péricart, 1997b: 486): ♀, BE, Calmthout; HNHM.

Distr. EU: AN AU BE BH BY CZ? DE EN FI FR GB GE HU IR IT LA LT LU NL NR PL PO RO RU (CT NT) SK? SP SV SZ UK. NA: AG MO TU. AS: AB?

Ref.: Le Quesne, 1957 (morph.); Pfaler, 1936 (biol.).

***Ischnocoris bureschi* Josifov, 1976**

Ischnocoris bureschi Josifov, 1976: 65. HT: ♀, BU, nr Varna; ZISB.

Distr. EU: AL BU CR GR MC. AS: AT.

***Ischnocoris claripes* Muminov, 1967**

Ischnocoris claripes Muminov, 1967: 64. HT: ♂, TD, Gissar Range, Hodzha-obi-Garm; ZMAS.

Distr. AS: AK IN KI MG RU (ES WS) TD UZ.

Ref.: Vinokurov, 1979; Vinokurov & Kanyukova, 1995a.

***Ischnocoris flavipes* Signoret, 1865**

Ischnocoris flavipes Signoret, 1865: 123. STS: FR (south), AG; NHMW?)

Distr. EU: BU CR FR GR IT SP. NA: AG MO TU. AS: AT IS SY.

Ref.: Horváth, 1877 (valid species); Péricart, 1994c (valid species).

Note: Considered either as subspecies of *Ischnocoris punctulatus* or infra-subspecific by Wagner, 1947 and later authors, Josifov (1976) included; upgraded by Péricart (see discussion in Péricart, 1999b: 348).

***Ischnocoris hemipterus* (Schilling, 1829)**

Pachymerus hemipterus Schilling, 1829: 77. STS: PL, Silesia; lost.

Pachymerus staphiliniformis [sic] (non Schilling, 1829): Hahn, 1832: 61.

Misidentification (see A. Costa, 1853: 73).

Pachymerus pallidipennis Herrich-Schaeffer, 1850: 210 (syn. Herrich-Schaeffer, 1850: 211). STS: GE, Regensburg; lost.

Ischnocoris sinuaticollis Reuter, 1880: 9 (syn. Reuter, 1881c: 88). HT (see Péricart, 1994c: 413): ♂, GR, Olympe; MZHF.

Distr. EU: AL AU BE BH BU CR CZ FR GE GR HU IT LA LS LU MC MD PL PO RO RU (ST) SK SP SZ UK YU. AS: AB AR AT GG.

Ref.: Michalk, 1938a (biol.).

Note: The citation from BY is erroneous.

***Ischnocoris mundus* (Walker, 1872)**

Nysius mundus Walker, 1872: 69. LT (Péricart, 1994c: 413): ♀, MR; BMNH.

Rhyparochromus mundulus Walker, 1872: 94 (junior primary homonym of *Rhyparochromus mundulus* Dohrn, 1860; syn. China, 1938: 14). HT: ♀, MR; BMNH.

Ischnocoris laticeps Saunders, 1893: 100 (syn. Péricart, 1994c: 414). LT (Scudder, 1967b: 270, as HT): ♂, MO, Tetuan; BMNH.

Ischnocoris latiusculus Noualhier, 1893: 11 (syn. Péricart, 1994c: 414). LT (Scudder, 1967a: 152): ♀, CI, "Palma el Copito"; MNHN.
Distr. EU: GR IT (Sardinia) SP. NA: CI MO MR.

***Ischnocoris punctulatus* Fieber, 1861**

Ischnocoris punctulatus Fieber, 1861a: 180. STS: GE; lost?

Distr. EU: AL AU BH BU CR CZ EK FR GE GR HU IT MC PL PO RO RU (ST) SK
SP SZ UK YU. AS: AB AK AR AT CH (NO NW) CY GG IN IS KI RU (ES FE WS)
TD TM UZ.

Ref.: Michalk, 1938a (biol.); Zheng & Zou, 1981a.

Genus *Kanigara* Distant, 1906

Kanigara Distant, 1906a: 414. Type species by monotypy: *Kanigara flavomarginata* Distant, 1906.

***Kanigara clypeata* (Distant, 1903)**

Gonatas clypeatus Distant, 1903a: 90. LT (Scudder, 1966: 2): ♀, Burma, "Carin Asciiui Ghecù"; MCSN.

Distr. AS: CH (SW): EL: Burma.

Ref.: Scudder, 1962c (*Kanigara*); Zheng & Zou, 1981a.

***Kanigara flavomarginata* Distant, 1906**

Kanigara flavomarginata Distant, 1906a: 415. LT (Scudder, 1967b: 265): ♂, "Ceylon" [= Sri Lanka], Peradeniya; BMNH.

Distr. AS: CH (SW): EL: India, Sri Lanka.

Ref.: Distant, 1911a; Zheng & Zou, 1981a.

***Kanigara tuberculata* Scudder, 1969**

Kanigara tuberculata Scudder, 1969: 536, 538. HT: ♀, TA, Taihorin [= Talin]; HNHM.

Distr. AS: CH TA.

Genus *Lamprolax* Douglas & Scott, 1868

Lampronotus Douglas & Scott, 1868b: 243 (junior homonym of *Lampronotus* Brookes, 1830, Aves). Type species by monotypy: *Lampronotus sharpi* Douglas & Scott, 1868 (= *Pachymerus piceus* Flor, 1860).

Lamprolax Douglas & Scott, 1868b: 265. New name for *Lampronotus* Douglas & Scott, 1868.

Drymocoris Jakovlev, 1876c: 223 (syn. Horváth, 1882a: 222). Type species by monotypy:

Drymocoris gibbosus Jakovlev, 1876 (= *Pachymerus piceus* Flor, 1860)

Ref.: Hidaka, 1962a (key Japanese spp.); Péricart, 1999b (monogr.); Scudder, 1957d (Drymini); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Stichel, 1958 (monogr.).

***Lamprolax majuscula* Kerzhner, 1977**

Lamprolax majuscula Kerzhner, 1977b: 31. HT: ♂, RU (FE), Kunashir Is., Mendeleevo; ZMAS.

Distr. AS: JA RU (FE).

Ref.: Hidaka, 1962a (as *picea*).

***Lamprolax membranea* Distant, 1883**

Lamprolax membraneus Distant, 1883: 440. LT (Scudder, 1967b: 272): ♀, JA; BMNH.

Lamprolax membraneus var. *pallescens* Distant, 1883: 441. LT (Scudder, 1967b: 276): ♂, JA; BMNH.

Lamprolax takahashii Hidaka, 1962a: 279 (syn. Kerzhner, 1977b: 32). HT: ♂, JA,

Hokkaido, Sapporo, Maruyama; KUEC.

Distr. AS: JA KO RU (ES FE) TA.

***Lamproplax picea* (Flor, 1860)**

Pachymerus piceus Flor, 1860: 251. STS: ♂, ♀, EN, "Dorpat" [= Tartu] and "Lunia" [= Luunja]; IZBE?

Lampronotus sharpi Douglas & Scott, 1868b: 244 (syn. Douglas & Scott, 1875: 184).

LT (Péricart, 1994c: 404): ♂, GB, Scotland, Dumfriesshire, Damton Loch nr Thornhill; BMNH.

Drymocoris gibbosus Jakovlev, 1876c: 225 (syn. Horváth, 1882a: 222). LT (Péricart, 1994c: 405): ♀, RU (NT), Luga nr St. Petersburg; ZMAS.

Drymus brunneus var. *nitidicollis* Halbherr, 1912: 29 (syn. Tamanini, 1961: 116). HT: IT, Trentino, Rovereto, Vallunga; MCRI.

Distr. EU: AU BE BY CZ DE EN FI FR? GB GE HU IR IT LA NL NR PL RU (CT NT) SK SL SV SZ.

Ref.: Le Quesne, 1956 (morph., biol.).

Note: The citation from LT (Péricart, 1999b: 261) is erroneous, because the locality cited ("Grossen Kangern" [= Lietkangari]) is in LA.

***Lamproplax unispina* Kerzhner, 1977**

Lamproplax unispina Kerzhner, 1977b: 31. HT: ♂, RU (FE), Kunashir Is., Alekhino; ZMAS.

Distr. AS: JA RU (FE).

Genus *Mizaldus* Distant, 1901

Mizaldus Distant, 1901b: 483. Type species by subsequent designation (Distant, 1903a: 68):

Rhyparochromus dimidiatus Walker, 1872 (= *Mizaldus woodwardi* J.A. Slater & Carayon, 1963), New Guinea.

Ampera Distant, 1919a: 41 (syn. Scudder, 1970a: 101). Type species by monotypy: *Ampera intrusa* Distant, 1919, Indonesia (Java).

Ref.: Bergroth, 1918 (redescr.); Hidaka, 1961b (rev.); Scudder, 1957d (in Drymini); J.A. Slater, 1964a (World cat.).

***Mizaldus gotoi* (Hidaka, 1960)**

Ampera gotoi Hidaka, 1960: 11. HT: ♂, JA, Honshu, Wakayama Pref., Hiura-machi.

Distr. AS: JA.

Ref.: Scudder, 1970a (*Mizaldus*).

***Mizaldus hirashimai* (Hidaka, 1961)**

Ampera hirashimai Hidaka, 1961b: 92. HT: ♀, JA, Kyushu, Fukuoka Pref., Kashii; KUEC.

Distr. AS: JA.

***Mizaldus nidulus* J.A. Slater & Carayon, 1963**

Mizaldus nidulus J.A. Slater & Carayon, 1963: 1. HT: ♂, "Séredou" [?]; MNHN.

Distr. AS: YE. EL: Guinea, Ivory Coast, Nigeria, South Africa.

Genus *Neoentisberus* Scudder, 1968

Neoentisberus Scudder, 1968b: 585. Type species by original designation: *Entisberus esakii* J.A. Slater & Hidaka, 1958.

***Neoentisberus esakii* (J.A. Slater & Hidaka, 1958)**

Entisberus esakii J.A. Slater & Hidaka, 1958: 93. HT: ♀, JA, Yakushima, Ambo-Kosugidani; KUEC.

Distr. AS: CH (SE) JA.

Ref.: Scudder, 1968b (*Neoentisberus*).

***Neoentisberus gibbus* (Zheng, 1981), comb. nov.**

Entisberus gibbus Zheng in Zheng & Zou, 1981a: 134, 594. HT: ♂, CH (SE), Guangxi, Long-sheng; NKUM.

Distr. AS: CH (SW).

Genus *Neomizaldus* Scudder, 1968

Neomizaldus Scudder, 1968b: 588. Type species by original designation: *Mizaldus lewisi* Distant, 1901.

Ref.: J.A. Slater, 1964a (World cat.).

***Neomizaldus hiurai* (Hidaka, 1961)**

Ampera hiurai Hidaka, 1961b: 91. HT: ♂, JA, Honshu, Ishikawa Pref., Kanazawa, Kuragatake; KUEC.

Distr. AS: JA.

Ref.: Scudder, 1968b (*Neomizaldus*).

***Neomizaldus lewisi* (Distant, 1901)**

Mizaldus lewisi Distant, 1901b: 484. LT (Scudder, 1967b: 271): ♀, "Ceylon" [= Sri Lanka]; BMNH.

Distr. AS: CH (SW) JA KO TA. EL: Sri Lanka, Burma.

Ref.: Distant, 1903a (redescr.); Scudder, 1968b (*Neomizaldus*); Zheng & Zou, 1981a (*Mizaldus*).

Genus *Notochilus* Fieber, 1864

Notochilus Fieber, 1864: 68. Type species by monotypy: *Pachymerus ferrugineus* Mulsant & Rey, 1852.

Taphropeltus (non Stål, 1872): auct. (partly).

Ribauticoris Stichel, 1958: 180, 204 (syn. Péricart, 1994c: 410). Type species by monotypy: *Taphropeltus humilis* Ribaut, 1929 (= *Notochilus damryi* Puton, 1871).

Ref.: Péricart, 1999b (monogr.); Stål, 1872 (in Drymini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Notochilus crassicornis* (Baerensprung, 1858)**

Pterotmetus crassicornis Baerensprung, 1858b: 202. LT (Péricart, 1994c: 408): ♀, SP, Andalusia; ZMHB (see note).

Notochilus abeillei Puton, 1871a: 124 (syn. Péricart, 1994c: 410). LT (Scudder, 1967a: 153): ♀, FR, Provence, La Sainte-Baume; MNHN.

Notochilus mitellatus (non A. Costa, 1853; non Puton, 1886, 1899): Puton, 1878b: 79. Misidentifications (see Péricart, 1994c: 410).

Distr. EU: FR IT SP.

Ref.: Péricart, 1994c (nomencl.).

Note: The indication "types perdus" in Péricart (1999b: 340) for *Pterotmetus crassicornis* is erroneous.

***Notochilus damryi* Puton, 1871**

Notochilus damryi Puton, 1871a: 124. LT (Scudder, 1967a: 154): ♂ (brach.), FR, Corsica; MNHN.

Taphropeltus championi Reuter, 1905: 52 (syn. Péricart, 1994c: 410). LT (Péricart, 1994c: 408): ♀ (macr.), SP, La Granja; BMNH.

Taphropeltus humilis Ribaut, 1929a: 47 (syn. Péricart, 1994c: 410). HT (see Péricart, 1994c: 408): ♂ (macr.), FR, Tarn, Beaudecamy nr Vabre; MNHN.

Distr. EU: BH CR FR GR IT PO SP. NA: AG CI MO TU.

Ref.: Péricart, 1994c (macr., brach.); Puton, 1871b (brach., redescr.); J.A. Slater, 1964a (*Ribauticoris* (macr.) and *Notochilus* (brach.)); Stichel, 1958 (*Ribauticoris* (macr.) and *Notochilus* (brach.)).

***Notochilus ferrugineus* (Mulsant & Rey, 1852)**

Pachymerus ferrugineus Mulsant & Rey, 1852: 120. STS: FR, nr Lyon; lost.

Pachymerus mitellatus A. Costa, 1853: 24 (syn. Puton, 1884a: 149). LT (Péricart in Carapezza et al., 1995: 285): ♂, IT, nr Naples; ZIUN.

Scolopostethus rubefactus Garbiglietti, 1869: 117 (syn. Puton, 1871b: 418). ST(S): IT, nr Torino; MIZT?

Notochilus ferrugineus var. *geniculata* Gredler, 1870: 85. LT (Heiss, 1997c: 289): ♂, IT, Trentino, Bolzano; FGBl.

Distr. EU: FR GR IT PO SP. NA: AG MO.

***Notochilus limbatus* Fieber, 1870**

Notochilus limbatus Lethierry, 1869: 329. Nomen nudum

Notochilus limbatus Fieber, 1870: 257. LT (Péricart, 1999b: 338, completed here): ♂, FR, Dept Nord, Lille; MNHN.

Scolopostethus crassicornis Douglas & Scott, 1871: 24 (syn. Douglas, 1875: 265). HT: ♂, GB, England, Southsea; BMNH.

Distr. EU: AN FR GB GE PO SP.

Ref.: Butler, 1923 (biol.); Oshanin, 1906 (*Taphropeltus*); Péricart, 1994c (*Notochilus*); Woodroffe, 1955 (biol.).

Genus *Orsillodes* Puton, 1884

Orsillodes Puton, 1884a: 143 (as subgenus of *Gastrodes*; upgraded by Puton, 1886a: 30).

Type species by monotypy: *Gastrodes longirostris* Puton, 1884.

Ref.: Péricart, 1999b (monogr.).

***Orsillodes longirostris* (Puton, 1884)**

Gastrodes (Orsillodes) longirostris Puton, 1884a: 143. HT (see Scudder, 1967a: 155): ♀, AG, Teniet el Haad; MNHN.

Distr. NA: AG LB MO. AS: AT.

Genus *Paradieuches* Distant, 1883

Paradieuches Distant, 1883: 438. Type species by monotypy: *Paradieuches lewisi* Distant, 1883.

Ref.: Distant, 1918b (monogr.); Tomokuni, 1998 (syst.); J.A. Slater, 1964a (World cat.).

***Paradieuches dissimilis* (Distant, 1883)**

Dieuches dissimilis Distant, 1883: 438. LT (Scudder, 1967b: 263): ♀, JA; BMNH.

Distr. AS: CH (SE SW) JA KO.

Ref.: Scudder, 1962c (*Paradieuches*); Zheng & Zou, 1981a.

***Paradieuches lewisi* Distant, 1883**

Paradieuches lewisi Distant, 1883: 439. LT (Scudder, 1967b: 271): ♂, JA; BMNH.

Distr. AS: JA.

Ref.: Matsumura, 1931 (descr.); Shiraki, 1952 (injurious).

Genus *Potamiaena* Distant, 1911

Potamiaena Distant, 1911a: 61. Type species by original designation: *Potamiaena aurifera* Distant, 1911.

***Potamiaena aurifera* Distant, 1911**

Potamiaena aurifera Distant, 1911a: 61. LT (Scudder, 1967b: 258): ♂, India, W Bengal,

Paresnath; BMNH.

Distr. AS: CH (SE SW WP) TA. EL: India.

Ref.: Zheng & Zou, 1981a.

Genus *Scolopostethus* Fieber, 1860

?*Tritomacera* A. Costa, 1842: 296 (syn. Stål, 1872: 60, 62, suspected). Type species by monotypy: *Tritomacera aphanoides* A. Costa, 1842 (? = *Scolopostethus cognatus* Fieber, 1861). Suppressed by the International Commission on Zoological Nomenclature

(Opinion

680, 1963).

?*Tritomocera* Agassiz, 1847: 376. Unjustified emendation. Suppressed by the International Commission on Zoological Nomenclature (Opinion 680, 1963).

Scolopostethus Fieber, 1860: 49; 1861a: 188. Type species by subsequent designation (Distant, 1903a: 92): *Scolopostethus cognatus* Fieber, 1861.

Manatanus Distant, 1909b: 494 (syn. Horváth, 1911b: 337). Type species by monotypy: *Manatanus montanus* Distant, 1909.

Ref.: Horváth, 1891b, 1892b (rev.); Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in Drymini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Scolopostethus abdominalis* Jakovlev, 1890**

Scolopostethus abdominalis Jakovlev, 1890: 557. HT: ♀!, CH (SW), Sichuan, "between Siaopu and I-Tan" [= W of Shujingbao]; ZMAS.

Distr. AS: CH (SW).

Ref.: Zheng & Zou, 1981a.

Note: The citation from MG is erroneous.

***Scolopostethus affinis* (Schilling, 1829)**

Pachymerus affinis Schilling, 1829: 80. ST(S): PL, Silesia; lost.

Lygaeus podagricus var. β (non Fabricius, 1775): Fallén, 1829: 63. Misidentification (see Reuter, 1875c: 561).

Pachymerus pictus (non Schilling, 1829): Herrich-Schaeffer, 1833b: 5. Misidentification.

Scolopostethus adjunctus Douglas & Scott, 1865: 183 (syn. Reuter, 1875c: 562). ST(S): GB; lost.

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 CY GG RU (WS) SA TD.

Ref.: Eyles, 1963a, 1963b, 1964 (biol.); Pfaler, 1936 (biol.).

***Scolopostethus chinensis* Zheng, 1981**

Scolopostethus chinensis Zheng in Zheng & Zou, 1981a: 138, 595. HT: ♂, CH (SW), Sichuan, Xiao-jin; NKUM.

Distr. AS: CH (CE SW WP).

***Scolopostethus cognatus* Fieber, 1861**

Tritomacera aphanoides A. Costa, 1842: 297 (syn. Horváth, 1891b: 117). HT: IT, Sicily, nr Palermo; lost? Suppressed by the International Commission on Zoological Nomenclature (Opinion 680, 1963).

Scolopostethus cognatus Fieber, 1861a: 189. STS: FR (Corsica) and GE (see note); lost?

Distr. EU: AL BU CR FR GR HU IT MC PO RO SP SZ. NA: TU. AS: AT?

Ref.: Horváth, 1891b, 1892b.

Note: Fieber's "syntypes" contained probably more than one species, as *cognatus* seems not to occur in GE and other countries of central Europe.

***Scolopostethus decoratus* (Hahn, 1833)**

Lygaeus podagricus (non Fabricius, 1775): Fallén, 1829: 63, partly. Misidentification (see Reuter, 1875c: 561).

Pachymerus decoratus Hahn, 1833: 139. STS: GE: lost.

Scolopostethus affinis (non Schilling, 1829): Fieber, 1861a: 189. Misidentification (see Reuter, 1875c: 561).

Scolopostethus ericetorum Lethierry, 1869: 327 (syn. Puton, 1869b: 15). STS: FR, Dept Nord; lost?

Lygaeus (Scolopostethus) melanocerus Thomson, 1870a: 202 (syn. Reuter, 1875c: 561). ST(S): SV, Scania; MZLU?

Scolopostethus brevis Saunders, 1876b: 221 (syn. Péricart, 1994c: 406). LT (Péricart, 1994c: 406): ♂, MA; BMNH (see note).

Distr. EU: AL AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA LS LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU.

NA: AG AZ EG LB MO TU. AS: AB AK AR AT CY GG IN IS KI TD TM UZ.

Ref.: Eyles, 1963a, 1963b, 1964 (biol.); Pfaler, 1936 (biol.).

Note: The status of *brevis* has been discussed since a long time: considered by Horváth (1891b: 117) as a "var." of *decoratus*, this taxon was upgraded to species by Wagner (1949c: 8), then downgraded to synonym by Péricart (1994c: 406 and 1999b: 297); a clinal variation of the species *decoratus* from north to south explains the divergencies in opinions of authors.

There were at least two syntypes of *brevis*, originating from Malta. Although Horváth (1891b: 116) wrote that the unique type was lost in mail, another specimen in good condition (now the lectotype) does exist at the BMNH; the neotype designated by Wagner (1949c: 8) from Sardinia is therefore invalid (see also Péricart, 1997b: 486).

***Scolopostethus grandis* Horváth, 1880**

Scolopostethus grandis Horváth, 1880c: 185. LT (Scudder, 1970b: 201): ♀, RO, Banat, Mehádia; HNHM.

Scolopostethus punctatus Edwards, 1889a: 278 (syn. Horváth, 1891b: 117). STS: ♂, ♀, GB, England, Woking; BMNH, OXUM.

Scolopostethus pseudograndis Wagner, 1949d: 50 (syn. Aukema, 2000: 295). HT: ♂, GE, Ost-Holstein, Plön; ZMUH.

Distr. EU: AU BE BH BU CR CZ FR GB GE GR HU IR IT LU MC NL RO RU (NT) SK SL SP? SV YU. AS: CY.

Ref.: Eyles, 1963a (biol.); Michalk, 1938a (biol.).

***Scolopostethus hirsutus* Zheng & Zou, 1987**

Scolopostethus hirsutus Zheng & Zou, 1987: 86, 88. HT: ♂, CH (WP), Tibet, Zang-mu [= Zham]; NKUM.

Distr. AS: CH (WP).

***Scolopostethus lethierryi* Jakovlev, 1877**

Scolopostethus lethierryi Jakovlev, 1877a: 275, 285. HT: ♂, RU (ST), Astrakhan; ZMAS.

Distr. EU: AU HU RO RU (ST) SK UK. AS: AB AK AR GG TD?

***Scolopostethus montanus* (Distant, 1909)**

Manatanus montanus Distant, 1909b: 495. LT (Scudder, 1967b: 273): ♀, India, Matiana, Simla hills, 8000ft; BMNH.

Distr. AS: CH (WP). EL: India.

Ref.: Zheng & Zou, 1987.

***Scolopostethus morimotoi* (Hidaka, 1964)**

Eremocoris morimotoi Hidaka, 1964a: 296. HT: ♀, JA, Ryukyus, Iriomote Is., Shirahama-Sonai; KUEC.

Distr. AS: JA.

Ref.: Scudder, 1970a (*Scolopostethus*).

***Scolopostethus odoriko* Tomokuni, 1995**

Scolopostethus odoriko Tomokuni, 1995b: 606. HT: ♂ (submacr.), JA, Honshu, Izu, Amagi-tôje-Hatchôike; NSMT.

Distr. AS: JA.

***Scolopostethus patruelis* Horváth, 1892**

Scolopostethus patruelis Horváth, 1892a: 138; 1892b: 255. LT (Scudder, 1970b: 203): ♂, FR, Carcassonne; HNHM.

Distr. EU: AN FR IT MC? PO SP SZ UK?

Ref.: Wagner, 1949c (morph.).

***Scolopostethus pictus* (Schilling, 1829)**

Lygaeus podagricus (non Fabricius, 1775): Fallén, 1807: 70 (partly). Misidentification (see Reuter, 1875c: 561).

Pachymerus pictus Schilling, 1829: 79. ST(S): PL, Silesia; lost.

Scolopostethus pictus var. *antennalis* Horváth, 1881: 41. LT (Scudder, 1970b: 203): ♀, HU, Rákospalota; HNHM.

Scolopostethus pictus f. *testacea* Roubal, 1958b: 74. HT: CZ, Bohemia, Radotin; SNMC?

Distr. EU: AL AN AU BE BH BU BY CR CZ EK EN FI FR GB GE GR HU IT LA LS LU MA MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU.

NA: MO? AS: AB AT CY GG IN IS JO LE RU (WS).

Ref.: Pfaler, 1936 (biol.).

***Scolopostethus pilosus pilosus* Reuter, 1875**

Scolopostethus affinis (non Schilling, 1829): Fieber, 1861a: 189. Misidentification (see Reuter, 1875c: 562).

Lygaeus (Scolopostethus) affinis (non Schilling, 1829): Thomson, 1870a: 201. Misidentification (see Reuter, 1875c: 562).

Scolopostethus pilosus Reuter, 1875c: 562. For *affinis* sensu Thomson, 1870. LT (Péricart, 1994c: 406): ♂, SV (south); MZLU.

Distr. EU: AU BE? BH BU BY CR CZ DE EN FI FR GE HU IT LA MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG MO MR. AS: AK IN? KI RU (WS) TD UZ.

Ref.: J. Sahlberg, 1920 (brach., macr.).

***Scolopostethus pilosus maderensis* Reuter, 1881**

Scolopostethus maderensis Reuter, 1881a: 158 (downgraded to subspecies of *pilosus* by Péricart, 1994c: 407). LT (Péricart, 1994c: 406): macr. ♂, MR; NHRS.

Distr. NA: CI MR.

***Scolopostethus puberulus* Horváth, 1887**

Scolopostethus puberulus Horváth, 1887a: 70. LT (Scudder, 1970b 204): ♂, IT, Gorizia; HNHM.

Scolopostethus adjunctus (non Douglas & Scott, 1865): Edwards, 1889b: 380. Misidentification (see Saunders, 1892: 112).

Scolopostethus tuberulus Massee, 1950: 181. Lapsus.

Distr. EU: AU BE BU BY CR CZ DE FI FR GB GE GR HU IR IT LA LS LU NL PL RO RU (CT NT) SK SL SP SV SZ UK?

Ref.: Butler, 1923 (biol.).

***Scolopostethus quadratus* Zheng, 1981**

Scolopostethus quadratus Zheng in Zheng & Zou, 1981b: 156, 163. HT: ♀, CH (WP), Xizang (= Tibet), Nyalam, Qu-xiang; IZAS.

Distr. AS: CH (WP).

***Scolopostethus takeyai* Hidaka, 1963**

Scolopostethus takeyai Hidaka, 1963a: 58. HT: ♀, JA, Kyushu, Kumamoto Pref., Naidaijin; KUEC.

Distr. AS: JA.

***Scolopostethus thomsoni* Reuter, 1875**

Scolopostethus affinis (non Schilling, 1829): J. Sahlberg, 1868b: 210. Misidentification (see J.A. Slater, 1964a: 976).

Lygaeus (Scolopostethus) decoratus (non Hahn, 1833): Thomson, 1870a: 201.

Misidentification (see Reuter, 1875c: 562).

Scolopostethus thomsoni Reuter, 1875c: 562. For *decoratus* sensu Thomson, 1870. LT (Péricart, 1994c: 405): ♀ (brach.), SV, Scania, Bastad; MZLU.

Scolopostethus adjunctus (non Douglas & Scott, 1865): Horváth, 1875: 87.

Misidentification (see Horváth, 1891b: 117).

Scolopostethus neglectus Edwards, 1889a: 278 (syn. Horváth, 1891b: 117). STS: GB, England, nr Norwich; lost?

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. NA: AG? AZ MO. AS: AB AK AT CY GG IN JA RU (ES FE WS). EL: N America (Alaska, Canada, Newfoundland, USA).

Ref.: Eyles, 1963a, 1963b, 1964 (biol.); Sweet, 1964 (biol.).

Genus *Stilbocoris* Bergroth, 1893

Stilbocoris Bergroth, 1893b: 198, 201. Type species by monotypy: *Stilbocoris solivagus* Bergroth, 1893, Seychelles.

***Stilbocoris arabicus* Linnavuori, 1978**

Stilbocoris arabicus Linnavuori, 1978: 81. HT: ♀, YE, Jebel Jihaf, Wadi Leje; BMNH.

Distr. AS: YE.

Genus *Taphropeltus* Stål, 1872

Taphropeltus Stål, 1872: 61. Type species by subsequent designation (Oshanin, 1912: 40):

Lygaeus hamulatus Thomson, 1870.

Ref.: Péricart, 1999b (monogr.); Puton, 1878b (subg. of *Notochilus*); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Wagner, 1951 (rev.).

***Taphropeltus andrei* (Puton, 1877)**

Notochilus (Taphropeltus) andrei Puton, 1877a: 66. LT (Scudder, 1967a: 153): ♀, FR, Dept Haute-Saône, Gray; MNHN.

Taphropeltus andrei f. *gallica* Stichel, 1958: 207.

Distr. EU: BE BH FR GE IT PO SP. NA: AG MO.

***Taphropeltus contractus* (Herrich-Schaeffer, 1835)**

Pachymerus contractus Herrich-Schaeffer, 1835a: 45; 1839: 97. ST(S): AU; lost.

Distr. EU: AL AN AU BE BH BU CR CZ FR GB GE GR HU? IR IT LS LU MA MC MD NL NR PL PO RO RU (ST) SK SL SP SV SZ UK YU. NA: AG MO TU. AS: AB AT.

Ref.: Butler, 1923 (biol., larva); Woodroffe, 1959 (identification).

***Taphropeltus hamulatus* (Thomson, 1870)**

Lygaeus (Drymus) hamulatus Thomson, 1870a: 200. LT (Péricart, 1994c: 408): ♂, SV (south); MZLU.

Taphropeltus contractus (non Herrich-Schaeffer, 1835): Stål, 1872: 61. Misidentification (see Stål, 1872: 61)

Notochilus obscurior Rey, 1888a: 102 (syn. Reuter, 1890b: 249). LT (Péricart, 1996b: 108): ♀, AU, Vienna; MNHL.

Distr. EU: AU BE BH CR CZ FI FR GB GE HU IT LU MC NL NR PL RO RU (ST) SK SP SV SZ UK? YU. AS: AB AR AT GG? IS.

Ref.: Butler, 1923 (biol.); Woodroffe, 1959 (identification).

Note: The validity of this taxon is still in discussion: considered as an infraspecific form of *T. contractus* following Stichel, Southwood & Leston, and V.G. Putshkov, or a valid species according to Wagner, Woodroffe, Stehlík & Vavřínová, and Péricart.

***Taphropeltus intermedius* (Puton, 1881)**

Notochilus nervosus var. *intermedius* Puton, 1881b: 123 (upgraded by Horváth, 1901b: 475). LT (Péricart, 1994c: 408): ♂, IS, Jaffa [= part of Tel Aviv]; MNHN.

Distr. EU: GR. AS: AT IS LE.

Ref.: Oshanin, 1906 (*Taphropeltus*).

***Taphropeltus nervosus* (Fieber, 1861)**

Scolopostethus nervosus Fieber, 1861a: 189. ST(S): ♀, IT; lost?

Taphropeltus nervosus f. *horvathi* Wagner, 1951: 49 (syn. Péricart, 1999b: 322). HT: ♂, GR or CR (Dalmatia); NHMW?

Distr. EU: CR ET FR GR IT MA PO SP. NA: AG LB MO TU AS: AT CY LE.

Ref.: Çagatay, 1985b.

***Taphropeltus ornatus* Linnavuori, 1978**

Taphropeltus ornatus Linnavuori, 1978: 83. HT: ♂, Eritrea, Ailet; AMNH.

Distr. AS: IN IS SA! YE. EL: Eritrea, Somalia.

Genus *Thaumastopus* Fieber, 1870

Thaumastopus Fieber, 1870: 246. Type species by monotypy: *Thaumastopus flavipes* Fieber, 1870 (= *Rhyparochromus marginicollis* Lucas, 1859).

Ref.: Péricart, 1999b (monogr.); Scudder, 1957d (in Drymini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Thaumastopus cinnamomeus* (Horváth, 1884)**

Notochilus (Thaumastopus) cinnamomeus Horváth, 1884: 316. LT (Scudder, 1970b: 199): ♂, IS, "Kaifa" [= Haifa]; HNHN.

Distr. AS: AT CY IS SY. NA: AG?

***Thaumastopus impressicollis* (Lucas, 1849)**

Rhyparochromus impressicollis Lucas, 1849: 75. LT (Péricart, 1996b: 105): ♀, AG, Alger or Skikda; MNHN.

Notochilus gandolphei Puton, 1871a: 124 (syn. Puton, 1875a: 27, suspected; Péricart, 1997b: 486). LT (Scudder, 1967a: 154): ♀, AG, "Bône" [= Annaba]; MNHN.

Distr. NA: AG TU.

***Thaumastopus marginicollis* (Lucas, 1849)**

Rhyparochromus marginicollis Lucas, 1849: 75. LT (Péricart, 1996b: 106): ♀, AG, nr Alger; MNHN.

Scolopostethus longicollis Fieber, 1861a: 189 (syn. Péricart, 1994c: 412). ST(S): IT, Sicily; lost?

Pachymerus taurus A. Costa, 1862: 19 (syn. Puton, 1884a: 149, with *longicollis*). ST(S):

IT, Campania, "Samnium"; lost.
Thaumastopus flavipes Fieber, 1870: 247 (syn. Puton, 1875a: 46). ST(S): ♂, RU (ST), "Sarepta" [= Krasnoarmeysk nr Volgograd]; lost?
Thaumastopus flavipes var. *pallescens* Jakovlev, 1874b: 66. LT (Péricart, 1994c: 412): ♂, RU (ST), "Sarepta" [= Krasnoarmeysk nr Volgograd]; ZMAS.
Notochilus (Thaumastopus) noviburgensis D'Antessanty, 1888: 383 (syn. Scudder, 1967a: 152, with *longicollis*). LT (Scudder, 1967a: 152): ♀, FR, Dept Loire-Atlantique, Bourgneuf; MNHN.
 Distr. EU: BU CR? FR? GR IT MA RU (ST) SP UK. NA: AG MO TU. AS: AB AR AT CY GG IS SY.

Genus *Thebanus* Distant, 1903

Thebanus Distant, 1903a: 67. Type species by original designation: *Thebanus politus* Distant, 1903.
Fabulinus Distant, 1918b: 195 (syn. Scudder, 1962c: 772). Type species by original designation: *Fabulinus mysorensis* Distant, 1918, India.
 Ref.: Scudder, 1962c (in Drymini); J.A. Slater, 1964a (World cat.).
Thebanus politus Distant, 1903
Thebanus politus Distant, 1903a: 67. LT (Scudder, 1966: 3): ♀, Burma, "Carin Asciuii Ghecù"; MCSN.
 Distr. AS: CH (SW). EL: Burma.
 Ref.: Zheng & Zou, 1981a.

Genus *Trichodrymus* Lindberg, 1927

Trichodrymus Lindberg, 1927: 13. Type species by original designation: *Trichodrymus pameroides* Lindberg, 1927.
Lachnodrymodes Kiritshenko, 1931b: 381 (syn. Scudder, 1962c: 773). Type species by original designation: *Lachnodrymodes sikkimensis* Kiritshenko, 1931 (= *Gonatas majusculus* Distant, 1903, India).
 Ref.: Scudder, 1957d (in Drymini); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).
Trichodrymus major Tomokuni, 1994
Trichodrymus major Tomokuni, 1994: 132. HT: ♀, JA, Honshu, Nagano Pref., Tobira Spa; EIHU.
 Distr. AS: JA.
Trichodrymus pallipes Josifov & Kerzhner, 1978
Trichodrymus pallipes Josifov & Kerzhner, 1978: 148, 150. HT: ♀, KO, Prov. Jangkang-do, sea nr Mt Pektusan; ZMAS.
 Distr. AS: JA (Hokkaido!) KO RU (FE).
 Ref.: Vinokurov, 1988.
Trichodrymus pameroides Lindberg, 1927
Trichodrymus pameroides Lindberg, 1927: 13; HT: RU (FE), Vladivostok; MZHF.
 Distr. AS: CH (NE) JA? KO RU (FE).
 Ref.: Vinokurov, 1988.

Genus *Usilanus* Distant, 1909

Usilanus Distant, 1909a: 341. Type species by subsequent designation (Distant, 1911a: 82): *Usilanus burmanicus* Distant, 1909.
 Ref.: J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Zheng & Zou, 1981a (in Drymini).

***Usilanus burmanicus* Distant, 1909**

Usilanus burmanicus Distant, 1909a: 341. LT (Scudder, 1967b: 259): ♂, Burma, "Carin Asciiui Ghecù"; BMNH.

Usilanus denotatus Distant, 1909a: 342 (syn. Scudder, 1970a: 104). LT (Scudder, 1967b: 263): ♀, Burma, Bhamo; BMNH.

Lethaeus maculipennis Distant, 1918c: 244 (syn. Scudder, 1970a: 104). LT (Scudder, 1967b: 272): ♀, "Indochina" [= Cambodia], Kompong Kedey; BMNH.

Distr. AS: CH (SW). **EL:** Burma, Indochina.

***Usilanus pictus* (Distant, 1918)**

Lethaeus pictus Distant, 1918c: 243. LT (Scudder, 1967b: 278): ♂, Laos, Luang Prabang; BMNH.

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

Ref.: Scudder, 1962c (*Usilanus*).

Tribe GONIANOTINI Stål, 1872

GONIANOTINI Stål, 1872: 58 (Gonianotaria). Type genus: *Gonianotus* Fieber, 1860.

PTEROTMETINI Gulde, 1936: 93. Type genus: *Pterotmetus* Amyot & Serville, 1843.

Ref.: Péricart, 1999b (monogr.); Scudder, 1957d (as subtribe Gonianotina); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Stichel, 1958 (monogr.); Sweet, 1967 (morph.).

Genus *Alampes* Horváth, 1884

Alampes Horváth, 1884: 10. Type species by monotypy: *Alampes longiusculus* Horváth, 1884.

Ref.: Kiritshenko, 1951a (monogr.); Péricart, 1999b (monogr.); Scudder, 1957d (in Gonianotina); J.A. Slater, 1964a (World cat.).

***Alampes longiusculus* Horváth, 1884**

Alampes longiusculus Horváth, 1884: 10. LT (Scudder, 1970b: 202): ♀, GR, Peloponnisos, "Hagios Wlassis"; HNHM.

Distr. EU: GR RO UK. **AS:** AB AR TD.

Ref.: Seidenstücker, 1966a (identification).

Note: The record from AG in Stichel (1958) seems erroneous.

***Alampes nanulus* Seidenstücker, 1966**

Alampes nanulus Seidenstücker, 1966a: 65. HT: ♂, AT, Gölbashi (Güneydogu Toroslar); ZSMC.

Distr. AS: AT.

Genus *Aoploscelis* Fieber, 1860

Aoploscelis Fieber, 1860: 47; 1861a: 180. Type species by monotypy: *Aoploscelis bilineatus* Fieber, 1861 (= *Pachymerus bivirgatus* A. Costa, 1853).

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in Gonianotina); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Aoploscelis bivirgata* (A. Costa, 1853)**

Pachymerus bivirgatus A. Costa, 1853: 26. LT (Péricart in Carapezza et al., 1995: 284): ♂, IT (south), Lecce, nr Salento; ZIUN.

Aoploscelis bilineatus Fieber, 1861a: 181 (syn. Puton, 1873: 23). ST(S): FR, Corsica, Ajaccio, Campo dell Oro; lost?

Aoploscelis koeppenii Kiritshenko, 1911b: 315 (syn. V.G. Putshkov, 1969a: 262). LT (Péricart, 1998b: 127): ♀, UK, Crimea, Sevastopol; ZMAS.

Aoploscelis bivirgatus var. *nigra* Mancini, 1947: 40. LT (Péricart, 1998c: 7): ♂, IT,

Umbria, Perugia; MCSN.

Distr. EU: AL BH BU CR FR GR IT PO RO RU (ST) SP UK YU. NA: AG MO TU
AS: AR AT CY SY.

Genus *Aphanus* Laporte, 1833

Pachymerus Lepeletier & Serville, 1825: 323 (junior homonym of *Pachymerus* Thunberg, 1805, Coleoptera). Type species by subsequent designation (Doyère in Cuvier, 1845: pl. 90): *Cimex rolandri* Linnaeus, 1758. Placed on the Official Index of Rejected and Invalid Generic Names (Opinion 676, 1963).

Pamera Say, 1832: 15. New name for *Pachymerus* Lepeletier & Serville, 1825. Suppressed by the International Commission of Zoological Nomenclature (Opinion 676, 1963).

Aphanus Laporte, 1833: 35. New name for *Pachymerus* Lepeletier & Serville, 1825. Placed on the Official List of Generic Names in Zoology (Opinion 676, 1963).

Amyctus Gistel, 1848: x. New name for *Pachymerus* Lepeletier & Serville, 1825.

Ophthalmicus (non Schilling, 1829): Stål, 1862a: 214 (partly).

Calyptonotus Douglas & Scott, 1865: 171 (syn. Saunders, 1892: 100). Type species by subsequent designation (Reuter, 1888a: 404): *Cimex rolandri* Linnaeus, 1758.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

Note: The names *Pachymerus* and *Aphanus* have been used for various taxa within Rhyparochrominae, frequently in an omnibus sense, and sometimes in the sense of *Rhyparochromus*, *Megalonotus*, etc. (J.A. Slater, 1964a: 1400).

Aphanus rolandri (Linnaeus, 1758)

Cimex rolandri Linnaeus, 1758: 448. HT: ♂!, EU; LSUK.

Cimex bimaculatus Linnaeus, 1758: 449 (syn. Linnaeus, 1767: 729). ST(S): EU; lost?

Lygaeus maroccanus Fabricius, 1794: 161 (syn. Stål, 1868: 78). HT: ♂, MO; ZMUC.

Calyptonotus aethiops Douglas & Scott, 1868a: 28, 65 (downgraded to "var." of *rolandri* by Puton, 1881b: 123; upgraded to subspecies by Stichel, 1959: 243); syn. Péricart, 1999c: 77). HT (see Scudder, 1967b: 255): ♀, JO; BMNH.

Microtoma angustula Reuter, 1880: 10 (syn. Reuter, 1885b: 221; as subsp. by Stichel, 1959: 243; syn. Péricart, 1999c: 77). LT (Péricart, 1997a: 66): ♀, GR; MZHF.

Pachymerus rolandri var. *morio* Gradl, 1881: 308. ST(S): GE; lost?

Calyptonotus rolandri var. *nitidulus* Reuter, 1885b: 221. LT (Péricart, 1997a: 67): IS, "Kaifa" [= Haifa]; MZHF.

?*Calyptonotus rolandri* var. *opacus* Reuter, 1885b: 221.

Distr. EU: AU BE BH BU CR CZ EK FI FR GB GE GR HU IT LA LS LU MA MC
MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG AZ CI EG
LB MO MR TU. AS: AB AF AK AR AT GG IN IS JO KI RU (WS) SY TD TM UZ.

Ref.: Putshkova, 1956 (eggs).

Genus *Armenoecus* Kiritshenko & Scudder, 1973

Armenoecus Kiritshenko & Scudder, 1973: 135. Type species by original designation:

Armenoecus testaceus Kiritshenko & Scudder, 1973.

Ref.: Péricart, 1999c (monogr.).

Armenoecus nigerrimus Kiritshenko & Scudder, 1973

Armenoecus nigerrimus Kiritshenko & Scudder, 1973: 138. HT: brach. ♂, AR, Sovietashen [= Nubarashen]; ZMAS.

Distr. AS: AR.

Armenoecus testaceus Kiritshenko & Scudder, 1973

Armenoecus testaceus Kiritshenko & Scudder, 1973: 137. HT: ♂, TM, railway station Akhcha-kuyma; ZMAS.

Distr. AS: AK TM.

Ref.: Péricart, 1999c (in key).

Genus *Bleteogonus* Reuter, 1885

Bleteogonus Reuter, 1885b: 219, 225 (as subgenus of *Pachymerus*; upgraded by V. G. Putshkov, 1958a: 411). Type species by original designation: *Rhyparochromus beckeri* Frey-Gessner, 1863.

Ref.: Kiritshenko & Scudder, 1973 (key); Péricart, 1999c (monogr.); Scudder, 1959 (in *Gonianotina*); J.A. Slater, 1964a (World cat.); Stichel, 1958-1959 (monogr.).

Bleteogonus beckeri (Frey-Gessner, 1863)

Rhyparochromus beckeri Frey-Gessner, 1863: 117. STS: ♂, ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; lost?

Rhyparochromus baeri Jakovlev, 1867: 153 (syn. Jakovlev, 1874a: 256). STS: RU (ST), Astrakhan; lost?

Pachymerus beckeri var. *flavicornis* Reuter, 1885b: 225. LT (Péricart, 1997a: 66): ♂, "Turkestan"; MZHF.

Distr. EU: EK RU (ST) UK. AS: AB AR GG SY? TD?

Ref.: Kiritshenko, 1951a; V.G. Putshkov, 1958a (larva), 1969a.

Bleteogonus circumcinctus (Reuter, 1885)

Pachymerus (Bleteogonus) circumcinctus Reuter, 1885b: 218, 226. HT: ♀, "Turkestan"; MZHF.

Distr. AS: AK IN KI TD TM UZ.

Bleteogonus crassus Kiritshenko & Scudder, 1973

Bleteogonus crassus Kiritshenko, 1964: 174. Nomen nudum.

Bleteogonus crassus Kiritshenko & Scudder, 1973: 138. HT: ♀, TD, lake Derye-kul, left bank of the river Vahsh nr its mouth; ZMAS.

Distr. AS: TD.

Bleteogonus currax (Horváth, 1895)

Aphanus (Bleteogonus) currax Horváth, 1895b: 224. LT (Scudder, 1970b: 199): ♀, UZ, Margilan; HNHM.

Distr. EU: EK RU (ST). AS: AK KI TD TM UZ.

Bleteogonus striatellus Kiritshenko & Scudder, 1973

Bleteogonus striatellus Kiritshenko & Scudder, 1973: 139. HT: ♀, TD (north), Gissar mountain range, NW bank of the lake Iskander-kul; ZMAS.

Distr. AS: TD.

Genus *Diomphalus* Fieber, 1864

Diomphalus Fieber, 1864: 70. Type species by monotypy: *Diomphalus hispidulus* Fieber, 1864.

Dolmacoris Hutchinson, 1934: 129 (syn. Hutchinson, 1944: 769). Type species by original designation: *Dolmacoris deterrana* Hutchinson, 1934 (= *Diomphalus annulicornis* Jakovlev, 1890).

Ref.: Kiritshenko, 1951a (monogr.); Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in *Gonianotina*); J.A. Slater, 1964a (World cat.); Stichel, 1958-1959 (monogr.).

Diomphalus annulicornis Jakovlev, 1890

Diomphalus annulicornis Jakovlev, 1889b: 332. LT (Péricart, 1998b: 124): ♂, RU (ES), Troitskossawsk; ZMAS.

Dolmacoris deterrana Hutchinson, 1934: 130 (syn. Hutchinson, 1944: 769). HT: ♂,

India, NE Kashmir, between Nying-ri and Chungang La; PMNH.
Distr. AS: CH (WP) MG RU (ES). EL: India (north).
Ref.: Zheng & Zou, 1981a.

***Diomphalus hispidulus* Fieber, 1864**

Diomphalus hispidulus Fieber, 1864: 71. ST(S): ♀, RU (ST), Sarepta
[= Krasnoarmeysk nr Volgograd]; lost?

Distr. EU: BU EK GR HU MC MD RO RU (ST) UK YU. AS: AB AF AK AR AT CH
(NW) IN KI RU (ES WS) TD UZ.

Ref.: Josifov, 1957 (redescr.); Zheng & Zou, 1981a.

Genus *Emblethis* Fieber, 1860

Emblethis Fieber, 1860: 51; 1861a: 197. Type species by subsequent designation (Oshanin, 1912: 38): *Emblethis platychilus* Fieber, 1861 (= *Lygaeus verbasci* Fabricius, 1803).

Platychilus Jakovlev, 1874a: 256 (syn. Horváth, 1875: 80). Type species by monotypy:

Platychilus dilaticollis Jakovlev, 1874.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Emblethis amplus* Seidenstücker, 1987**

Emblethis amplus Seidenstücker, 1987: 353. HT: ♂, IN, Tehran-Evin, Alborz; NMPC.

Distr. AS: AT IN IQ.

***Emblethis angustus* Montandon, 1890**

Emblethis angustus Montandon, 1890: 175. LT (Seidenstücker, 1966b: 272): ♂, AG, Oran; MGAB.

Emblethis angustus var. *dubius* Linnavuori, 1953: 164 (upgraded to subsp. by Seidenstücker, 1966b: 263; syn. Péricart, 1999c: 14). HT: ♂, GR, Crete, Canea; AMNH.

Emblethis sinuatus Wagner, 1954d: 227 (partly, only ♀: see Seidenstücker, 1963a: 661).

Emblethis maderensis Wagner, 1954d: 229 (syn. Seidenstücker, 1963a: 661). HT: ♂, MR; ZMUH.

Distr. EU: BU FR GR IT MA MC PO RU (ST) SP UK. NA: AG CI EG LB MO MR TU. AS: AB AF AK AT GG IN IQ IS SY TD TM UZ. EL: Cabo Verde Is.

Ref.: Seidenstücker, 1963a, 1966b (redescr.).

***Emblethis brachynotus* Horváth, 1897**

Emblethis brachynotus Horváth, 1897: 86. LT (Scudder, 1970b: 199): ♂, HU, Budapest; HNHM.

Distr. EU: AU BU CZ EK HU IT RO RU (ST). AS: AB AF AK AT CH (NO NW) KI KO MG RU (ES FE WS).

Ref.: Kiritshenko, 1951a; Vinokurov & Kanyukova, 1995b; Zheng & Zou, 1981a.

***Emblethis brevicornis* Horváth, 1904**

Emblethis brevicornis Horváth, 1904a: 582. ST(S): ♂, KI, "Sary-Bel", in Naryn valley; lost?

Distr. AS: KI.

***Emblethis ciliatus* Horváth, 1875**

Emblethis ciliatus Horváth, 1875: 81. STS: ♂, ♀, HU: Oros, Pest, Rákos, Horgos, and Kis-Szent-Miklós; lost?

Distr. EU: AU BH BU CR CZ EK GR HU IT MC MD RO RU (CT ST) SK SP UK. NA: AG EG LB MO TU. AS: AB AF AK AR AT CH (NO) GG IN IS RU (ES WS) TM. EL: Sahara (Tibesti, in Chad).

Ref.: Seidenstücker, 1963a; Zheng & Zou, 1981a.

***Emblethis denticollis* Horváth, 1878**

Emblethis arenarius var. *denticollis* Horváth, 1878: 79 (upgraded by Horváth, 1884: 12).
HT: AB, Baku; lost?

Emblethis pallens Reuter, 1885b: 230 (syn. Seidenstücker, 1963a: 655, suspected).
ST(S): ♀, MO, Tanger; ZMUC.

Emblethis denticollis var. *anodon* Horváth, 1888a: 176. STS: ♂, ♀, HU; lost?

Emblethis brevitarsis Lindberg, 1921: 48 (syn. Josifov & Kerzhner, 1967: 4). HT: ♀,
RU (ES), Krasnoyarsk; MZHF.

Emblethis brevitarsus J.A. Slater, 1864a: 1425. Lapsus.

Distr. EU: AL AU BH BU CR CZ EK FR GB GE GR HU IT MA MC MD NL PL? PO
RO RU (CT NT ST) SK SL! SP SV UK YU. NA: AG CI EG MO TU. AS: AB AF
AK AR AT CH (NO NW) GG IN IQ IS JO KI LE MG RU (ES WS) SA TD TM UZ.
EL: Pakistan!

Ref.: Seidenstücker, 1963a; Zheng & Zou, 1981a.

***Emblethis dilaticollis* (Jakovlev, 1874)**

Platychilus dilaticollis Jakovlev, 1874a: 259. LT (Péricart, 1996c: 343): ♂, RU (ST),
Astrakhan; ZMAS.

Emblethis luridus Jakovlev, 1904b: 24 (syn. Péricart, 1996c: 343). LT (Péricart, 1996c:
343): ♀ (subbrach.), CH (NW), Xinjiang, Niya oasis; ZMAS.

?*Emblethis brachypterus* Linnavuori, 1953: 165 (syn. Seidenstücker, 1987: 360,
suspected). HT: ♀, IS, Jordan; AMNH.

Distr. EU: EK RU (ST). AS: AB AK AR CH (NW) IN IQ IS KI MG SA TD TM UZ
YE.

Ref.: Kiritschenko, 1951a; Zheng & Zou, 1981a.

***Emblethis duplicatus* Seidenstücker, 1963**

Emblethis angustus (non Montandon, 1890): Wagner, 1954d: 226, 231. Misidentification
(see Seidenstücker, 1966b: 263).

Emblethis duplicatus Seidenstücker, 1963a: 654, 659. HT: ♂, AT, Bursa; ZSMC.

Distr. EU: CZ FR GR IT PO RU (ST) SK SP UK. NA: AG CI TU. AS: AB AT GG.

Ref.: J.A. Slater, 1964a (World cat.); Péricart, 1999c (monogr.).

***Emblethis filicornis* Linnavuori, 1954**

Emblethis filicornis Linnavuori, 1954: 40. STS: ♀, RU (ES), Tuva, Kemtschik; MZHF.

Distr. AS: MG RU (ES WS).

Ref.: Vinokurov & Kanyukova, 1995b.

***Emblethis gracilicornis* Puton, 1883**

Emblethis gracilicornis Puton, 1883: 13. LT (Scudder, 1967a: 154): ♀, SA, Djeddah;
MNHN.

Emblethis longicornis Wagner, 1958b: 202. Lapsus.

Emblethis oblongus Wagner, 1959a: 327 (syn. Linnavuori, 1964: 316). HT: ♂, SA,
Riyadh; ZMUH.

Distr. EU: SP? NA: AG EG LB MO. AS: AF IN IQ IS KU SA YE. EL: Sahara, tropical
Africa.

Ref.: China, 1927 (syst. position); Seidenstücker, 1987 (syst. position).

***Emblethis griseus* (Wolff, 1802)**

Lygaeus griseus Wolff, 1802: 113. ST(S): EU; lost.

Pachymerus marginepunctatus (non Wolff, 1804): Rambur, 1839: 147. Misidentification
(see Reuter, 1888a: 209).

Emblethis arenarius (non Linnaeus, 1758): Fieber, 1861a: 198. Misidentification (see
Puton, 1886a: 28-29).

- Emblethis arenarius* var. *bullatus* Fieber, 1861a: 198 (syn. Péricart, 1999c: 21). STS: IT, Sicily; lost.
Emblethis sinuatus Wagner, 1954d: 227, 231 (syn. Seidenstücker, 1963a: 656, partly).
 HT: ♂!, FR (south); ZMUH.
 Distr. EU: AL AU BE BH BU CR CZ EK EN ET FR GB GE GR HU IT MA MC MD NL PL PO RO RU (NT ST) SK SL SP SZ UK YU. NA: AG AZ CI EG MO MR TU. AS: AB AK AR AT CY GG IN IS SA SY UZ YE.
 Ref.: Butler, 1923 (as *arenarius*, biol.); Seidenstücker, 1987.
- Emblethis horvathianus* Hutchinson, 1934**
Emblethis horvathiana Hutchinson, 1934: 128. HT: ♀, India, NE Kashmir, Renka-le; PMNH.
 Distr. AS: CH (WP). EL: N India.
- Emblethis karamanus* Seidenstücker, 1963**
Emblethis karamanus Seidenstücker, 1963a: 654, 659. HT: ♂, AT, Pozanti; ZSMC.
 Distr. EU: BU GR RU (ST). AS: AR AT IN IQ KI LE TD.
 Ref.: Çagatay, 1987 (♂ genitalia); Seidenstücker, 1987.
- Emblethis latus* Seidenstücker, 1966**
Emblethis latus Seidenstücker, 1966c: 28. HT: ♂, "Kaukasus"; ZSMC.
 Distr. NA: MO TU. AS: AR AT IN MG TD TM UZ. EL: Pakistan!
 Ref.: Seidenstücker, 1987.
- Emblethis major* Montandon, 1890**
Emblethis verbasci var. *major* Montandon, 1890: 177 (upgraded by Seidenstücker, 1963a: 659). LT (Péricart, 1998c: 11): ♀, IS, Jerusalem; MNHN.
 Distr. EU: IT? MC? NA: TU. AS: AT IN IS JO.
 Ref.: Seidenstücker, 1987.
- Emblethis minutus* Kiritshenko, 1911**
Emblethis minutus Kiritshenko, 1911a: 87. LT (Péricart, 1998b: 128): ♀, AK, "Syrdarya", Perovsk [= Kzyl-Orda Prov.], nr Dzhulek; ZMAS.
 Distr. EU: EK RU (ST). NA: EG? AS: AF AK AR AT CH (NW) IS? (or JO?) MG TD TM UZ.
 Ref.: Josifov, 1965c (identification).
- Emblethis nigricans* Popov, 1964**
Emblethis nigricans Popov, 1964: 698, 702, 705. HT (see also Popov, 1965: 229): ♂, KI (south), Ferganska Range, valley of the river Karasu, 40-60 km NE Arslanbob; ZMUM.
 Distr. AS: KI.
- Emblethis nox* Kiritshenko, 1912**
Emblethis nox Kiritshenko, 1912b: 387. LT (Péricart, 1998b: 128): ♂, UZ, Bukhara, nr Tutak-ata; ZMAS.
 Distr. AS: IN UZ
 Ref.: Seidenstücker, 1967 (redescr.), 1987.
- Emblethis osmanus* Seidenstücker, 1963**
Emblethis osmanus Seidenstücker, 1963a: 654, 657. HT: ♂, AT, Konya; ZSMC.
 Distr. AS: AT IN IQ SY TD UZ.
 Ref.: Seidenstücker, 1987.
- Emblethis parvus* Montandon, 1890**
Emblethis parvus Montandon, 1890: 174. LT (Péricart, 1998c: 11): ♂, MO, Tanger; MNHN.

Distr. EU: PO SP. NA: AG LB MO TU.

***Emblethis persicus* Josifov, 1965**

Emblethis persicus Josifov, 1965c: 205. HT: ♂, IN, Isfagan; ZMAS.

Distr. AS: IN.

***Emblethis proximus* Seidenstücker, 1967**

Emblethis proximus Seidenstücker, 1967: 257. HT: ♂, SZ, Wallis, Sierre; ZSMC.

Distr. EU: FR GR SP SZ UK.

***Emblethis robustus* Josifov, 1965**

Emblethis robustus Josifov, 1965c: 203. HT: ♂, GR, Crete, Herakleion; HNHM.

Distr. EU: GR. AS: CY.

***Emblethis sabulosus* Seidenstücker, 1963**

Emblethis sabulosus Seidenstücker, 1963a: 654, 663. HT: ♂, AT, Konya; ZSMC.

Distr. EU: EK RU (ST). AS: AT TD.

Ref.: Seidenstücker, 1987.

***Emblethis semenovi* Kiritschenko, 1911**

Emblethis semenovi Kiritschenko, 1911a: 88. HT: ♂, AK, Aleksander Mts [= Kirghizian Alatau Range], pass Tshaj-Sandyk [= Chay Sandyk]; ZMAS.

Distr. AS: AK.

***Emblethis setifer* Seidenstücker, 1966**

Emblethis setifer Seidenstücker, 1966c: 36. HT: ♂, AT, Konya; ZSMC.

Distr. AS: AR AT IN IQ TD UZ.

Ref.: Seidenstücker, 1987.

***Emblethis solitarius* Jakovlev, 1882**

Emblethis solitarius Jakovlev, 1882a: 356. HT: AK, "Konstantinovskaya" [between Irgiz and Kazalinsk]; ZMAS.

Distr. AS: AK IN.

Ref.: Seidenstücker, 1987 (♂ genitalia).

***Emblethis tenellus* Jakovlev, 1884**

Emblethis tenellus Jakovlev, 1884: 124. HT: ♂, IN, Shahrud; ZMAS.

Distr. AS: IN SA YE.

Ref.: Josifov, 1965c (*Gonianotus*?); Seidenstücker, 1987 (distr., ♂ genitalia).

Note: According to Seidenstücker (1987), the record from RU is erroneous and that from the Sahara (Tibesti) needs confirmation.

***Emblethis verbaschi* (Fabricius, 1803)**

Lygaeus verbaschi Fabricius, 1803: 235. HT: ♂, GE; ZMUC.

Lygaeus pilifrons Zetterstedt, 1819: 71 (syn. Horváth, 1875: 80). LT (Péricart, 1997a: 71): ♂, SV, Öland Island, Ottenby; MZLU.

?*Pachymerus marginepunctatus* (non Wolff, 1804): Herrich-Schaeffer, 1833a: 7.

Misidentification (see Reuter, 1888a: 209).

?*Emblethis platychilus* Fieber, 1861a: 197 (syn. Stål, 1862a: 222). STS: EU; lost?

?*Emblethis verbaschi* var. *bullans* Puton, 1878b: 67. ST(S): FR; lost.

?*Emblethis verbaschi* var. *minor* Montandon, 1890: 177. STS: FR (Hyères) and AG (Biskra and "Bône" [= Annaba]; MGAB (1 ST from FR).

Emblethis verbaschi f. *hedickei* Michalk, 1938b: 296. STS: PL, Bellinchen [= Bielinek]; lost?

Distr. EU: AN! AU BE BH BU BY CR CZ EK EN! ET FR GB (Jersey) GE GR HU IT LS LU MA MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA:

AG? CI MO MR? TU? AS: AB AK AR AT GG.

Ref.: Seidenstücker, 1963a (♂ genitalia).

Note: Most synonymies indicated above are only suspected, because types are lost and (except in northern Europe) confusion with other species cannot be excluded.

Because of the latter the distribution as given is incomplete, especially records in the literature up to the sixties are not reliable.

Genus *Facicoris* Kiritshenko & Scudder, 1973

Facicoris Kiritshenko, 1964: 162. Nomen nudum.

Facicoris Kiritshenko & Scudder, 1973: 140, 142, 150. Type species by original designation: *Facicoris fax* Kiritshenko & Scudder, 1973.

Ref.: Péricart, 1999b (monogr.).

Facicoris fax Kiritshenko & Scudder, 1973

Facicoris fax Kiritshenko & Scudder, 1973: 140, 142, 150. HT: ♀, TD, Gissar Distr., Hochildiyar; ZMAS.

Distr. AS: AB AR IS TD TM.

Ref.: Gidayatov, 1982 (biol.); Linnavuori, 1986 (identification, redescr.).

Genus *Gonianotus* Fieber, 1860

Gonianotus Fieber, 1860: 51; 1861a: 196. Type species by subsequent designation (Oshanin, 1912: 39): *Lygaeus marginepunctatus* Wolff, 1804.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

Gonianotus angusticollis Linnavuori, 1953

Gonianotus angusticollis Linnavuori, 1953: 155, 166. STS: ♂, AK (Chimkent Prov., Bekljär-bek) and UZ (desert Golodnoi [= Golodnaya Step]); UZMT.

Distr. AS: AK UZ.

[*Gonianotus brunneus* Villiers, 1956

Gonianotus brunneus Villiers, 1956: 841. HT: ♀!, Mauritania, Chinguetti; coll. IFAN, Dakar, Senegal.

Distr.: Mauritania.

Ref.: Péricart, 1999c (monogr.).

Note: Possibly a synonym of *Gonianotus galactodermus* (see Péricart, 1999c: 49).]

Gonianotus carayoni Wagner, 1958

Gonianotus carayoni Wagner, 1958b: 206. HT: ♂, AG, Sahara, Tassili, oued Torset or oued Oukvima; MNHN?

Distr. NA: AG.

Gonianotus galactodermus Fieber, 1861

Aphanus marginepunctatus (non Wolff, 1804): Brullé, 1838: 80. Misidentification (see Lindberg, 1953: 86).

Gonianotus galactodermus Fieber, 1861a: 197. STS: ♂, ♀, IT (Sicily, Palermo) and SP (San Ildefonso); lost?

Gonianotus barbarus Montandon, 1890: 177 (syn. Péricart, 1995a: 502). LT (Péricart, 1995a: 502): ♂, TU, Oudref; MNHN.

Emblethis pusillus Priesner & Alfieri, 1953: 59, 60 (syn. Péricart, 1997b: 487). LT (Péricart, 1998c: 11): ♂, EG, Ikingi (Mariout); OLML.

?*Emblethis kareli* Hoberlandt, 1956: 138 (syn. Péricart, 1997b: 487, suspected). HT: ♀, AT, Ayas; NMPC.

Distr. EU: BH FR IT SP UK. NA: AG CI EG LB? MO TU. AS: AB AR? AT IN IS SA SY YE. EL: Sudan, Somalia.

Ref.: Hoberlandt, 1956 (*pusillus*, redescr.); Lindberg, 1953 (*barbarus* and

marginepunctatus).

***Gonianotus marginepunctatus* (Wolff, 1804)**

Lygaeus marginepunctatus Wolff, 1804: 150. ST(S): EU; lost.

Lygaeus littoralis Zetterstedt, 1819: 72 (syn. Stål, 1862a: 222). LT (Péricart, 1997a: 71): ♂, SV, Skåne, Esperöd; MZLU.

Rhyparochromus marginatus Dahlbom, 1851: 218 (syn. Stål, 1862a: 222). STS: SV; lost?

Pachymerus derelictus A. Costa, 1853: 16 (syn. Puton, 1886a: 29). ST(S): IT, nr Naples; lost.

Gonianotus marginepunctatus var. *gebieni* Schumacher, 1914: 250. STS: GE, Nieder-Elbe; lost?

Gonianotus marginepunctatus f. *dorsalis* Wagner, 1937: 21. HT: ♂, GE, nr Hamburg, Neu-Darchau; ZMUH.

Gonianotus marginepunctatus f. *testaceus* Wagner, 1937: 21. HT: ♂, GE, nr Hamburg, Neu-Darchau; ZMUH.

Gonianotus parilis Kiritshenko, 1951a: 288, 293 (syn. Péricart, 1997b: 487). LT (Péricart, 1998b: 128): ♂, UK, Aleshki, lower course of Dnieper river; ZMAS.

Distr. EU: AU BE BH BU BY CZ DE EK FI FR GB (Guernsey) GE GR HU IT LU? MC MD NL PL PO RO RU (CT NT ST) SK SP SV SZ! UK YU. AS: AB? AK AT IS? KI RU (WS).

***Gonianotus reichardti* Kiritshenko, 1931**

Gonianotus reichardti Kiritshenko 1931a: 85, 102. HT: ♂, KI, Transalai Range, Bordoba [= Bordyobya]; ZMAS.

Distr. AS: AF KI TD.

Note: J.A. Slater (1964a) misinterpreted the type locality as "N. India".

Genus *Hyalocoris* Jakovlev, 1874

Hyalocoris Jakovlev, 1874a: 250. Type species by monotypy: *Hyalocoris pilicornis* Jakovlev, 1874.

Paraneurocladus Hoberlandt, 1944: 396, 399 (syn. Hoberlandt, 1959: 516). Type species by original designation: *Paraneurocladus iranicus* Hoberlandt, 1944 (= *Hyalocoris pilicornis* Jakovlev, 1874).

Ref.: Kiritshenko, 1951a; Péricart, 1999b (monogr.); Scudder, 1957d (in *Gonianotina*); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Hyalocoris mongolicus* Vinokurov, 1998**

Hyalocoris mongolicus Vinokurov, 1998: 100. HT: ♂, MG, Gobi-Altai Aimak, 15 km WNW of Dzakhoi; ZMAS.

Distr. AS: MG.

***Hyalocoris pilicornis* Jakovlev, 1874**

Hyalocoris pilicornis Jakovlev, 1874a: 253. LT (Péricart, 1998b: 125): ♀, RU (ST), Astrakhan; ZMAS.

Hyalocoris longicollis Jakovlev, 1889b: 332 (syn. Kiritshenko, 1911a: 92). LT (Péricart, 1998b: 125): ♂, TM; ZMAS.

Rhyparochromus translucidus Puton, 1898: 167 (syn. Péricart, 1999b: 435, suspected). HT: AG, Ghardaïa; coll. Chobaut in coll. Morère, Paris?

Rhyparochromus arenicolor Bergroth, 1917: 5 (syn. Kiritshenko, 1952a: 174). LT (Péricart, 1998c: 8): ♂, TM, "Pereval"; MZHF.

Paraneurocladus iranicus Hoberlandt, 1944: 401 (syn. Hoberlandt, 1959): 516. HT: ♂, IN, Keredj; NMPC.

Rhyparochromus arenicola Linnavuori, 1953: 153. Lapsus.

Distr. EU: EK RU (ST). NA: AG. AS: AK CH (NW) IN IS KI MG TD TM UZ. EL: tropical Africa (Chad, Niger).

Genus *Ischnopeza* Fieber, 1860

Ischnopeza Fieber, 1860: 51; 1861a: 198. Type species by monotypy: *Rhyparochromus scaphula* Baerensprung, 1858 (= *Pachymerus hirticornis* Herrich-Schaeffer, 1850).

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in *Gonianotina*); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Ischnopeza hirticornis* (Herrich-Schaeffer, 1850)**

Pachymerus hirticornis Herrich-Schaeffer, 1850: 210. HT: ♂, FR, Corsica; lost.

Rhyparochromus scaphula Baerensprung, 1858b: 198 (syn. Fieber, 1861a: 198, 388).

LT: ♀, SP, Sierra Nevada; ZMHB.

Distr. EU: AL BH BU CR ET FR GR IT MC RO RU (ST) SP UK YU. NA: AG EG MO. AS: AB AF AR AT CY GG IN IS JO KI LE TD TM UZ.

Ref.: Çagatay, 1987 (♂ genitalia).

***Ischnopeza pallipes* Puton, 1892**

Ischnopeza pallipes Puton, 1892b: 27. LT (Scudder, 1967a: 156): ♀, AG, Biskra; MNHN.

Ischnopeza taborskyi Hoberlandt, 1956: 135 (syn. Péricart, 1996c: 344). HT: ♂ (macr.), AT, Adana; NMPC.

Distr. EU: GR (Crete, Rhodes, Santorin). NA: AG EG LB TU. AS: AT CY IQ IS LE SY.

Note: Some doubts remain concerning the specific status of this species (see Péricart, 1999a: 440).

***Ischnopeza persica* Jakovlev, 1907**

Ischnopeza persica Jakovlev, 1907b: 24. LT (Péricart, 1998b: 125): ♂ (macr.), IN, Ahvaz, nr river Karun; ZMAS.

Distr. AS: IN.

***Ischnopeza zarudniana* Jakovlev, 1907**

Ischnopeza zarudniana Jakovlev, 1907b: 24. HT: ♀, IN (West), Luristan, Deh-i-Diz; ZMAS.

Distr. AS: IN.

Genus *Macrodema* Fieber, 1860

Macrodema Fieber, 1860: 47; 1861a: 180. Type species by monotypy: *Pachymerus hirsutulus* Scholtz, 1847 (= *Rhyparochromus micropterus* Curtis, 1836).

Hypnophilus Douglas & Scott, 1865: 208 (syn. Puton, 1869b: 13). Type species by subsequent designation (China, 1941: 130): *Rhyparochromus micropterus* Curtis, 1836.

Hypnobiis Douglas & Scott, 1875: 185. Unnecessary new name for *Hypnophila* Bourguignat, 1858, Mollusca).

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in *Gonianotina*); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Macrodema microptera* (Curtis, 1836)**

Rhyparochromus micropterus Curtis, 1836: text to pl. 612. STS: GB, Hampshire, nr Heron Count; MVMA?

Pachymerus subaeneus Herrich-Schaeffer, 1840b: 36 (syn. Puton, 1875a: 24). STS: ♂, ♀, GE, Bayern (Erlangen) and Sachsen (Stadt Wehlen); lost.

Pachymerus hirsutulus Scholtz, 1847: 147 (syn. Douglas & Scott, 1865: 208). STS: PL, Silesia; lost.

Pachymerus gracilis Boheman, 1852a: 53 (syn. Fieber, 1861a: 388, with *hirsutulus*).
ST(S): ♂, SV, Småland, "Anneberg"; NHRS?
Pterotmetus menetriesii Kuschakevitch, 1854: 23 (syn. Puton, 1875a: 24). LT (Péricart, 1998b: 129): ♂, GE (south); ZMAS.
Pachymerus staphyliniformis (non Schilling, 1829): De Graaf et al., 1860: 177.
Misidentification (see J.A. Slater, 1964a: 1452).
Pachymerus hemipterus (non Schilling, 1829): Flor, 1860: 261. Misidentification (see Fieber, 1863: 55).
Macrodera lathrobioides Fieber, 1861a: 180. Nomen nudum (published in synonymy).
Macrodera nigra Signoret, 1865: 123 (syn. Puton, 1874a: 226). ST(S): FR; nr Paris; lost?
Distr. EU: AN AU BE BH BU BY CR CZ DE EN FI FR GB GE IR IT LA LT LU NL NR PL PO RU (CT NT) SK SL SP SV SZ UK YU. NA?: MO? TU? AS: AB?
Ref.: Pfaler, 1936 (biol.); Southwood & Leston, 1959 (biol.).
Note: See note on page 36.

Genus *Neurocladus* Fieber, 1860

Neurocladus Fieber, 1860: 51; 1861a: 198. Type species by monotypy: *Neurocladus ater* Fieber, 1861 (= *Rhyparochromus brachiidens* Dufour, 1851).
Acanthocnemis Signoret, 1865: 124 (syn. Stål, 1872: 59). Type species by monotypy: *Rhyparochromus brachiidens* Dufour, 1851.
Acompomorpha Jakovlev, 1879: 89 (syn. Reuter, 1885c: 159). Type species by monotypy: *Acompomorpha aterrima* Jakovlev, 1881 (= *Rhyparochromus brachiidens* Dufour, 1851).
Neurocladius auct. Lapsus.
Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).
***Neurocladus brachiidens* (Dufour, 1851)**
Rhyparochromus brachiidens Dufour, 1851: 327. LT (Scudder, 1967a: 152): ?, SP, "in collibus Matritensibus" [= nr Madrid]; MNHN.
Neurocladus ater Fieber, 1861a: 199 (syn. Puton, 1873: 23). ST(S): ♀, EU (south); NHMW?
Acompomorpha aterrima Jakovlev, 1879: 91 (syn. Reuter, 1885c: 159). LT (Péricart, 1998b: 124): ♂, RU (ST), Derbent; ZMAS.
Distr. EU: BU CR FR GR IT MA MC PO RO? RU (ST) SP UK YU. NA: AG CI LB MO MR TU. AS: AB AR AT CY GG IN IQ IS KI SY TD TM UZ.
Ref.: Lindberg, 1953 (biol.).

Genus *Parapolycrates* Reuter, 1885

Parapolycrates Reuter, 1885b: 216. Type species by monotypy: *Parapolycrates ciliatus* Reuter, 1885.
Dichroelytrus Kiritshenko, 1914b: 189 (syn. Scudder, 1962c: 770). Type species by monotypy: *Dichroelytrus conjunctus* Kiritshenko, 1914.
Ref.: Kerzhner in Kerzhner & Jaczewski, 1964 (in Gonianotini); Kiritshenko & Scudder, 1973 (key, morph.); Péricart, 1999c (monogr.); J.A. Slater, 1964a (World cat., in Megalonotini); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Stichel, 1959 (monogr.).

Subgenus *Kerzhneroches* Kiritshenko & Scudder, 1973

Pagmania Kiritshenko, 1963a: 376 (junior homonym of *Pagmania* Amsel, 1961, Lepidoptera; downgraded by Kerzhner in Kerzhner & Jaczewski, 1964: 808). Type species by original designation: *Pagmania dichroa* Kiritshenko, 1963.

Kerzhneroches Kiritshenko & Scudder, 1973: 145. New name for *Pagmania* Kiritshenko, 1963.

***Parapolycrates arnoldii* Kerzhner, 1964**

Parapolycrates arnoldii Kerzhner in Kerzhner & Jaczewski, 1964: 808. LT (Péricart, 1998b: 126): ♂, AK, Karaganda Prov. [now in Dzhezkazgan Prov.], Koksengir Hills, 40 km S of Zhana Arka; ZMAS.

Distr. EU: EK. AS: AK.

***Parapolycrates dichrous* (Kiritshenko, 1963)**

Pagmania dichroa Kiritshenko, 1963a: 376. HT: ♂, AF, Pagman: ZMAS.

Distr. AS: AF.

Ref.: Kerzhner in Kerzhner & Jaczewski, 1964 (subgenus *Pagmania*).

***Parapolycrates oculatus* Kiritshenko & Scudder, 1973**

Dichroelytrus oculatus Kiritshenko, 1964: 163. Nomen nudum.

Parapolycrates (*Kerzhneroches*) *oculatus* Kiritshenko & Scudder, 1973: 144. HT: ♀, TD (north), Gissar mountain range, left bank of river Iskander-Darya, nr the source; ZMAS.

Distr. AS: TD.

Subgenus *Parapolycrates* Reuter, 1885

***Parapolycrates ciliatus* Reuter, 1885**

Parapolycrates ciliatus Reuter, 1885b: 216. HT: ♀, RU (ST), Astrakhan Prov., Bogdo Mt.; MZHF.

Distr. EU: RU (ST). AS: AK TM.

Ref.: Kiritshenko, 1951a; Kiritshenko & Scudder, 1973 (in key).

***Parapolycrates conjunctus* (Kiritshenko, 1914)**

Dichroelytrus conjunctus Kiritshenko, 1914b: 190. LT (Péricart, 1998b: 127): ♂, TD, "Viskharv, on the crest of Darvaz mountain range, SE Bucharra"; ZMAS.

Distr. AS: TD.

Ref.: Kiritshenko & Scudder, 1973 (in key).

***Parapolycrates limbatus* Kiritshenko & Scudder, 1973**

Dichroelytrus limbatus Kiritshenko, 1964: 162. Nomen nudum.

Parapolycrates limbatus Kiritshenko & Scudder, 1973: 143. HT: ♂, TD, Gissar mountain range, river Hozor-mech, E bank of the lake Iskander Kul; ZMAS.

Distr. AS: TD.

Genus *Pionosomus* Fieber, 1860

Pionosomus Fieber, 1860: 48; 1861a: 185. Type species by monotypy: *Lygaeus varius* Wolff, 1804.

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Vinokurov, 1982 (key, rev.).

***Pionosomus abha* Linnavuori, 1986**

Pionosomus abha Linnavuori, 1986: 88. HT: ♂ (brach.), SA, Asir National Park, nr Abha; AMNH.

Distr. AS: SA.

***Pionosomus alticola* Lindberg, 1953**

Pionosomus alticola Lindberg, 1953: 79. HT: ♂ (macr.), CI, Tenerife, Portillo; MZHF.

Distr. NA: CI.

***Pionosomus heterotrichus* Horváth, 1884**

Pionosomus heterotrichus Horváth, 1884: 11. LT (Scudder, 1970b: 201): ♀, UK, Crimea, Sudak; HNHN.

Pionosomus fuscipes Horváth, 1895c: 41 (syn. V.G. Putshkov, 1969a: 261). HT: ♀!, UK, Crimea, Koktebel; HNHN.

Distr. EU: EK RU (ST) UK. AS: AB AK AR AT IN KI MG TD TM UZ.

Ref.: Horváth, 1895c: (as *fuscipes* in key).

Note: The record from IS was based on misidentified *Facicoris fax* (see Linnavuori, 1986: 89).

***Pionosomus horvathi* Vinokurov, 1982**

Pionosomus horvathi Vinokurov, 1982: 226. HT: ♂, MG, Bayan-Khongor aymak, 40 verstes from the inferior valley of the river Baydrag-Gol; ZMAS.

Distr. AS: AK MG.

***Pionosomus madeirae* Lindberg, 1961**

Pionosomus madeirae Lindberg, 1961: 28. HT: ♂, MR, Paul de Serra; MZHF.

Distr. NA: MR.

***Pionosomus monochrous* Jakovlev, 1889**

Pionosomus monochrous Jakovlev, 1889c: 59. LT (Vinokurov, 1982: 232): ♂, RU (ES), nr Irkutsk; ZMAS.

Pionosomus varius (non Wolff, 1804): Reuter, 1891b: 182. Misidentification (see Reuter, 1910a: 76).

Distr. AS: JA? MG RU (ES FE).

Ref.: Horváth, 1895c (in key).

***Pionosomus nitens* Wagner, 1967**

Pionosomus nitens Wagner, 1967b: 78. HT: ♂, AG, 40 km E Aflou!; ZMUH.

Distr. NA: AG MO.

Ref.: Péricart, 1999b (perhaps an infraspecific form of *varius*).

***Pionosomus opacellus* Horváth, 1895**

Pionosomus varius (non Wolff, 1804): Garbiglietti, 1869: 116 and Ferrari, 1892: 557. Misidentifications (see Mancini, 1952a: 61).

Pionosomus opacellus Horváth, 1895c: 40. LT (Scudder, 1970b: 203): ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; MNHN.

Pionosomus depressus Horváth, 1895c: 41 (syn. Josifov, 1987: 7). LT (Scudder, 1970b: 200): ♂, IT, Vercelli; HNHN.

Distr. EU: AU BU BY CZ DE EK GE GR HU IT MC PL RO RU (CT ST) SK UK YU. AS: AB? AK AT CH (NW) KI? MG RU (ES FE WS).

Ref.: Zheng & Zou, 1981a.

***Pionosomus persimilis* Horváth, 1895**

Pionosomus persimilis Horváth, 1895c: 40. LT (Scudder, 1970b: 203): ♀, UK, Margilan; HNHN.

Distr. AS: AB AR AT TD UZ.

***Pionosomus trichopterus trichopterus* (Thomson, 1870)**

Lygaeus trichopterus Thomson, 1870b: 339. STS: SV, Öland Is.; lost?

Distr. EU: SV.

Ref.: Vinokurov, 1984 (nominal ssp.).

***Pionosomus trichopterus frigidus* Vinokurov, 1979**

Pionosomus frigidus Vinokurov, 1979: 206 (downgraded by Vinokurov, 1984: 73). HT:

♂, RU (ES), Yakutia, Cherskogo Mts, village Tebyulyakh; ZMAS.
Distr. AS: RU (ES FE).
Ref.: Vinokurov, 1982 (redescr.).

***Pionosomus trichopterus latens* Vinokurov, 1982**

Pionosomus frigidus latens Vinokurov, 1982: 234. HT: ♂, RU (ST), Sarepta
[= Krasnoarmeysk nr Volgograd]; ZMAS.
Distr. EU: EK RU (ST) UK. AS: AB AK RU (WS).

***Pionosomus varius* (Wolff, 1804)**

Lygaeus varius Wolff, 1804: 148. ST(S): EU; lost.
Lygaeus bimaculatus Zetterstedt, 1819: 73 (syn. Herrich-Schaeffer, 1835a: 76). LT
(Péricart, 1997a: 71) ♂, SV, Esperöd; MZLU.
Pionosomus alloeonotus Reuter, 1900c: 125 (syn. Reuter, 1902: 150). HT: RU (NT),
Konnewitz [= Konevets] Is. in Ladoga lake; lost.
Pionosomus opacellus var. *lainzi* Gómez-Menor, 1956: 69 (syn. nov.). HT: ♂,
SP, Santander, Oyambre; MNMS
Distr. EU: BE BH BY CZ? DE EN FI FR GB GE HU IT LA LU? MC NL PL RO RU
(NT) SP SV SZ. NA: AG MO? AS: AT.
Ref.: Pfaler, 1936 (biol.).
Note: The record from JA by Hasegawa (1961) refers to *Pionosomus monochrous*.

Genus *Pterotmetus* Amyot & Serville, 1843

Pterotmetus Amyot & Serville, 1843: 256. Type species by subsequent designation
(Blanchard, 1847: 616): *Pachymerus staphyliniformis* Schilling, 1829.
Aphanosoma (non A. Costa, 1853): Stål, 1872: 52. Misidentification.
Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in
Gonianotina); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Pterotmetus dimidiatus* Fieber, 1861**

Pterotmetus dimidiatus Fieber, 1861a: 182. ST(S): SP; lost?
Distr. EU: AN FR IT PO SP SZ YU? NA: AG.
Note: Quotation from IS by Bodenheimer (1937) probably refers to *staphyliniformis*.

***Pterotmetus parnassius* Horváth, 1882**

Pterotmetus parnassius Horváth, 1882c: 254. LT (Scudder, 1970b: 203): ♂, GR,
Parnass; NHMW.
Distr. EU: GR. AS: CY.

***Pterotmetus staphyliniformis* (Schilling, 1829)**

Pachymerus staphyliniformis Schilling, 1829: 77. ST(S): PL, Silesia; lost.
Pachymerus staphylinoides Burmeister, 1835: 294. Unjustified emendation.
Plociomerus brachypterus Boheman, 1852b: 105 (syn. Baerensprung, 1858a: 80). STS:
SV (south); NHRS?
Distr. EU: AL AN AU BE BH BU BY CZ DE EK EN ET FI FR GB GE GR HU IT LA
LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: MO?
AS: AB AK AR AT CH (NO) GG? IN KI MG RU (ES FE WS) UZ.
Ref.: Pfaler, 1936 (biol.); Zheng & Zou, 1981a.

Genus *Trapezonotus* Fieber, 1860

Trapezonotus Fieber, 1860: 50; 1861a: 190. Type species by subsequent designation
(Oshanin, 1912: 37): *Lygaeus agrestis* Fallén, 1807 (= *Cimex arenarius* Linnaeus,
1758).
Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in
Gonianotina); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

Subgenus *Gnopherus* Stål, 1872

Gnopherus Stål, 1872: 55 (subgenus). Type species by original designation: *Trapezonotus nigripes* Fieber, 1861 (= *Pachymerus anorus* Flor, 1860).

***Trapezonotus alticola* Zheng, 1981**

Trapezonotus (Gnopherus) alticola Zheng in Zheng & Zou, 1981b: 159, 163. HT: ♀, CH (WP), Xizang [=Tibet], Markam, Mang-cuo; IZAS.

Distr. AS: CH (SW? WP).

***Trapezonotus anorus* (Flor, 1860)**

Pachymerus (Pachymerus) anorus Flor, 1860: 263. STS: ♂, ♀, EN (Ontika; Mohn [= Muhamaa Is.]) and LA (Lodenhof [= Lode], Kudling [= Banuzi], and Segewold [= Sigulda]); IZBE?

Trapezonotus nigripes Fieber, 1861a: 191 (syn. Fieber, 1863: 55). STS: ♂, ♀, AU and CZ (Bohemia); lost?

Distr. EU: AU BE BH BU BY CZ DE EN FI FR GE LA LS LT NR PL RO RU (CT NT ST) SK SL SV SZ UK YU. AS: AK RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.).

***Trapezonotus subtilis* Jakovlev, 1889**

Trapezonotus subtilis Jakovlev, 1889c: 59. LT (Vinokurov, 1990: 79): ♂, RU (ES), Irkutsk; ZMAS.

Distr. AS: CH (WP) KI MG RU (ES FE) UZ.

Ref.: Oshanin, 1906 (subgenus *Gnopherus*).

Subgenus *Trapezonotus* Fieber, 1860

***Trapezonotus aeneiventris* Kiritshenko, 1931**

Trapezonotus aeneiventris Kiritshenko, 1931b: 363, 377. HT: ♀, CH (WP), Tibet, Yatung [= Yadong]; BMNH?

Distr. AS: CH (WP).

Ref.: Zheng & Zou, 1981a.

***Trapezonotus arenarius arenarius* (Linnaeus, 1758)**

Cimex arenarius Linnaeus, 1758: 448. HT: ♀!, EU; LSUK.

Lygaeus sylvaticus (non Fabricius, 1775): Panzer, 1803a: 16. Misidentification (see Zetterstedt, 1828: 472).

Lygaeus agrestis Fallén, 1807: 66 (syn. Zetterstedt, 1828: 472, suspected; Horváth, 1899c: 276). LT (Péricart, 1997a: 64): ♂, SV, Esperöd; MZLU.

Trapezonotus psammobius Garbiglietti, 1869: 117 (syn. Puton, 1874a: 226). ST(S): IT, nr Torino; MIZT?

Distr. EU: AL AN! AU BE BH BU BY CR CZ DE EK EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR PL PO RO RU (CT NT ST) SL SP SV SZ UK YU.

NA: AG? MO? MR? AS: AB AK AR AT GG MG RU (ES WS).

Ref.: Pfaler, 1936 (biol.); Sweet, 1960 (food); Woodroffe, 1960 (identification).

***Trapezonotus arenarius elegantulus* Kiritshenko & Scudder, 1973**

Trapezonotus elegantulus Kiritshenko, 1964: 170. Nomen nudum.

Trapezonotus elegantulus Kiritshenko & Scudder, 1973: 134, 147 (downgraded by Vinokurov, 1990: 81). HT: ♂, TD, Hurmi, right bank of river Zeravshan; ZMAS.

Distr. AS: AK CH (NW) KI KO! TD TM UZ.

Note: Records of *arenarius* from CH by Zheng & Zou (1981a: 209) are included under this subspecies.

***Trapezonotus breviceps* Jakovlev, 1881**

Trapezonotus breviceps Jakovlev, 1882a: 358. HT: ♂, GG, Batumi; ZMAS.

Distr. EU: RU (ST). AS: GG.

Note: V.G. Putshkov (1969a: 268) considers *breviceps* as a synonym of *dispar*; Vinokurov (1990: 84) agrees with this statement, that was not retained by Péricart (1999c: 71).

***Trapezonotus desertus* Seidenstücker, 1951**

Trapezonotus desertus Seidenstücker, 1951: 79. HT: GE, Bavaria, Nürnberg; ZSMC.

Trapezonotus relictus Roubal, 1955: 160. Lapsus?

Distr. EU: AN AU BE BU BY CZ EN FI FR GB GE IT LU NL NR PL RO RU (CT NT) SL SP SV SZ YU. AS: AT IN KO MG RU (ES FE WS). EL: Alaska, Canada, USA.

Ref.: Southwood & Leston, 1959; Woodroffe, 1960 (redescr.).

***Trapezonotus dispar* Stål, 1872**

Trapezonotus dispar Stål, 1872: 56. LT (Scudder, 1976: 31): ♂, FR (south); NHRS.

Trapezonotus agrestis var. *seductor* Horváth, 1883a: 27 (transferred to var. of *dispar* by Puton, 1886a: 28; upgraded to specific status by Seidenstücker, 1980: 105; syn. Vinokurov, 1990: 84). LT (Scudder, 1970b: 198): ♀, AT, "Brussa" [= Bursa]; HNHN.

Trapezonotus arenarius f. *alpina* Gulde, 1937: 168. Unavailable name (see Seidenstücker, 1980: 105).

Trapezonotus dispar f. *pseudomacroptera* Gulde, 1937: 168. Unavailable name (see Seidenstücker, 1980: 105).

Trapezonotus quadratus (non Fabricius, 1798): Stichel, 1959: 240. Misidentification (see Stichel, 1959: 341). See note.

Distr. EU: AL AU BE BH BU BY CR CZ DE 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 AR AT GG.

Ref.: Stichel, 1959 (*quadratus*); Woodroffe, 1960 (biol., morph.).

Note: The synonymy of *quadratus* sensu Stichel, 1959 with *dispar* Stål, 1872, is tied with the problem of identity of the type of *quadratus* Fabricius. See Scudder & Wagner, 1964: 357 and Opinion 798, 1966: 275.

***Trapezonotus inglorius* Vinokurov, 1990**

Trapezonotus dispar (non Stål, 1872): Kerzhner in Kerzhner & Jaczewski, 1964: 809; Vinokurov, 1979: 148. Misidentifications (see Vinokurov, 1990: 82).

Trapezonotus inglorius Vinokurov, 1990: 82. HT: ♂, AK, Dzhungarskiy Alatau, mountains NW of Koktuma; ZMAS.

Distr. EU: RU (CT NT ST). AS: AK KI MG RU (ES WS).

***Trapezonotus montanus* Wagner, 1957**

Trapezonotus montanus Wagner, 1957b: 224. HT: ♀!, SP, Sierra Nevada, Veleta, N slope; ZMUH!

Distr. EU: FR SP.

***Trapezonotus ullrichi* (Fieber, 1837)**

Pachymerus ullrichi Fieber, 1837: 347. STS: AU; lost?

Pachymerus discors A. Costa, 1853: 22 (syn. Baerensprung, 1860: 10). LT (Péricart in Carapezza et al., 1995: 284): ♀, IT, Naples; ZIUN.

Trapezonotus ullrichi var. *immaculata* Wagner, 1949c: 6. HT: ♂, IT, Val Melaina or Acqua Santa; ZMUH.

Distr. EU: AL AN AU BH BU CR CZ FR GB GE GR HU IT LU PO RO RU (ST) SK

SL SP UK YU. NA: AG MO TU. AS: AR AT TM.
Ref.: Southwood & Leston, 1959.

Tribe LETHAEINI Stål, 1872

LETHAEINI Stål, 1872: 59 (Lethaearia). Type genus: *Lethaeus* Dallas, 1852.
LIPOSTEMMATINA Berg, 1879: 288. Type genus: *Lipostemmata* Berg, 1879, Neotropical Region.
CAMPTOCERINI Wagner, 1961a: 102. Type genus: *Camptocera* Jakovlev, 1877.
Ref.: Péricart, 1999b (monogr.); Scudder, 1957d (phyl.); J.A. Slater, 1964a (World cat.); J.A. Slater & Hurlbutt, 1957 (hind wing venation); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

Genus *Camptocera* Jakovlev, 1877

Camptocera Jakovlev, 1877a: 275, 286. Type species by monotypy: *Camptocera horwathi* Jakovlev, 1877 (= *Rhyparochromus glaberrimus* Walker, 1872).
Phthonosteres China, 1924b: 82 (syn. China, 1926: 227). Type species by original designation: *Tropistethus aurantiacus* Distant, 1918 (= *Rhyparochromus glaberrimus* Walker, 1872).
Ommatoplinthisus Carapezza, 1984: 21 (as subgenus of *Plinthisus*; syn. J.A. Slater & O'Donnell, 1995: 96). Type species by monotypy: *Plinthisus (Ommatoplinthisus) siculus* Carapezza, 1984 (= *Rhyparochromus glaberrimus* Walker, 1872).
Ref.: China & Miller, 1959 (syst. position); Péricart, 1999b (monogr.); Scudder, 1957d (in Lethaeini); Stichel, 1958 (monogr.).

Camptocera glaberrima (Walker, 1872)

Rhyparochromus glaberrimus Walker, 1872: 94. LT (Scudder, 1967b: 267): ♀ (brach.), MR; BMNH.

Camptocera horwathi Jakovlev, 1877a: 275, 287 (syn. Horváth, 1899c: 278). LT (Péricart, 1998b: 124): ♀, RU (ST), Astrakhan; ZMAS.

Camptocera angustula Puton in Puton & Lethierry, 1887: 303 (syn. Puton, 1899: 37). LT (Scudder, 1967a: 153): ♀ (macr.), AG, Biskra; MNHN.

Tropistethus aurantiacus Distant, 1918b: 197 (syn. China, 1926: 227, with *horwathi*). LT (Scudder, 1967b: 258): ♂, S India, Chikkaballapura [=Chik Ballapur]; BMNH.

Plinthisus (Ommatoplinthisus) siculus Carapezza, 1984: 21 (syn. J.A. Slater & O'Donnell, 1995: 96). HT: ♂ (brach.), IT, Sicily, SR, Noto, Eloro beach; coll. Carapezza, Palermo, IT.

Distr. EU: BU CR FR GR IT MA RU (ST) SP UK. NA: AG CI EG LB MO MR TU. AS: AB AF AK AR AT CY GG IN IQ IS JO KU MG SA SY TD TM UZ YE. EL: Indo-China, S India, Sudan.

Ref.: Bernard, 1931 (biol.).

Genus *Diniella* Bergroth, 1893

Dinia Stål, 1874a: 154, 158 (junior homonym of *Dinia* Adams, 1858, Mollusca). Type species by subsequent designation (Distant, 1903a: 73): *Dinia glabrata* Stål, 1874.

Diniella Bergroth, 1893b: 202. New name for *Dinia* Stål, 1874.

Abdolominus Distant, 1903a: 90 (syn. Hidaka, 1962b: 168). Type species by original designation: *Abdolominus picinus* Distant, 1903, Burma.

Lispochroa Breddin, 1907b: 215 (syn. Scudder, 1962c: 767). Type species by original designation: *Lispochroa blandula* Breddin, 1907, Sri Lanka.

Lua Distant, 1909a: 342 (syn. Bergroth, 1918: 102, with *Lispochroa*). Type species by monotypy: *Lua tartarea* Distant, 1909, Sri Lanka.

Lasiosomus (non Fieber, 1860): Hidaka, 1962b: 168. Misidentification (see J.A. Slater, 1964a: 818).

Ref.: J.A. Slater, 1964a (World cat.); Zheng & Zou, 1981a (Chinese spp.).

***Diniella glabrata* (Stål, 1874)**

Dinia glabrata Stål, 1874a: 158. LT (Scudder, 1976: 31): ♂, Philippines; NHRS.

Diniella insignis Distant, 1918b: 198 (syn. Woodward, 1979: 171). LT (Scudder, 1967b: 269): ♂, S India, Chikkaballapura [= Chik Ballapur]; BMNH.

Distr. AS: CH (SE SW). EL: India, Philippines.

Ref.: Distant, 1918b (*Diniella*).

***Diniella intaminata* (Distant, 1903)**

Abdolominus intaminatus Distant, 1903a: 91. LT (Scudder, 1967b: 269): ♀, Burma, Carin Chebá; BMNH.

Distr. AS: CH (SE SW). EL: Burma, Maldives.

Ref.: Hidaka, 1962b (*Lasiosomus*); Scudder, 1962c (*Diniella*).

Note: Records from JA refer to *Diniella sevosa*.

***Diniella pallipes* (Scott, 1874)**

Lasiosomus pallipes Scott, 1874: 429. LT (Scudder, 1967b: 276): ♀, JA; BMNH.

Distr. AS: CH (SE) JA KO.

Ref.: Scudder, 1962c (*Diniella*).

***Diniella sevosa* (Distant, 1901)**

Dinia sevosa Distant, 1901b: 497. LT (Scudder, 1967b: 280): ♂, "Ceylon" [= Sri Lanka]; BMNH.

Diniella servosa Zheng & Zou, 1981a: 122. Lapsus.

Distr. AS: CH (CE SE SW) JA! EL: Sri Lanka.

Ref.: Distant, 1903a (*Diniella*).

***Diniella yinae* Zheng, 1992**

Diniella yinae Zheng in Zheng & S.L. Liu, 1992: 259, 262. HT: ♂, CH (CE), Zhejiang, Mt Tianmu; Shanghai Institute of Entomology, Shanghai, CH.

Distr. AS: CH (CE).

Genus *Hexatrachocoris* Kiritshenko, 1931

Hexatrachocoris Kiritshenko, 1931b: 378. Type species by original designation:

Hexatrachocoris melleus Kiritshenko, 1931

***Hexatrachocoris melleus* Kiritshenko, 1931**

Hexatrachocoris melleus Kiritshenko, 1931b: 379. HT: ♂, India, W Bengal, Darjeeling; BMNH.

Distr. AS: CH (WP). EL: India.

Ref.: Zheng & Zou, 1981b.

Genus *Lamproceps* Reuter, 1882

Lamproceps Reuter, 1882: 27. Type species by monotypy: *Lamproceps apicalis* Reuter, 1882 (= *Aphanus indicus* Dallas, 1852), Afrotropical and Oriental Regions.

Ptychoderrhis Bergroth, 1918: 97 (syn. Scudder, 1962c: 768). Type species by original designation: *Ptychoderrhis bipunctata* Bergroth, 1918, Philippines.

Ref.: Scudder, 1957d (in Lethaeini).

***Lamproceps antennatus* (Scott, 1874)**

Tropistethus antennatus Scott, 1874: 429. LT (Scudder, 1967b: 257): ♂, JA; BMNH.

Distr. AS: JA.

Ref.: Bergroth, 1918 (*Ptychoderrhis*); Miyamoto, 1957 (ovarioles number); Scudder, 1962c (*Lamproceps*).

Genus *Lethaeus* Dallas, 1852

Lethaeus Dallas, 1852: 557. Type species by subsequent designation (Distant, 1903a: 87):

Lethaeus africanus Dallas, 1852, tropical Africa.

Mimicus Douglas & Scott, 1868a: 65 (syn. Puton, 1875a: 26). Type species by monotypy:

Mimicus nitidus Douglas & Scott, 1868.

Coptoneurus Puton, 1869a: 141 (syn. Stål, 1872: 59). Type species by monotypy:

Coptoneurus lethierryi Puton, 1869.

Ref.: Péricart, 1999b (monogr.); Scudder, 1957d (in *Lethaeini*); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Lethaeus cribratissimus* (Stål, 1859)**

Rhyparochromus cribratissimus Stål, 1859: 441. LT (Scudder, 1976: 31): ♀, GR, Rhodos; NHRS.

Lethaeus niger Fieber, 1861a: 193 (syn. Stål, 1872: 59). ST(S): EU (south); lost?

Lethaeus dalmatinus Horváth, 1881: 40 (syn. Puton, 1886a: 29). LT (Scudder, 1970b: 199): ♂, BH, Pridworje; HNHN.

Lethaeus syriacus Horváth, 1883a: 27 (syn. Stichel, 1959: 337). LT (Scudder, 1970b: 205): ♀, IS, Kaifa [= Haifa]; HNHN.

Distr. EU: AL BH BU CR CZ ET GR MC YU. AS: AT CY IS JO LE SY.

Ref.: Scudder, 1957d (trichobothria).

***Lethaeus dryas* Linnavuori, 1978**

Lethaeus dryas Linnavuori, 1978: 75. HT: ♂, Sudan, Kassala, Erkowit; AMNH.

Distr. AS: YE. EL: Sudan, Somalia.

***Lethaeus foreli* Horváth, 1895**

Lethaeus foreli Horváth, 1895a: 159. ST(S): ♀, AG, Shan, coastal line; MHNG?

Distr. NA: AG.

***Lethaeus fulvovarius* Puton, 1884**

Lethaeus fulvovarius Puton, 1884a: 142. LT (Scudder, 1967a: 154): ♀, SY; MNHN.

Distr. EU: ET. NA: AG CI EG MO TU. AS: IN IQ IS JO KU SA SY YE. EL: Beluchistan, Pakistan, tropical Africa?

***Lethaeus lethierryi* (Puton, 1869)**

Coptoneurus lethierryi Puton, 1869a: 142. LT (Scudder, 1967a: 155): ♂, AG, Biskra; MNHN.

?*Lethaeus lethierryi* var. *canariensis* Noualhier, 1893: 12. LT (Scudder, 1967a: 152): ♀, CI, Fuerteventura, nr Puerto Cabras; MNHN (see note).

Distr. EU: ET IT. NA: AG CI EG LB MO TU. AS: AF AT CY IN IQ IS JO SA SI SY YE. EL: Pakistan; tropical Africa.

Note: According to Péricart (1999b: 391) the "var." *canariensis* could represent a good species, but a revision of the genus is necessary for clearing up the question.

***Lethaeus minoensis* Hidaka, 1962**

Lethaeus minoensis Hidaka, 1962c: 79, 80. HT: ♀, JA, Honshu, Osaka-Fu, Minoo; KUEC.

Distr. AS: JA.

Note: According to its locality, it could be a *Neolethaeus*.

***Lethaeus nitidus* (Douglas & Scott, 1868)**

Mimicus nitidus Douglas & Scott, 1868a: 28, 66. HT (see Scudder, 1967b: 274, as LT): ♀, IS, road Nablouz-Nazareth; BMNH.

Distr. EU: BU GR. AS: AT CY IS JO LE SY.

Ref.: Linnavuori, 1960 (at light); Reuter, 1879 (*Lethaeus*, descr.).

***Lethaeus picipes* (Herrich-Schaeffer, 1850)**

Pachymerus picipes Herrich-Schaeffer, 1850: 210. STS: AT; lost.

Distr. EU: CR MC. AS: AB AF AK AR AT CY GG IN IQ IS JO SY TD TM UZ. EL: Pakistan.

Ref.: Horváth, 1881 (*Lethaeus*, descr.).

Genus *Lophoraglius* Wagner, 1961

Lophoraglius Wagner, 1961b: 13. Type species by original designation: *Lophoraglius notatus*

Wagner, 1961, Chad.

Ref.: Scudder, 1970a (*Lethaeini*); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

***Lophoraglius fasciatus* Linnavuori, 1978**

Lophoraglius fasciatus Linnavuori, 1978: 73. HT: ♂, Sudan, Kassala, Erkowit; AMNH.

Distr. AS: YE. EL: Sudan.

Ref.: Linnavuori & Van Harten, 1997 (biol.).

***Lophoraglius guttulatus* (Stål, 1865)**

Lethaeus guttulatus Stål, 1865: 175. LT (Scudder, 1976: 32): ♂, Sierra Leone; NHRS.

Distr. AS: YE. EL: Sierra Leone, Sudan.

Ref.: Scudder, 1970a (*Lophoraglius*).

***Lophoraglius notabilis* (Distant, 1911)**

Lethaeus notabilis Distant, 1911b: 310. LT (Scudder, 1967b: 275): ♂, "Ceylon" [= Sri Lanka], Sigiriya; BMNH.

Distr. AS: YE. EL: Sri Lanka, South Africa.

Ref.: Scudder, 1970a (*Lophoraglius*).

Genus *Neolethaeus* Distant, 1909

Neolethaeus Distant, 1909a: 340. Type species by original designation (under Art. 68.2.2):

Neolethaeus typicus Distant, 1909, Burma

Ref.: Hidaka, 1962c (JA, rev. *Lethaeus*); Zheng & Zou, 1981a (monogr.).

***Neolethaeus assamensis* (Distant, 1901)**

Lethaeus assamensis Distant, 1901b: 507. LT (Scudder, 1967b: 257): ♀, India, Assam, Naga Hills; BMNH.

Distr. AS: CH (SW) JA KO TA. EL: Assam.

Ref.: Ashlock, 1964 (*Neolethaeus*).

***Neolethaeus dallasi* (Scott, 1874)**

Lethaeus dallasi Scott, 1874: 438. LT (Scudder, 1967b: 262): ♂, JA; BMNH.

Distr. AS: CH (CE NO SE SW) JA KO TA.

Ref.: Ashlock, 1964 (*Neolethaeus*).

***Neolethaeus descriptus* (Walker, 1872)**

Rhyparochromus descriptus Walker, 1872: 103. HT (as LT in Scudder, 1967b: 263): ♀, Indonesia, Sula Is.; BMNH.

Aphanus raja Distant, 1906a: 415 (syn. Scudder, 1962c: 769). LT (Scudder, 1967b: 278): ♂, Borneo, Kuching; BMNH.

Distr. AS: CH. EL: Oriental and Pacific regions, South Africa and Zimbabwe.

Ref.: Distant, 1901b (*Lethaeus*); Barber, 1958 (EL distr.); Scudder, 1967b (*Neolethaeus*).

Note: Not included in the monograph on Chinese Lygaeidae by Zheng & Zou (1981a).

***Neolethaeus esakii* (Hidaka, 1962)**

Lethaeus esakii Hidaka, 1962c: 78, 82. HT: ♂, TA, Takao-shû, Kuraru; KUEC.

Distr. AS: CH (SE) JA TA.

Ref.: Scudder, 1970a (*Neolethaeus*).

***Neolethaeus formosanus* (Hidaka, 1962)**

Lethaeus formosanus Hidaka, 1962c: 78. HT: ♀, TA, Taitô-chô, Shinko; KUEC.

Distr. AS: CH (CE) TA.

Ref.: Zheng & Zou, 1981a (*Neolethaeus*).

***Neolethaeus lewisi* (Distant, 1883)**

Lethaeus lewisi Distant, 1883: 440. LT (Scudder, 1967b: 270): ♂, JA; BMNH.

Distr. AS: JA.

Ref.: Ashlock, 1964 (*Neolethaeus*); Esaki, 1950.

***Neolethaeus tokarensis* (Hidaka, 1962)**

Lethaeus tokarensis Hidaka, 1962c: 77. HT: ♂, JA, Kyushu, Satsuma, Shimadomari; KUEC.

Distr. AS: JA.

Ref.: Scudder, 1970a (*Neolethaeus*).

Tribe MEGALONOTINI J.A. Slater, 1957

RHYPAROCHROMINI sensu Stål, 1872: 51 (Rhyparochromaria). Based on

Rhyparochromus sensu Curtis, 1836 (= *Megalonotus* Fieber, 1860).

MEGALONOTINI J.A. Slater, 1957: 35. Type genus: *Megalonotus* Fieber, 1860.

Ref.: Péricart, 1999c (monogr.); Scudder, 1957d (Rhyparochromina); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Sweet, 1967 (morph.).

Genus *Anepsiocoris* Puton, 1886

Anepsius Puton, 1869a: 142 (junior homonym of *Anepsius* Leconte, 1851, Coleoptera).

Type species by monotypy: *Anepsius encaustus* Puton, 1869.

Anepsiocoris Puton, 1886a: 27. New name for *Anepsius* Puton, 1869.

Ref.: Péricart, 1999c (monogr.); J.A. Slater, 1964a (World cat.); Wagner, 1964a (syst.).

***Anepsiocoris encaustus* (Puton, 1869)**

Anepsius encaustus Puton, 1869a: 143. LT (Scudder, 1967a: 154): ♂, AG, Biskra; MNHN.

Distr. NA: AG EG LB. AS: IN JO SI YE. EL: tropical Africa (Chad, Mali, Somalia, Sudan).

Ref.: Wagner, 1964a (distr., ident.).

Genus *Hadrocnemis* Jakovlev, 1881

Hadrocnemis Jakovlev, 1882b: 147. Type species by monotypy: *Hadrocnemis crassicornis* Jakovlev, 1881 (= *Lasiocoris diversipes* Kiritshenko, 1922).

Ref.: Péricart, 1999c (monogr., nomencl.); Scudder, 1962c (syst. position); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Hadrocnemis albomaculata* (Jakovlev, 1883)**

Lasiocoris albomaculatus Jakovlev, 1883b: 433. HT: ♂, UZ, Tashkent; ZMAS.

Distr. AS: AK IN KI TD TM UZ.

Ref.: Kiritshenko, 1951a; Péricart, 1999c (*Hadrocnemis*, implicitly).

Note: The record from European Russia seemingly is erroneous. According to Péricart (1999c: 180), a synonymy with *Hadrocnemis pachycera* cannot be excluded.

***Hadrocnemis brachyptera* (Muminov, 1961)**

Lasiocoris brachypterus Muminov, 1961: 41. HT: ♂, TD, Obi-Safed, upper reaches of Kondara River N of Dushanbe; ZMAS.

Distr. AS: TD.

Ref.: Péricart, 1999c (*Hadrocnemis*).

***Hadrocnemis diversipes* (Kiritshenko, 1922)**

Hadrocnemis crassicornis Jakovlev, 1882b: 149 (junior secondary homonym of *Lygaeus crassicornis* Lucas, 1849, when both were placed in *Lasiocoris*). HT: ♂, AK, nr river Jaman-Kargal; ZMAS.

Lasiocoris diversipes Kiritshenko, 1922: 18. New name for *crassicornis* Jakovlev, 1882.

Distr. EU: EK RU (CT: Samara Prov. ST). AS: AK AT RU (ES) TD.

Ref.: Scudder, 1962c (*Hadrocnemis*).

***Hadrocnemis pachycera* (Kiritshenko, 1922)**

Lasiocoris crassicornis (non Lucas, 1849). Jakovlev, 1885: 101. Misidentification (see Kiritshenko, 1922: 17).

Lasiocoris pachycerus Kiritshenko, 1922: 17. LT (Péricart, 1998b: 128): ♀, TM, Askhabad; ZMAS.

Distr. AS: AB IN TM.

Ref.: Péricart, 1999c (*Hadrocnemis*).

***Hadrocnemis rufescens* Jakovlev, 1883**

Hadrocnemis rufescens Jakovlev, 1883b: 432. LT (Péricart, 1998b: 125): ♂, UZ, Tashkent; ZMAS.

Distr. AS: UZ.

Genus *Hispanocoris* Costas & Vázquez, 1999

Hispanocoris Costas & Vázquez in Péricart, 1999c: 110. Type species by monotypy:

Hispanocoris pericarti Costas & Vázquez, 1999.

Ref.: Costas & Vázquez, 1999.

***Hispanocoris pericarti* Costas & Vázquez, 1999**

Hispanocoris pericarti Costas & Vázquez in Péricart, 1999c: 111. HT: ♂, SP, Avila, Ramascasteñas; UCMA.

Distr. EU: SP.

Ref.: Costas & Vázquez, 1999.

Genus *Icus* Fieber, 1860

Icus Fieber, 1860: 46; 1861a: 173. Type species by monotypy: *Icus angularis* Fieber, 1861.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Icus angularis* Fieber, 1861**

Icus angularis Fieber, 1861a: 173. ST(S): ♀, IT, Sicily: lost?

Megalonotus marginatus Jakovlev, 1873: 36 (syn. Jakovlev, 1875: 158). LT (Péricart, 1998b: 125): ♀, RU (ST), Astrakhan; ZMAS.

Megalonotus hungaricus Horváth, 1874b: 455 (syn. Horváth, 1875: 52). LT (Scudder, 1970b: 201): ♀, HU, Buda; HNHM.

Icus angularis var. *corsicus* Puton, 1878b: 43. LT (Scudder, 1967a: 153): ♂, FR, Corsica; MNHN.

Distr. EU: AU BH BU CR FR GR HU IT MC PO RO RU (ST) SK SP UK YU. NA: AG MO. AS: AB AK AR AT GG KI TD TM UZ.

***Icus viberti* Horváth, 1907**

Icus viberti Horváth, 1907: 302. LT (Scudder, 1970b: 205): ♀, AG, Ain Sefra: HNHM.
Distr. NA: AG.

Note: According to Péricart (1999c: 90), the validity of this species is doubtful.

Genus *Lamprodema* Fieber, 1860

Lamprodema Fieber, 1860: 48; 1861a: 184. Type species by subsequent designation (Distant, 1903a: 71): *Lygaeus maurus* Fabricius, 1803.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in "Rhyparochromina"); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Lamprodema maura* (Fabricius, 1803)**

Lygaeus maurus Fabricius, 1803: 238. HT: ♀, AU; ZMUC.

Pachymerus nitidulus Herrich-Schaeffer, 1839: 96 (syn. Fieber, 1861a: 185). ST(S): HU; lost.

Lamprodema brevicollis Fieber, 1861a: 185 (syn. Stichel, 1959: 258). LT (Péricart, 1998c: 9): ♂, CR, Dalmatia, Zara [= Zadar]; MNHN.

Lamprodema weyersi Puton, 1887: 97 (syn. Péricart, 1995a: 502). LT (Scudder, 1967a: 157): ♂, SP, nr Cartagena, Aguilas; MNHN.

Distr. EU: AL AU BH BU CR CZ EK FR GR HU IT MA MC MD PO RO RU (CT ST) SK SL SP UK YU. NA: AG CI EG MO TU. AS: AB AF AK AR AT CH (NW) CY GG IN IQ IS JO KI MG RU (WS) SA TD TM UZ YE.

Ref.: Roubal, 1959a (*maurum* and *brevicollis*); Zheng & Zou, 1981a.

Note: See note on page 36.

***Lamprodema rufipes* Reuter, 1891**

Lamprodema rufipes Reuter, 1891b: 182. LT (Péricart, 1997a: 67): ♂, RU (ES), Tuva, "Kemtschik"; MZHF.

Lamprodema rufipes var. *femoratum* Horváth, 1901a: 264. LT (Scudder, 1970b: 204): ♀, RU (ES), Minusinsk; HNHM.

Lamprodema minuscula Reuter, 1912b: 19 (syn. Josifov & Kerzhner, 1967: 6). LT (Péricart, 1997a: 66): ♂, RU (ES), "Dauria, Arbusovsk"; MZHF.

Distr. AS: CH (NW) MG RU (ES WS).

Ref.: Vinokurov & Kanyukova, 1995a.

Note: Zheng & Zou (1981a) considered *L. minuscula* as a good species.

See note on page 36.

Genus *Lasiocoris* Fieber, 1860

Lasiocoris Fieber, 1860: 47; 1861a: 183). Type species by subsequent designation (Oshanin, 1912: 36): *Pachymerus anomalus* Kolenati, 1845.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1962c (subdiv.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Lasiocoris anomalus* (Kolenati, 1845)**

Pachymerus anomalus Kolenati, 1845: 77. LT (Péricart, 1999c: 172, 174): ♀, AT, Mt Ararat; NHMW.

Pachymerus villosus Mulsant & Rey, 1852: 113 (syn. Fieber, 1861a: 183). STS: FR, nr Lyon; lost.

Beosus aeneiceps Baerensprung, 1859: 333 (syn. Puton, 1875a: 25). LT (Péricart, 1998c: 5): ♂, GR; ZMHB.

Pachymerus stabianus A. Costa, 1862: 17 (syn. Puton, 1871b: 415). LT (Péricart in Carapezza et al., 1995: 286): ♂, IT, nr Naples, Vico Equestre; ZIUN.

Lasiocoris flori Douglas & Scott, 1868a: 67 (syn. Puton, 1875a: 25). LT (Scudder, 1967b: 266): ♀, IS, "plains of Jordan"; BMNH.

Distr. EU: AN BH BU CR FR GR IT MC PO RU (ST) SL SP UK. **NA:** AG MO. **AS:** AB AR AT CY GG IN IS JO TM.

***Lasiocoris crassicornis* (Lucas, 1849)**

Lygaeus crassicornis Lucas, 1849: 67. LT (Péricart, 1996b: 105): ♀, AG, "Lacalle" [= El Kala], woods nr Tonga lake; MNHN.

?*Lasiocoris antennatus* Montandon, 1889: 288 (syn. Péricart, 1999c: 175, note, suspected). STS: ET ("Bosphore, Demindje Keuy") and GR (Parnass); MGAB (1 ST from ET).

Distr. EU: AL AN BU ET FR GR IT MC RO RU (ST) SP. **NA:** AG LB MO TU. **AS:** AB AR AT SY.

Genus *Leptomelus* Jakovlev, 1882

Leptomelus Jakovlev, 1882b: 147, 150 (syn. Kiritschenko, 1922: 15, with *Lasiocoris*; Scudder, 1962c: 769, 771, valid genus). Type species by monotypy: *Leptomelus dorsatus* Jakovlev, 1882.

Ref.: Péricart, 1999c (monogr.).

***Leptomelus dorsatus* Jakovlev, 1882**

Leptomelus dorsatus Jakovlev, 1882b: 151. LT (Péricart, 1998b: 124): ♂, IN, Shahrud; ZMAS.

Pezocoris reuteri Montandon, 1889: 289 (syn. Horváth, 1897: 92). LT (Péricart, 1998c: 11): ♂, TD, Pamir; MZHF.

Distr. AS: AB AR IN TD TM UZ.

Genus *Megalonotus* Fieber, 1860

Rhyparochromus (non Hahn, 1826): Curtis, 1836: text to pl. 612. Misidentification (see note).

Megalonotus Fieber, 1860: 47; 1861a: 181. Type species by subsequent designation (China, 1941: 130): *Lygaeus chiragra* Fabricius, 1794.

Ktenofer Roubal, 1965: 556, 572 (as subgenus of *Megalonotus*; syn. Péricart, 1999c: 125, 126). Type species by original designation: *Pachymerus dilatatus* Herrich-Schaeffer, 1840.

Ref.: China, 1943 (generic name); Opinion 676, 1963 (Official List); Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

Note: Curtis (1836) incorrectly designated *chiragra* as type species for *Rhyparochromus*; consequently, most authors prior to China (1943) used this name for the nowadays worldwide accepted name *Megalonotus*.

***Megalonotus antennatus* (Schilling, 1829)**

Pachymerus antennatus Schilling, 1829: 76. ST(S): PL, Silesia; lost.

Megalonotus antennatus f. *meridiana* Stichel, 1959: 248.

Distr. EU: AN AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IT LA LU NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. **AS:** AB AK AR GG KO RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.).

***Megalonotus brevicornis* (Puton, 1883)**

Rhyparochromus brevicornis Puton, 1883: 13. LT (Scudder, 1967a: 153): ♀, SY, Safed; MNHN.

Distr. EU: ET GR MC. **AS:** AT CY IS LE.

***Megalonotus chiragra* (Fabricius, 1794)**

Lygaeus chiragra Fabricius, 1794: 168. LT (Péricart, 1999d: 80): ♂, DE; ZMUC.

Pachymerus tibialis Hahn, 1831: 23 (syn. Herrich-Schaeffer, 1835a: 78). STS: GE; lost.
Rhyparochromus chiragra var. *nigricornis* Douglas, 1875: 267. STS: GB; lost?
Rhyparochromus chiragra var. *tenebrosa* Kiritshenko, 1912b: 386. LT (Péricart, 1998b: 127): ♀, KI, "prov. Semirech'e", nr Przhevalsk; ZMAS.
Distr. EU: AL AN 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: AG CI? TU. AS: AB AK AT CH (NE NO) GG IN KI MG RU (ES WS).
Ref.: Josifov, 1961 (ident.); Roubal, 1965 (*chiragra* complex); Slater & Sweet, 1958 (biol., distr.).

***Megalonotus colon* Puton, 1874**

Megalonotus colon Puton, 1874a: 214. ST(S): GR, "Syra" [= Siros Is.]; lost.
Distr. EU: BH CR GR MC RU (ST) UK YU. AS: AB AR AT CY IN IQ IS KI SY TD TM UZ.
Ref.: Kiritshenko, 1951a.

***Megalonotus dilatatus* (Herrich-Schaeffer, 1840)**

Pachymerus dilatatus Herrich-Schaeffer, 1840b: 33. STS: GE, Bayern (Erlangen) and Sachsen (Stadt Wehlen); lost.
Pachymerus obscurus Mulsant & Rey, 1852: 116 (syn. Fieber, 1861a: 182). STS: FR, nr Lyon; lost.
Distr. EU: AL AU BE BH BU CR CZ DE FR GB GE GR HU IR IT LU MC NL PL RO RU (CT ST) SK SL SP SZ UK. AS: AT GG.
Ref.: Roubal, 1965 (subg. *Ktenofer*).

***Megalonotus emarginatus* (Rey, 1888)**

Rhyparochromus chiragra var. *emarginatus* Rey, 1888a: 101 (upgraded by Josifov, 1961: 117). LT (Péricart, 1996b: 108): ♀, FR, Rhône; MHNL.
Megalonotus chiragra f. *maxima* (non Puton & Noualhier, 1895): Lindberg, 1948: 71. Misidentification (see Linnavuori, 1953: 163).
Megalonotus chiragra cyprius Linnavuori, 1953: 163 (as subsp. of *emarginatus* by Seidenstücker, 1979: 278; syn. Péricart, 1999c: 137). LT (Seidenstücker, 1979: 278): ♀, CY, Boghazi; MZHF.
Megalonotus emarginatus f. *atricornis* Roubal, 1965: 559, 574. STS: FR, GE, IT; SNMC?
Distr. EU: AL AN AU BE BH BU CR CZ FR GB GE IT LU MD NL RO RU (ST) SK SL SP SZ UK YU. NA: CI MO? AS: AB AR AT CY.
Ref.: Josifov, 1961 (ident.); Roubal, 1965 (*chiragra* complex).

***Megalonotus hirsutus* Fieber, 1861**

Pachymerus antennatus (non Schilling, 1829): Herrich-Schaeffer, 1833b: 7. Misidentification (see Fieber, 1861a: 181).
Megalonotus hirsutus Fieber, 1861a: 181. STS: GE; lost?
Megalonotus villosus Jakovlev, 1874b: 62 (syn. Kiritshenko, 1914c: 482). HT (see Jakovlev, 1879: 80): ♂, RU (ST), S Dagestan, Kurush nr Azerbaidjan boundary; ZMAS.
Distr. EU: AU BE BH BU CR CZ FR GE HU IT LS MD PL RO RU (CT ST) SK SL SZ UK YU. AS: AB AK AR AT GG KI RU (ES WS) UZ.
Note: The records from RU (NT) refer to *Megalonotus antennatus*.

***Megalonotus hoggari* (Bergevin, 1930)**

Parapolycrates hoggari Bergevin, 1930b: 34. HT: ♀, AG, Sahara, Hoggar, Asekrem; MNHN.
Distr. NA: AG.

- Ref.: Péricart, 1999c (*Megalonotus*); J.A. Slater, 1964a (*Polycrates*).
- Megalonotus lederi* (Horváth, 1880)**
Rhyparochromus lederi Horváth, 1880c: 184. LT (Scudder, 1970b: 202): ♂,
 Transcaucasia; HNHM.
 Distr. EU: RU (ST). AS: AB AR.
 Ref.: Péricart, 1996a (type series).
- Megalonotus longipilis* (Puton, 1884)**
Rhyparochromus longipilis Puton, 1884b: 312. LT (Scudder, 1967a: 155; see note)
 ♂, AG, "Bône" [= Annaba]; NHMW.
 Distr. NA: AG. AS: AT?
 Ref.: Çagatay, 1988 (♂ genitalia).
 Note: Probably due to a lost or lacking label, the specimen was designated as lectotype a second time (Péricart, 1996b: 107).
- Megalonotus maximus* (Puton, 1895)**
Rhyparochromus maximus Puton in Puton & Noualhier, 1895: 172, 173. HT: ♂, AT (see note), "Akbès" [= Ekbaz]; MNHN.
 Distr. AS: AR AT CY IQ IS JO SY.
 Note: The type locality (Akbès), in Syria at the time of description, is nowadays in Turkey.
- Megalonotus merus* Seidenstücker, 1979**
Megalonotus merus Seidenstücker, 1979: 278. HT: ♂, AT, Ankara-baraj; ZSMC.
 Distr. EU: RU (ST). AS: AB AR AT.
 Ref.: V.G. Putshkov & P.V. Putshkov, 1984.
- Megalonotus mixtus* (Horváth, 1887)**
Rhyparochromus mixtus Horváth, 1887b: 254. HT (see Scudder, 1970b: 202, as LT): ♀,
 FR, Loire-Atlantique, Pornic; MNHN.
 Distr. EU: AU? FR PO SP SZ YU. NA: CI MO.
 Ref.: Lindberg, 1953 (*mixtus* and, in part, *opaconotum*); Roubal, 1965 (*chiragra* complex, subg. *Ktenofer*).
 Note: There is no confirmation for the occurrence in GE (Rieger, 1996: 253).
- Megalonotus nitidicollis* Puton, 1874**
Megalonotus nitidicollis Puton, 1874a: 213. LT (Scudder, 1967a: 156): ♀, FR, Corsica; MNHN.
 Distr. EU: FR (Corsica) IT.
- Megalonotus opaconotum* (Lindberg, 1953)**
Rhyparochromus opaconotum Lindberg, 1953: 75. HT: ♂, CI Tenerife, Las Cañadas; MZHF.
 Distr. NA: CI.
 Ref.: Scudder, 1962c (*Megalonotus*).
 Note: The record from MO (Lindberg, 1953) refers to *Megalonotus mixtus*.
- Megalonotus parallelus* (Horváth, 1911)**
Rhyparochromus parallelus Horváth, 1911a: 582. LT (Scudder, 1970b: 203): ♂, AG, Edough; HNHM.
 Distr. EU: IT. NA: AG MO TU.
- Megalonotus praetextatus* (Herrich-Schaeffer, 1835)**
Pachymerus praetextatus Herrich-Schaeffer, 1835a: 45, 79. ST(S): SP; lost.
Rhyparochromus maculipennis Curtis, 1836: text to pl. 612 (syn. Amyot, 1846: 93).
 STS: GB, Mousehold Heath nr Norwich and Thetford Warren; MVMA.

Pachymerus femoralis Boheman, 1851: 249 (syn. Baerensprung, 1858a: 80). HT: ♀, SV, Gotland, "Westerby"; lost?

Rhyparochromus praetextatus var. *obscuratus* Noualhier, 1893: 10. ST(S): CI, Gran Canaria, Tafira; lost?

Megalonotus praetextatus ibericus Wagner, 1955a: 120 (syn. Péricart, 1999c: 157). HT: ♂, FR, Paris basin, Lardy; ZMUH.

Megalonotus praetextus auct. Lapsus.

Distr. EU: AL AN AU BE BH BU CR CZ DE ET FR GB GE GR HU IT LS LU MC MD NL PL PO RO RU (ST) SK SL SP SV SZ UK YU. NA: AG CI EG MO TU AS: AB AR AT CY GG IN IQ IS JO KI LE SY TD TM.

Ref.: Thomas, 1955 (biol., egg.); Woodroffe, 1958 (biol., larva).

***Megalonotus puncticollis* (Lucas, 1849)**

Rhyparochromus puncticollis Lucas, 1849: 77. LT (Péricart, 1996b: 106): ♂, AG, nr Alger, Kouba; MNHN.

Rhyparochromus luctuosus Lucas, 1849: 77 (syn. Puton, 1873: 23, suspected; 1875a: 23). LT (Péricart, 1996b: 106): ♀, AG, "Philippeville" [= Skikda]; MNHN.

Megalonotus niger Fieber, 1861a: 182 (syn. Puton, 1873: 23). STS: ♂, ♀, IT, Sicily; lost?

Rhyparochromus puncticollis var. *nigrofemoratus* Puton in Noualhier, 1889: 302. ST(S): CI, Tenerife; lost?

Rhyparochromus puncticollis var. *nigripes* Horváth, 1892a: 130, 138 (junior primary homonym of *Rhyparochromus nigripes* Dallas, 1852). LT (Scudder, 1970b: 204): ♀, FR, Carcassonne; HNHM.

Megalonotus puncticollis f. *annulipes* Stichel, 1959: 252.

Megalonotus puncticollis horvathi J.A. Slater, 1964a: 1378. New name for *nigripes* Horváth, 1892.

Distr. EU: AL BH BU CR ET FR GR IT MA MC RU (ST) SP UK YU. NA: AG CI LB MO TU. AS: AT LE.

***Megalonotus rugulosus* (Linnavuori, 1953)**

Rhyparochromus rugulosus Linnavuori, 1953: 161. HT: ♂, IS, Jerusalem; AMNH.

Distr. AS: AT IS SY?

***Megalonotus sabulicola* (Thomson, 1870)**

Lygaeus (Megalonotus) sabulicola Thomson, 1870a: 190 (downgraded to subspecies by Stichel, 1959: 255; upgraded by Southwood, 1963: 124). ST(S): SV, Skåne, Sandhamnaren; lost?

Rhyparochromus sabulicola var. *incertus* Rey, 1888a: 101. STS: FR; MHNL?

Rhyparochromus chiragra var. *californicus* Van Duzee, 1928b: 47 (syn. Ashlock & J.A. Slater in Henry & Froeschner, 1988: 224). HT: USA, California, Contra Costa County, Albany; CASC.

Distr. EU: AL AU BE BH BU CR CZ EK FR GB GE GR HU IT LU MC MD NL PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG CI MO TU. AS: AB AK AR AT GG IN IS JA KI KO MG RU (ES FE WS) TD TM UZ. EL: N America (Alaska, Canada, USA).

Ref.: Roubal, 1965 (*chiragra* complex).

***Megalonotus scaurus* Seidenstücker, 1973**

Megalonotus scaurus Seidenstücker, 1973: 185. HT: ♂, AT, 40 km S Elazig, nr Sivrice, N slope of Hazar-Gölü (lake-source of river Tigris); ZSMC.

Distr. AS: AT.

***Megalonotus seidenstueckeri* Péricart, 1995**

Megalonotus seidenstueckeri Péricart, 1995a: 505. HT: ♂, IQ, Central Prov., Aziziya; ZSMC.

Distr. AS: AT IQ.

***Megalonotus setosus* Puton, 1874**

Megalonotus setosus Puton, 1874c: 440. LT (Scudder, 1967a: 157): ♀, AG, Constantine; MNHN.

Distr. EU: GR PO SP. NA: AG TU. AS: AT CY JO.

Ref.: Puton, 1876 (redescr.).

***Megalonotus sophenus* Seidenstücker, 1973**

Megalonotus sophenus Seidenstücker, 1973: 189. HT: ♂ (macr.), 5 km E of Malatya, behind the Ordusu pınarbasi; ZSMC.

Distr. AS: AT.

***Megalonotus subtilissimus* Roubal, 1961**

Megalonotus subtilissimus Roubal, 1961b: 469. HT: ♂, SP, Jaén, Sierra de Cazorla; SNMC?

Distr. EU: SP.

Note: Possibly a synonym of *Piezoscelis staphylinus* (Rambur).

***Megalonotus tricolor* (Horváth, 1895)**

Rhyparochromus tricolor Horváth, 1895a: 158. LT (Scudder, 1970b: 205): ♀, AT, Tokat; HNHN.

Distr. EU: IT. AS: AT SY.

Genus *Metastenothonax* Reuter, 1884

Metastenothonax Reuter, 1884c: 1. Type species by monotypy: *Metastenothonax punctatipennis* Reuter, 1884.

Ref.: Péricart, 1999c (monogr.); Stichel, 1959 (monogr.).

***Metastenothonax punctatipennis* Reuter, 1884**

Metastenothonax punctatipennis Reuter, 1884c: 2. LT (designated here): ♂ (brach.), GR, Pelopónnisos, "Hagios Wlassis"; MZHF.

Distr. EU: GR.

Genus *Pezocoris* Jakovlev, 1875

Pezocoris Jakovlev, 1875: 158. Type species by monotypy: *Pezocoris villosus* Jakovlev, 1875 (= *Pachymerus apicimacula* A. Costa, 1853).

Ref.: Montandon, 1889: 289 (status); Péricart, 1999c (monogr.); Scudder, 1962c (key to genera *Lasiocoris* group); J.A. Slater, 1964a (World cat.).

***Pezocoris apicimacula* (A. Costa, 1853)**

Pachymerus apicimacula A. Costa, 1853: 22. LT (Péricart in Carapezza et al., 1995: 284): ♀, IT, probably nr Naples; ZIUN.

Pezocoris villosus Jakovlev, 1875: 160 (syn. Puton, 1884a: 147). LT (Péricart, 1998b: 126): ♀, RU (ST), Sarepta [= Krasnoarmeysk nr Volgograd]; ZMAS.

Distr. EU: BH BU GR IT MC RO RU (ST) SP UK. NA: AG MO. AS: AB AK AR AT GG IN IS KI SY TD UZ.

Ref.: Kiritschenko, 1951a; V.G. Putshkov, 1969a.

Genus *Piezoscelis* Fieber, 1870

Piezoscelis Fieber, 1870: 244. Type species by monotypy: *Pterotmetus antennatus* Signoret, 1865 (= *Pachymerus staphylinus* Rambur, 1839).

Ref.: Kiritschenko, 1925 (descr., key); Péricart, 1999c (monogr.); Scudder, 1957d (in "Rhyparochromina"); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Piezoscelis brachynota* Kiritschenko, 1925**

Piezoscelis brachynota Kiritschenko, 1925: 3. LT (Péricart, 1998b: 127): ♂, TM, Krasnovodsk; ZMAS.

Distr. AS: IQ TD TM.

Ref.: Kiritschenko, 1964.

***Piezoscelis coarctata* Kiritschenko, 1914**

Piezoscelis coarctata Kiritschenko, 1914b: 188. HT: ♂, UZ, nr Samarkand, Agalyk-pojon; ZMAS.

Distr. AS: TD TM UZ.

***Piezoscelis elegans* Linnavuori, 1986**

Piezoscelis elegans Linnavuori, 1986: 92. HT: ♂, IQ, Sulaymaniyah; NMWC.

Distr. AS: IQ.

***Piezoscelis ferruginea* Kiritschenko, 1925**

Piezoscelis ferruginea Kiritschenko, 1925: 2. LT (Péricart, 1998b: 127): ♀, TM, Tshuli, foothills of Kopet Dag; ZMAS.

Distr. AS: IQ TM.

***Piezoscelis staphylinus* (Rambur, 1839)**

Pachymerus staphylinus Rambur, 1839: 154. LT (Scudder, 1967b: 281): ♂, SP, Cádiz; BMNH.

Rhyparochromus punctatus Lucas, 1849: 76 (syn. Péricart, 1997b: 487). LT (Péricart, 1996b: 106): ♂, AG, Oran; MNHN.

Megalonotus angustatus Fieber, 1861a: 181 (syn. Reuter, 1885b: 216). ST(S): IT, Sicily; lost?

Pterotmetus antennatus Signoret, 1865: 122 (syn. Puton, 1874a: 226). STS: FR (Dept. Aube) and SY; lost?

Piezoscelis putoni Reuter, 1885b: 215 (syn. Bergroth, 1887b: 147, with *punctatus*). LT (Péricart, 1997a: 67): ♂, TU, Dar el Bey; MNHN.

Distr. EU: BU CR ET? FR GR IT MC? PO SP SZ. NA: AG MO TU. AS: AB AT CY IS SA? SY TM?

Note: See note under *Megalonotus subtilissimus*.

***Piezoscelis valida* Kiritschenko, 1912**

Piezoscelis valida Kiritschenko, 1912b: 386. LT (Péricart, 1998b: 128). ♂, UZ, nr Samarkand, Aman Kutan; ZMAS.

Distr. AS: UZ.

Genus *Polycrates* Stål, 1865

Polycrates Stål, 1865: 161. Type species by monotypy: *Pachymerus consutus* Germar, 1838.

Dromocoris Bergroth, 1903: 291 (syn. Scudder, 1962c: 771). Type species by monotypy: *Plociomerus triguttatus* Signoret, 1860, Madagascar.

Ref.: Linnavuori, 1970 (NE African spp.); Péricart, 1999c (monogr.); Scudder, 1957d (in "Rhyparochromina"); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

***Polycrates consutus* (Germar, 1838)**

Pachymerus consutus Germar, 1838: 139. LT (Péricart, 1999d: 80): ♀, South Africa; ZMHB.

Rhyparochromus curvipes Stål, 1855a: 34 (syn. Stål, 1865: 161). LT (Scudder, 1976:

31): ♂, South Africa, "Caffraria"; NHRS.
 ?*Polycrates bourboni* Bergevin, 1934b: 109 (syn. Péricart, 1999c: 123, suspected). HT:
 ♀, Chad, Faya; MNHN?
Polycrates consuetus Schouteden, 1957: 255. Lapsus.
 Distr. NA: EG? MR. EL: tropical Africa.
 Ref.: Lindberg, 1959 (biol.); Priesner & Alfieri, 1953 (biol.); J.A. Slater, 1964b.

***Polycrates glaber* Péricart, 1995**

Polycrates consutus (non Germar, 1838): auct. Misidentifications (see Péricart, 1995a: 506).
Polycrates glaber Péricart, 1995a: 506. HT: ♂, Chad, SW prealpine slopes of Tibesti Mts, Tougouma; MNHN.
 Distr. NA: AG. AS: AF IN IS SI YE. EL: tropical Africa (Chad, Ethiopia, Somalia, Sudan).

***Polycrates hirticollis* Scudder, 1963**

Polycrates hirticollis Scudder, 1963b: 1240. HT: ♂, Tanzania, "Tanganyika", 6 miles W of Ngare Nanyuki; CASC.
 Distr. NA: EG.

***Polycrates pilosus* (Signoret, 1884)**

Piezoscelis pilosa Signoret, 1884: 78. ST(S): Sudan, bank of Bar-el-Salaam; NHMW?
 Distr. AS: YE. EL: tropical Africa.
 Ref.: Scudder, 1970a (*Polycrates*).

***Polycrates uniformis* Distant, 1918**

Polycrates uniformis Distant, 1918b: 194. LT (Scudder, 1967b: 283): ♀, India, Chikkaballapura [= Chik Ballapur]; BMNH.
 Distr. AS: IN. EL: India.

Genus *Proderus* Fieber, 1860

Proderus Fieber, 1860: 45; 1861a: 172 (downgraded to subgenus of *Rhyparochromus* by Stål, 1872: 52; restored by Puton, 1878b: 43). Type species by monotypy:
Rhyparochromus flavipes Lucas, 1849 (= *Pachymerus suberythropus* A. Costa, 1842).
Stenocarenum Jakovlev, 1876c: 221 (syn. Jakovlev, 1879: 80). Type species by monotypy:
Stenocarenum vulsus Jakovlev, 1876 (= *Proderus bellevoeyi* Puton, 1874).
Gonsalvus Distant, 1903a: 93 (syn. Scudder, 1962c: 772). Type species by original designation: *Gonsalvus typus* Distant, 1903, Burma, India.
 Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in "Rhyparochromina"); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Proderus amabilis* Puton, 1873**

Proderus amabilis Puton, 1873: 17. LT (Scudder, 1967a: 153): ♀, AG, Biskra; MNHN.
 Distr. NA: AG LB MO. AS: IN IQ.

***Proderus bellevoeyi* Puton, 1874**

Proderus bellevoeyi Puton, 1874b: 452. LT (Scudder, 1967a: 153): ♀, Syria; MNHN.
Proderus crassicornis Jakovlev, 1876b: 260 (syn. Péricart, 1996c: 344). LT (Péricart, 1996c: 344): ♂, RU (ST), Derbent; ZMAS.
Stenocarenum vulsus Jakovlev, 1876c: 223 (syn. Jakovlev, 1879: 80, with *crassicornis*).
 LT (Péricart, 1998b: 126): ♂, RU (ST), Derbent; ZMAS.
 Distr. EU: AL BH BU GR MC RU (ST) UK. AS: AB AR AT CY IS JO LE SY.

***Proderus chinai* (Hoberlandt, 1954)**

Gonsalvus chinai Hoberlandt, 1954: 927. HT: ♀, Mali, Macina, Dogo; NMPC.
 Distr. AS: YE. EL: Mali, Sudan.

Ref.: Scudder, 1962c (*Proderus*).

***Proderus suberythropus* (A. Costa, 1842)**

Pachymerus suberythropus A. Costa, 1842: 292. LT (Péricart in Carapezza et al., 1995: 286): ♂, IT, Sicily, Palermo; ZIUN.

Rhyparochromus flavipes Lucas, 1849: 73 (syn. Fieber, 1861a: 173). LT (Péricart, 1996b: 105): ♂, AG, nr Alger, "Mustapha supérieur"; MNHN.

Rhyparochromus proderus Signoret, 1852: 539. Objective synonym of *flavipes* Lucas, 1849.

Pterotmetus suberythropterus Baerensprung, 1858b: 202. Lapsus.

Distr. EU: AL FR IT MA PO SP. NA: AG CI LB MO TU. AS: CY?

Genus *Sphragisticus* Stål, 1872

Sphragisticus Stål, 1872: 55. Type species by subsequent designation (Oshanin, 1912: 37):

Lygaeus nebulosus Fallén, 1807.

Ref.: Kiritshenko, 1951a (monogr.); Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.); Zheng & Zou, 1981a (monogr.).

***Sphragisticus nebulosus* (Fallén, 1807)**

Lygaeus nebulosus Fallén, 1807: 65. LT (Péricart, 1997a: 64): ♂, SV; MZLU.

Pamera fallax Say, 1832: 17 (syn. Stål, 1874a: 159). ST(S): "NW America".

Distr. EU: AU BE BU BY CZ DE EK EN FI FR? GE HU IT LA LS LU MD NL NR PL RO RU (CT NT ST) SK SL SV SZ UK. AS: AK AR AT CH (NW) KI MG RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.); Sweet, 1964 (food plants).

Genus *Tempereocoris* Péricart, 1995

Tempereocoris Péricart, 1995b: 139. Type species by monotypy: *Tempereocoris cerdanicus* Péricart, 1995.

Ref.: Péricart, 1999c (monogr.).

***Tempereocoris cerdanicus* Péricart, 1995**

Tempereocoris cerdanicus Péricart, 1995b: 140. HT: ♂, FR, Pyrénées, Cerdagne Plateau, Targasonne; coll. Péricart, Montereau, FR.

Distr. EU: FR.

Genus *Tethallotrum* Scudder, 1962

Tethallotrum Scudder, 1962d: 983. Type species by original designation: *Rhyparochromus heteronotus* Puton, 1886.

Ref.: Péricart, 1999c (monogr.); Scudder, 1977 (valid genus); J.A. Slater, 1964a (World cat.); Wagner, 1964a (as syn. of *Allocentrum* Bergroth).

***Tethallotrum heteronotum* (Puton, 1886)**

Rhyparochromus heteronotus Puton, 1886b: 16. HT (see Scudder, 1967a: 155): ♂, TU, between Gabès and Bir Marabot; MNHN.

Allocentrum brevicolle Horváth, 1899a: 448 (syn. Wagner, 1964a: 239; Péricart, 1995a: 504). LT (Scudder, 1970b: 199): ♂, IS, Jericho; AMNH.

Distr. NA: AG EG LB MO TU. AS: IS JO SI. EL: Chad, Ethiopia, Sudan.

Ref.: Priesner & Alfieri, 1953 (biol.); Scudder, 1962d (*Tethallotrum*).

***Tethallotrum longicolle* Linnavuori, 1978**

Tethallotrum longicolle Linnavuori, 1978: 99. HT: ♂, YE, Beit Baus nr Sana'a; BMNH.

Distr. AS: YE.

Ref.: Linnavuori & Van Harten, 1997 (ident.).

Tribe MYODOCHINI Blanchard, 1845

MYODOCHINI Blanchard, 1845: 442 (Myodochites). Type genus: *Myodocha* Latreille, 1807, New World.

PLOCIOMERARIA Puton, 1878b: 38. Type genus: *Plociomerus* Amyot & Serville, 1843 (= *Pachybrachius* Hahn, 1826).

PAMEROIDEA Breddin, 1907b: 203. Based on *Pamera* auct., non Say, 1832.

Ref.: Harrington, 1980 (rev.); Opinion 669, 1963 (Official List, credited to Stål, 1872); Scudder, 1957d (Plociomerina, as subtribe); J.A. Slater & Sweet, 1961 (morph.); Sweet, 1967 (morph.).

Genus *Aegyptocoris* China, 1936

Aegyptocoris China, 1936: 164. Type species by original designation: *Aegyptocoris myrmecoides* China, 1936.

Andringitra Villiers, 1971: 166 (syn. J.A. Slater & O'Donnell, 1995: 143). Type species by original designation: *Andringitra descarpentriesi* Villiers, 1971, Madagascar.

Ref.: Harrington, 1980 (rev.); Péricart, 1999c (monogr.).

Aegyptocoris myrmecoides China, 1936

Aegyptocoris myrmecoides China, 1936: 164. HT: ♀ (brach.), EG, Kafr Hakim; BMNH. Distr. NA: EG. EL: Sudan, Ethiopia.

Ref.: Linnavuori, 1978 (distr.); Seidenstücker, 1964b (syst. position).

Genus *Eucosmetus* Bergroth, 1894

Eucosmetus Bergroth, 1894e: 156. Type species by monotypy: *Eucosmetus formosus* Bergroth, 1894.

Ref.: Distant, 1903a (monogr.); Harrington, 1980 (rev.); Scudder, 1957d (in Plociomerina).

Eucosmetus annulicornis Kiritshenko, 1931

Eucosmetus annulicornis Kiritshenko, 1931b: 363, 372. HT: ♂, India, Sikkim, Lachen, 8000 ft; BMNH.

Distr. AS: CH (WP). EL: India.

Eucosmetus emeiensis Zheng, 1981

Eucosmetus emeiensis Zheng in Zheng & Zou, 1981a: 182, 606. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (SW).

Eucosmetus formosus Bergroth, 1894

Eucosmetus formosus Bergroth, 1894e: 157. STS: ♂, ♀, Indonesia, Java; MZHF (not found).

Distr. AS: TA. EL: Indonesia (Java).

Ref.: Zheng & Zou, 1981a (note).

Eucosmetus incisus (Walker, 1872)

Rhyparochromus incisus Walker, 1872: 100. HT (see Scudder, 1967b: 268): ♀!, "Ceylon" [= Sri Lanka]; BMNH.

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

Ref.: Distant, 1901b (*Eucosmetus*); Zheng & Zou, 1981a.

Eucosmetus pulchrus Zheng, 1981

Eucosmetus pulchrus Zheng in Zheng & Zou, 1981a: 183, 606. HT: ♂, CH (SE), Guanxi, Longsheng; NKUM.

Distr. AS: CH (CE SE SW).

***Eucosmetus tenuipes* Zheng, 1981**

Eucosmetus tenuipes Zheng in Zheng & Zou, 1981a: 181, 605. HT: ♂, CH (SE), Fujian, Longyan; NKUM.
Distr. AS: CH (CE SE SW).

Genus *Gyndes* Stål, 1862

Gyndes Stål, 1862b: 314. Type species by monotypy: *Rhyparochromus malayus* Stål, 1860.
Paraecusmetus Malipatil, 1978: 67 (syn. J.A. Slater & O'Donnell, 1995: 156). Type species by original designation: *Rhyparochromus pallicornis* Dallas, 1852.

Ref.: Malipatil, 1978 (*Paraecusmetus*); J.A. Slater, 1964a (World cat., *Rhyparochromus*); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

Note: As a consequence of the transfer of *Rhyparochromus malayus* Stål, 1860 by Harrington (1980) to the genus *Paraecusmetus*, the name *Paraecusmetus* became a junior synonym of *Gyndes* Stål, 1862 and consequently *malayus* and *pallicornis* are congeneric (see J.A. Slater & O'Donnell, 1995: 156).

***Gyndes angusticollis* (Zheng, 1981)**

Paraecusmetus angusticollis Zheng in Zheng & Zou, 1981a: 179, 604. HT: ♂, CH (SE), Fujian, Jianyang; NKUM.

Distr. AS: CH (SE SW).

Ref.: J.A. Slater & O'Donnell, 1995 (note).

***Gyndes guangxiensis* (Zheng, 1981)**

Paraecusmetus guangxiensis Zheng in Zheng & Zou, 1981a: 178, 603. HT: ♀, CH (SE), Guanxi, Longsheng; NKUM.

Distr. AS: CH (SE WP).

Ref.: J.A. Slater & O'Donnell, 1995 (note).

***Gyndes harimaensis* (Matsumura, 1913)**

Pamera harimaensis Matsumura, 1913: 145. STS: ♂, ♀, JA, Kyoto and Harima; EIHU.

Distr. AS: JA.

Ref.: Harrington, 1980 (*Paraecusmetus*); J.A. Slater, 1964a (*Pachybrachius*); J.A. Slater & O'Donnell, 1995 (*Gyndes*, note).

***Gyndes malayus* (Stål, 1860)**

Rhyparochromus malayus Stål, 1860b: 245. LT (Scudder, 1976: 32): ♀, Malacca; NHRS.

Distr. AS: CH (SE). EL: Sunda Is, Philippines, Malacca.

Ref.: China, 1943 (*Pachybrachius*); J.A. Slater & O'Donnell, 1995 (note); Stål, 1874a (*Pamera*); Zheng & Zou, 1981a (*Paraecusmetus*).

***Gyndes pallicornis* (Dallas, 1852)**

Rhyparochromus pallicornis Dallas, 1852: 573. LT (Scudder, 1967b: 276): ♀, "E-India"; BMNH.

Plociomerus discoguttatus Dohrn, 1860a: 404 (syn. Stål, 1874a: 151). ST(S): "Ceylon" [= Sri Lanka]; lost.

Rhyparochromus delineatus Walker, 1872: 103 (syn. Distant, 1901b: 497). LT (Scudder, 1967b: 263): ♀, Indonesia, Molucca Is., "Ceram" [= Seram]; BMNH.

Budaeus brevipennis Distant, 1903a: 76 (syn. Kirkaldy, 1909a: 31). LT (Scudder, 1967b: 259): larva, India, Bihar, Lohardaga; BMNH.

Distr. AS: CH (CE SE) JA. EL: Oriental Region.

***Gyndes sinensis* (Zheng, 1981)**

Paraecusmetus sinensis Zheng in Zheng & Zou, 1981a: 179, 604. HT: ♂, CH (SW), Sichuan, Guan-xian; NKUM.

Distr. AS: CH (CE SW).

Ref.: J.A. Slater & O'Donnell, 1995 (note).

***Gyndes vitalisi* (Distant, 1918)**

Pamera vitalisi Distant, 1918c: 242. LT (Scudder, 1967b: 284): ♂, Cambodia, Kompong Kedey; BMNH.

Distr. AS: CH (SE). EL: Indochina.

Ref.: Harrington, 1980 (*Paraeucosmetus*); J.A. Slater, 1964a (*Pachybrachius*); J.A. Slater & O'Donnell, 1995 (note).

Genus *Horridipamera* Malipatil, 1978

Horridipamera Malipatil, 1978: 89. Type species by original designation: *Plociomerus nietneri* Dohrn, 1860.

Ref.: J.A. Slater & O'Donnell, 1995 (suppl. World cat.); J.A. Slater & Zheng, 1985a (rev.).

***Horridipamera inconspicua* (Dallas, 1852)**

Rhyparochromus inconspicuus Dallas, 1852: 574. NT (Zheng & J.A. Slater, 1984: 95, 107): ♂, Gambia, outside Abuko Nature Reserve at waterworks; BMNH.

Diplonotus rusticus Scott, 1874: 430 (syn. J.A. Slater & Zheng, 1985a: 320). LT (Scudder, 1967b: 279): ♀, JA; BMNH.

Pamera spinicrus Reuter, 1882: 17 (syn. J.A. Slater & Zheng, 1985a: 320). STS: ♂, Ghana, Addah [= Ada]; MZHF?

Pamera ebenau Reuter, 1887: 96 (syn. J.A. Slater & Zheng, 1985a: 320). HT: ♀, Madagascar, Loucoubé; MZHF?

Distr. AS: CH (CE SW WP) JA. EL: tropical Africa and Asia.

Ref.: J.A. Slater, 1964a (*Pachybrachius*).

***Horridipamera lateralis* (Scott, 1874)**

Diplonotus lateralis Scott, 1874: 432. LT (Scudder, 1967b: 270): ♂, JA; BMNH.

Distr. AS: CH (CE NO SE) JA KO RU (FE).

Ref.: Distant, 1883 (*Pamera*); Harrington, 1980 (*Paraparomius*); Josifov & Kerzhner, 1978 (*Paromius*); Miyamoto, 1957 (*Pachybrachius*); J.A. Slater & O'Donnell, 1995 (*Horridipamera*); Zheng & Zou, 1981a (*Horridipamera*).

***Horridipamera nietneri* (Dohrn, 1860)**

Plociomerus nietneri Dohrn, 1860a: 404. ST(S): "Ceylon" [= Sri Lanka]; lost.

Plociomerus javanus Motschulsky, 1863: 80 (syn. Bergroth, 1921a: 101). LT (Kerzhner & Jansson, 1985: 40, badly damaged): Indonesia, Java, "Batavia" [= Jakarta]; ZMUM.

Rhyparochromus repressus Walker, 1872: 104 (syn. Scudder, 1962c: 770). HT (badly damaged): Indonesia, Celebes [= Sulawesi]; BMNH.

Pamera flavonotata Distant, 1914a: 380 (syn. Scudder, 1962c: 770). LT (Scudder, 1967b: 266): ♀, New Caledonia, Oubatche; BMNH.

Pamera tricolorata Distant, 1918a: 489 (syn. Scudder, 1962c: 770). LT (Scudder, 1967b: 282): ♀, Australia, N Queensland, Kuranda; BMNH.

Metochus illustris Distant, 1918b: 200 (syn. Scudder, 1962c: 770). LT (Scudder, 1967b: 268): ♀, S India, Chikkaballapura [= Chik Ballapur]; BMNH.

Distr. AS: CH (CE SE SW) JA KO TA. EL: Australia, Oriental and Pacific Regions.

Genus *Humilocoris* Harrington, 1980

Humilocoris Harrington, 1980: 62, 75, 89. Type species now fixed under Art. 70.3:

Orthaea cephalotes Kiritshenko, 1931, misidentified as *Rhyparochromus cephalotes* Dallas, 1852 in the original designation.

Ref.: J.A. Slater & O'Donnell, 1995 (type).

Note: Harrington (1980) designated *Rhyparochromus cephalotes* Dallas as the type species of *Humilocoris*. J.A. Slater & Zheng (1985b: 15) point out that it is in error, following J.A. Slater's 1964a original error, where *cephalotes* Dallas, 1852 was placed in *Stigmatonotum*, and *cephalotes* Kiritshenko, 1931 in *Pachybrachius*. It is the latter species that Harrington intended to be the type of *Humilocoris*.

The record of *Humilocoris* sp. from KU by Al-Houty (1989) is based on misidentified *Remaudiereana annulipes* (see Al-Houty & Dolling, 1999: 86).

***Humilocoris cephalotes* (Kiritshenko, 1931)**

Orthaea cephalotes Kiritshenko, 1931b: 363, 373. HT: ♂, India, W Bengal, Darjeeling, 7000 ft; BMNH.

Distr. AS: CH (WP). EL: India.

Ref.: Harrington, 1980 (*Humilocoris*); Malipatil, 1978 (redescr.); Scudder, 1962c (*Stigmatonotum*), 1970a (nomencl.); J.A. Slater & Zheng, 1985b (nomencl.).

Genus *Ligyrocoris* Stål, 1872

Ligyrocoris Stål, 1872: 51. Type species by monotypy: *Cimex sylvestris* Linnaeus, 1758.

Lygyrocoris V.G. Putshkov, 1958a: 405. Lapsus.

Ref.: Direction 63, 1957 (Official List); Péricart, 1999c (monogr.); Scudder, 1957d (in *Plociomerina*); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Ligyrocoris sylvestris* (Linnaeus, 1758)**

Cimex sylvestris Linnaeus, 1758: 449. HT: ♀!, EU; LSUK.

Pamera contracta Say, 1832: 16 (syn. Stål, 1874a: 145). ST(S): Canada.

Rhyparochromus vicinus Dallas, 1852: 576 (syn. Barber, 1949: 276). LT (Scudder, 1967b: 284): ♀, N America; BMNH.

Plociomerus luchsii Baerensprung, 1859: 330. LT (Péricart, 1998c: 6): ♀, PL, Silesia; ZMHB.

Ligyrocoris diffusus (non Uhler, 1871): Van Duzee, 1908: 110. Misidentification? (see J.A. Slater, 1964a: 1096).

Ligyrocoris silvestris auct. Unjustified emendation or incorrect subsequent spelling.

Distr. EU: AN AU BU BY CZ DE EN FI FR GE IT LA LS LT NR PL RU (CT NT ST) SK SP SV SZ UK "YU". AS: AK CH (NO SW WP) KO MG RU (ES FE WS).

EL: N America (Alaska, Canada, USA).

Ref.: Pfaler, 1936 (biol.); Sweet, 1964 (biol.).

Genus *Pachybrachius* Hahn, 1826

Pachybrachius Hahn, 1826: pl. 18. Type species by monotypy: *Pachybrachius luridus* Hahn, 1826.

Plociomerus (non *Ptochiomera* Say, 1832): Amyot & Serville, 1843: 255 (partly).

Pamera (non Say, 1832): auct.

Diplonotus Stål, 1872: 51 (syn. China, 1943: 239). Type species by subsequent designation (Van Duzee, 1917: 183): *Pachymerus fracticollis* Schilling, 1829.

Ref.: Péricart, 1999c (monogr.); Scudder, 1957d (in *Plociomerina*); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Pachybrachius capitatus* (Horváth, 1882)**

Diplonotus capitatus Horváth, 1882a: 221. LT (Scudder, 1970b: 199): ♂, AB, Lenkoran; HNHM.

Distr. EU: AL BU. AS: AB.

Ref.: Stichel, 1959 (*Pachybrachius*).

?*Pachybrachius fasciatus* Fieber, 1861

Pachybrachius fasciatus Fieber, 1861a: 172. ST(S): IT, Sicily; lost.

Distr. EU: IT?

Note: Only known from its description. Not included in the check-list of Italian Heteroptera (Faraci & Rizzotti Vlach, 1995).

***Pachybrachius festivus* (Distant, 1883)**

Pamera festiva Distant, 1883: 436. LT (Scudder, 1967b: 265): ♂, JA; BMNH.

Distr. AS: JA.

***Pachybrachius fracticollis* (Schilling, 1829)**

Pachymerus fracticollis Schilling, 1829: 82. ST(S): PL, Silesia; lost.

Pachymerus insectus Boheman, 1851: 250 (syn. Baerensprung, 1858a: 80). STS: ♂, ♀, SV, Gotland, Westerby; lost.

Plociomerus collaris Baerensprung, 1859: 329, 332 (syn. Fieber, 1861a: 172). LT (Péricart, 1998c: 6): ♂, IT, Piemonte; ZMHB.

Pachybrachius fracticollis var. *tridens* Roubal, 1959b: 30. HT: CZ, Moravia, Moravoany; SNMC?

Distr. EU: AN AU BE BH BU BY CR CZ DE EN FI FR GB GE HU IR IT LA LS LT LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG.

AS: AK AR GG RU (ES WS). EL: Canada: Quebec?

Ref.: Krogerus, 1960 (biol.).

***Pachybrachius luridus* Hahn, 1826**

Pachybrachius luridus Hahn, 1826: pl. 18. ST(S): GE, Nürnberg; lost.

Pachymerus sabuleti (non Fallén, 1826): Herrich-Schaeffer, 1835a: 45. Misidentification (see Herrich-Schaeffer, 1850: 209).

Pamera erubescens Distant, 1883: 434 (syn. Hidaka, 1959d: 139). LT (Scudder, 1967b: 265): ♀, JA; BMNH.

Distr. EU: AU BE BY CR CZ DE EN FI FR GB GE HU IT LA LS LT NL PL RO RU (CT NT) SK SL SV SZ UK. AS: CH (CE NE) JA KO RU (FE). EL: Canada?

Ref.: Pfaler, 1936 (biol.).

***Pachybrachius maculiferus* (Uhler, 1861)**

Orthaea maculifera Uhler, 1861: 286. HT: CH (SE), Hong Kong; USNM.

Distr. AS: CH (SE).

Ref.: J.A. Slater, 1964a (*Pachybrachius*); Zheng & Zou, 1981a (note).

***Pachybrachius pictus* (Scott, 1880)**

Pamera picta Scott, 1880: 306, 311. LT (Péricart, 1999d: 83): ♂, CH; BMNH.

Distr. AS: CH JA.

Ref.: Miyamoto, 1957 (*Pachybrachius*); Zheng & Zou, 1981b (notes).

Genus *Pamerana* Distant, 1909

Pamerana Distant, 1909a: 331. Type species by monotypy: *Pamerana cuneata* Distant, 1909 (= *Rhyparochromus nigrifolius* Walker, 1872), Borneo.

Nesopamera Barber, 1958: 207 (syn. Scudder, 1962c: 770). Type species by original designation: *Nesopamera vicina* Barber, 1958, Pacific Region.

Ref.: Bergroth, 1918 (descr., syst. position); Scudder, 1957d (in *Plociomerina*); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.)

***Pamerana scotti* (Distant, 1901)**

Diplonotus luridus Scott, 1874: 432 (junior secondary homonym of *Pachybrachius luridus* Hahn, 1826). LT (Scudder, 1967b: 271): JA; BMNH.

Pamera scotti Distant, 1901b: 479. New name for *luridus* Scott, 1874.

Distr. AS: CH (SE SW) JA KO. EL: Assam, Burma, Sri Lanka.
Ref.: Harrington, 1980 (*Pamerana*); J.A. Slater, 1964a (*Pachybrachius*).

***Pamerana sinæ* (Stål, 1860)**

Rhyparochromus sinæ Stål, 1860b: 246. LT (Scudder, 1976: 34): ♀, CH (SE), Hong Kong; BMNH.

Distr. AS: CH (SE: Hong Kong) JA.

Ref.: Harrington, 1980 (*Pamerana*); J.A. Slater, 1964a (*Pachybrachius*); Stål, 1874a (*Pamera*).

Genus *Pamerarma* Malipatil, 1978

Pamerarma Malipatil, 1978: 85. Type species by original designation: *Orthaea ventralis* China, 1930.

***Pamerarma ventralis* (China, 1930)**

Orthaea ventralis China, 1930: 130. HT: ♀, Samoa, Upolu: Apia; BMNH.

Pachybrachius chinai Usinger, 1946: 30 (syn. Malipatil, 1978: 85). HT: ♂, Guam, Agana swamp; BPBM.

Distr. AS: JA (Ryukyu). EL: Pacific Region (Guam, Samoa).

Genus *Paraparomius* Harrington, 1980

Paraparomius Harrington, 1980: 63, 76, 99. Type species by original designation: *Plociomerus leptopoides* Baerensprung, 1859.

Ref.: Péricart 1999c (monogr.); V.G. Putshkov 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Paraparomius leptopoides* (Baerensprung, 1859)**

Plociomerus leptopoides Baerensprung, 1859: 329, 330. LT (Péricart, 1998c: 6): ♀, PO, Andalusia; ZMHB.

Distr. EU: AN BH BU CR ET FR GR IT MC PO RO RU (ST) SL SP SZ UK YU. NA: EG. AS: AB AT CY GG IN.

Genus *Paromius* Fieber, 1860

Stenocoris Rambur, 1839: 139 (in Coreidae) (homonym of *Stenocoris* Burmeister, 1839, Alydidae, see Opinion 800, 1967 for the latter). Type species by monotypy: *Stenocoris gracilis* Rambur, 1839.

Paromius Fieber, 1860: 45; 1861a: 170. New name for *Stenocoris* Rambur, 1839.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in *Plociomerina*); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Tomokuni, 1995c (rev.).

Note: *Stenocoris* Rambur, 1839 (January) has priority over *Stenocoris* Burmeister, 1839 (after August 25), but Fieber (1860-1861) replaced the first name, wrongly stating that the second was published in 1835. Subsequent authors did not use Rambur's name, but widely used Burmeister's one. The provisions of Art. 23.9.1 of the Code may be applied to conserve *Paromius* Fieber and *Stenocoris* Burmeister.

***Paromius excelsus* Bergroth, 1924**

Paromius excelsus Bergroth, 1924b: 82. HT: ♂, Philippines, Luzon, prov. Benguet, above Baguio; MZHF.

Distr. AS: CH (SE SW WP). EL: Philippines.

Ref.: Zheng & Zou, 1981a.

***Paromius exiguus* (Distant, 1883)**

Pamera exigua Distant, 1883: 434. LT (Scudder, 1967b: 265): ♂, JA; BMNH.

Paromius robustior Breddin, 1907b: 204 (syn. Distant, 1911a: 50). ST(S): ♀, "Ceylon"

[= Sri Lanka], Anuradhapura; not located.

Distr. AS: JA. EL: India, Sri Lanka.

Ref.: Paiva, 1919 (EL distr.).

***Paromius gracilis* (Rambur, 1839)**

Stenocoris gracilis Rambur, 1839: 140. HT (see Péricart, 1998c: 10): ♀, SP, Andalusia, nr Granada; BMNH (see note).

Pachymerus nabiformis A. Costa, 1847b: 16 (syn. Ferrari, 1878: 77). LT (Péricart in Carapezza et al., 1995: 286): ♀, IT, nr Naples, Camaldoli; ZIUN.

Rhyparochromus proximus Dallas, 1852: 579 (syn. Puton, 1875a: 23). LT (Scudder, 1967b: 278): ?, Sierra Leone; BMNH.

Rhyparochromus natalensis Stål, 1855a: 34 (syn. Stål, 1865: 158). LT (Scudder, 1976: 33): ♂, South Africa, "Caffraria"; BMNH.

Plociomerus nabizoides Signoret, 1861: 951 (syn. Stål, 1865: 158). LT (Péricart, 1998c: 10): ♀, Madagascar; NHMW.

Plociomerus pallidus Montrouzier, 1865: 229 (syn. Malipatil, 1978: 58). ST(S): New Caledonia, Kanala.

Nabis? discifer Walker, 1870: 2380 (syn. Kerzhner, 1963: 61). HT: Eritrea, Dahlak Is., Red Sea; lost.

Plociomerus seychellesus Walker, 1872: 120 (syn. China, 1924a: 433). LT (Scudder, 1967b: 280): ♀, Seychelles Is; BMNH.

Pamera ejuncida Distant, 1883: 433 (syn. Distant, 1901b: 477, with *seychellesus*). LT: ♀, JA; BMNH.

Paromius pallens [sic] Van Duzee, 1935: 321. Lapsus.

Paromius djoufensis Lindberg, 1938: 87 (syn. Lindberg, 1959: 57). HT (see Lindberg, 1959: 57): ♂, Mauritania, El Djouf; MZHF.

Distr. EU: AL BH BU CR FR GR IT MA MC SL SP YU. NA: AG EG MO MR TU. AS: AB AR AT CH (CE SE SW) CY GG IN IS JA SA TA TD UZ YE. EL: India, Madagascar, Seychelles Is, tropical and south Africa.

Note: The LT of *gracilis* designated by Scudder (1967b: 267) from Corsica is invalid because the (unique) type (HT) was described from SP, Andalusia (see Dolling, 1978: 125).

***Paromius jejunos* (Distant, 1883)**

Pamera jejuna Distant, 1883: 434. LT (Scudder, 1967b: 270): ♀, JA; BMNH.

Distr. AS: JA.

Ref.: Miyamoto & Hidaka, 1960; J.A. Slater, 1964a (*Paromius*).

***Paromius nigroapicalis* Tomokuni, 1995**

Paromius nigroapicalis Tomokuni, 1995c: 819. HT: ♂, JA, Ryukyus, Iriometes Is, Uehara; NSMT.

Distr. AS: JA.

***Paromius piratoides* (A. Costa, 1864)**

Plociomerus piratoides A. Costa, 1864: 78. HT: no locality; ZIUN?

Nabis bicolor Walker, 1873a: 145 (syn. Distant, 1903e: 255). HT (see Scudder, 1967b: 259): ♂, Indonesia, Celebes [= Sulawesi]; BMNH.

Distr. AS: CH (SE SW). EL: Carolines Is, Celebes, Guam, Marianas, Philippines, Thailand.

Ref.: Zheng & Zou, 1981a (as "*Paromius*" sp.)

Genus *Pseudopachybrachius* Malipatil, 1978

Pseudopachybrachius Malipatil, 1978: 63. Type species by original designation:

Rhyparochromus gutta Dallas, 1852.

***Pseudopachybrachius gutta* (Dallas, 1852)**

Rhyparochromus gutta Dallas, 1852: 573. LT (Scudder, 1967b: 267): ♀, "North India"; BMNH.

Rhyparochromus vinulus (non Stål, 1860, partly): Stål, 1860b: 246. Misidentification?

Pachymerus obliquefasciatus Motschulsky, 1863: 80 (syn. Bergroth, 1921a: 100, with *vinulus*). STS: Indonesia, Java, Batavia [= Djakarta]; lost?

Plociomerus parvula (non Dallas, 1852): Stål, 1865: 159. Misidentification?

Pamera pacifica Stål, 1874a: 149 (syn. Malipatil, 1978: 63). LT (Scudder, 1976: 33): ♂, Fiji, Ovalau Is.; NHRS.

Pamera vincta (non Say, 1832): Distant, 1901b: 480. Misidentification?

Pachybrachius izzardi Hidaka, 1958b: 37 (syn. Scudder, 1970a: 102, with *pacificus*).

HT: ♂, JA, Kagoshima Pref., Kamiarata-cho; KUEC?

Eucosmetus gessleri Fernando, 1960: 238 (syn. J.A. Slater, 1979b: 22). STS: "Ceylon" [= Sri Lanka], Colombo; coll. University of Ceylon, Colombo, Sri Lanka.

Distr. AS: CH (SE SW) JA! EL: Oriental, Australian and Pacific regions.

Ref.: J.A. Slater, 1964a (*Pachybrachius*); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

Note: *gutta*, not *guttus* (invariable Latin substantive; meaning: drop or droplet).

The question of separation between *P. gutta* (= *pacificus* = *vinctus* auct., non Say), a supposed Oriental and Pacific species, and *P. vinctus* Say, a species inhabiting the New World, is not yet solved (see J.A. Slater, 1964a: 1135). So the synonymies proposed above are probably not definite. The terms "Misidentification?" point out the ambiguities.

***Pseudopachybrachius reductus* (Walker, 1872)**

Plociomerus reductus Walker, 1872: 120. LT (Scudder, 1967b: 278): ♀, Seychelles; BMNH.

Pamera dubia Reuter, 1882: 18 (syn. Zheng & J.A. Slater, 1984: 105). STS: ♀, Ghana, Addah [= Ada]; MZHF.

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

Ref.: Linnavuori, 1978 (EL distr., as *Pachybrachius dubius*).

Genus *Remaudiereana* Hoberlandt, 1954

Remaudiereana Hoberlandt, 1954: 921 Type species by original designation:

Remaudiereana tibialis Hoberlandt, 1954 (= *Plociomerus annulipes* Baerensprung, 1859).

Ref.: Harrington, 1980 (valid genus); Malipatil, 1978 (syn. with *Pachybrachius*); Péricart, 1999c (monogr.); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Stichel, 1959 (monogr.).

***Remaudiereana annulipes* (Baerensprung, 1859)**

Plociomerus annulipes Baerensprung, 1859: 330, 332. LT (Péricart, 1998c: 5): ♀, SP, Andalusia; ZMHB.

Plociomerus punctulatus Motschulsky, 1863: 79 (syn. Kerzhner & Jansson, 1985: 40). LT (Kerzhner & Jansson, 1985: 40): almost destroyed ♀, "Ceylon" [= Sri Lanka], Colombo, ZMUM.

Plociomerus (Diplonotus) calcaratus Puton, 1874d: 436 (syn. Puton, 1886a: 33). LT (Scudder, 1967a: 153): ♂, AG, Biskra; MNHN.

Diplonotus vicinus Reuter, 1882: 20 (syn. Horváth, 1923: 205). LT (Péricart, 1997a: 68) ♂, Ghana, Addah [= Ada]; MZHF.

Pamera reuteri Lethierry & Séverin, 1894: 193. New name for *vicinus* Reuter, 1882 because of secondary homonymy with *Rhyparochromus vicinus* Dallas, 1852.

Orthaea sinhalana Kirkaldy, 1908c: 11 (syn. Horváth, 1923: 205, suspected). ST(S): "Ceylon" [= Sri Lanka], Galle; lost?
Remaudiereana tibialis Hoberlandt, 1954: 922 (syn. Linnavuori, 1978: 90). HT: ♂, Mali, Macina, Dogo; MNHN?
Remaudiereana africana Hoberlandt, 1954: 925 (syn. Linnavuori, 1978: 90). HT: ♂, Mali, Mopti; MNHN?
 Distr. EU: CR FR? GR IT PO? SP. NA: AG CI EG LB MO TU. AS: AT CH (CE SE) CY IN IQ IS JA KU SA SI TA YE. EL: India (Assam), Sri Lanka; tropical Africa.
 Ref.: Scudder, 1962c (*Remaudiereana*); Zheng & Zou, 1981a (*Pachybrachius*).

***Remaudiereana flavipes* (Motschulsky, 1863)**

Plociomerus flavipes Motschulsky, 1863: 80. LT (Kerzhner & Jansson, 1985: 40): ♂, "Ceylon" [= Sri Lanka], Colombo; ZMMU.
Pamera inermicrus Stål, 1874a: 152 (syn. Bergroth, 1921a: 101). LT (Scudder, 1976: 32): ♂, Philippines; NHRS.
 Distr. AS: CH (SW) JA! EL: Burma, Indonesia (Sumatra), Philippines, Senegal, Sri Lanka.
 Ref.: Harrington, 1980 (*Remaudiereana*).

***Remaudiereana nigriceps* (Dallas, 1852)**

Rhyparochromus nigriceps Dallas, 1852: 577. LT (Scudder, 1967b: 274): ♀, Hawaii; BMNH.
Aphanus boniniensis Uhler, 1860: 228 (syn. Barber, 1958: 206, suspected; Tomokuni, 1984: 476, 480). HT: JA, Bonin Is; USNM?
Plociomerus douglasi White, 1876: 105 (syn. White, 1878: 369). LT (Scudder, 1967b: 264): ♂, New Zealand; BMNH.
Pamera andrewsi Distant, 1901b: 481 (syn. Malipatil, 1978: 45). LT (Scudder, 1967b: 256): ♀, Christmas Is.; BMNH.
Ptochiomera kydippe Kirkaldy, 1905: 346 (syn. Malipatil, 1978: 45). LT (Scudder, 1967b: 270) ♂, Loyalty Is., Lifou; BMNH.
 Distr. AS: JA. EL: Australia, New Zealand, Pacific Region, Philippines.

***Remaudiereana octonotata* (Bergroth, 1914)**

Pamera octonotata Bergroth, 1914b: 357. HT: ♀, TA, Anping; MZHF?
 Distr. AS: TA.
 Ref.: Scudder, 1962c (*Remaudiereana*); Zheng & Zou, 1981a (*Pachybrachius*).

Genus *Stigmatonotum* Lindberg, 1927

Stigmatonotum Lindberg, 1927: 9. Type species by original designation: *Stigmatonotum sparsum* Lindberg, 1927 (= *Plociomerus rufipes* Motschulsky, 1866).
 Ref.: J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); J.A. Slater & Zheng, 1985b (rev.).

***Stigmatonotum capucinum* (Stål, 1865)**

Plociomerus capucinus Stål, 1865: 160. LT (Scudder, 1976: 30): ♀, "Ins. Bourbon" [= Réunion]; NHRS.
 Distr. AS: YE. EL: Réunion, tropical Africa.
 Ref.: Reuter, 1882 (*Diplonotus*); Scudder, 1962c (syst. position); Stål, 1874a (*Pamera*).

***Stigmatonotum geniculatum* (Motschulsky, 1863)**

Plociomerus geniculatus Motschulsky, 1863: 81. LT (Kerzhner & Jansson, 1985: 40): ♂, "Ceylon" [= Sri Lanka], Colombo; ZMUM.
Plociomerus japonica Distant, 1883: 437 (syn. Scudder, 1970a: 103, with *rufipes*; removed from syn. with *rufipes* and syn. with *geniculatum* by J.A. Slater & Zheng, 1985b: 13, 21. LT (Scudder, 1967b: 270): ♀, JA; BMNH.

Stigmatonotum minutum Malipatil, 1978: 22, 23 (syn. J.A. Slater & Zheng, 1985b: 13, 21). HT: ♂, Australia, Cape York Peninsula, Iron Range; Queensland Museum, Brisbane, Australia.

Distr. AS: CH (CE SE SW) JA. **EL:** Asia, Australia and tropical Africa.

Ref.: Distant, 1903a; Harrington, 1980 (*Stigmatonotum*); Matsumura, 1931 (descr.); Miyamoto & Hidaka, 1960 (syst. position); Shiraki, 1952 (noxious); J.A. Slater & Zheng, 1985b (morph.).

***Stigmatonotum rufipes* (Motschulsky, 1866)**

Plociomerus rufipes Motschulsky, 1866: 188. LT (Kerzhner & Jansson, 1985: 40): ♀?, JA; ZMUM.

Stigmatonotum sparsum Lindberg, 1927: 10 (syn. Hasegawa, 1960: 38). HT: RU (FE), Ussuri, Spasskaja [= Spassk-Dalniy]; MZHF.

Distr. AS: CH (CE NE NO? SE SW) JA KO RU (FE).

Ref.: Scudder, 1970a (*Stigmatonotum*); Zheng & Zou, 1981a (as *rufipes* and as *sparsum*).

Genus *Suffenus* Distant, 1903

Suffenus Distant, 1903a: 75. Type species by original designation: *Rhyparochromus fusconervosus* Motschulsky, 1863.

Dakhla Linnavuori, 1964: 316 (syn. Linnavuori, 1969: 205). Type species by original designation: *Dakhla striipennis* Linnavuori, 1964 (= *Rhyparochromus fusconervosus* Motschulsky, 1863).

Ref.: Scudder, 1957d (in *Plociomerina*).

Note: As pointed out by Sweet & J.A. Slater (1974) placing this genus in the Myodochini remains provisional. Linnavuori (1964: 316) suggested a possible position of its synonym *Dakhla* near *Tropistethus* (Antillocorini).

***Suffenus fusconervosus* (Motschulsky, 1863)**

Rhyparochromus fusconervosus Motschulsky, 1863: 79. LT (Kerzhner & Jansson, 1985: 40): ♂, "Ceylon" [= Sri Lanka], Colombo; ZMUM.

Exptochiomera nana Barber, 1932: 361 (syn. Sweet & J.A. Slater, 1974: 82). HT: ♂, USA, Massachusetts, Framingham; USNM (see note).

Dakhla striipennis Linnavuori, 1964: 316 (as subsp. of *fusconervosus* by Linnavuori, 1969: 205; syn. Scudder, 1970a: 103). HT: ♂, EG, Dakhla; AMNH.

Distr. NA: EG. **AS:** YE. **EL:** Burma; Sri Lanka; USA?

Note: This incoherent distribution leads Sweet & J.A. Slater (1974: 82) to consider the labelling of the unique known specimen of *E. nana* as false.

Genus *Togo* Bergroth, 1906

Togo Bergroth, 1906a: 335. Type species by monotypy: *Togo victor* Bergroth, 1906.

***Togo hemipterus* (Scott, 1874)**

Diplonotus hemipterus Scott, 1874: 431. LT (Scudder, 1967b: 268): ♀, JA; BMNH.

Togo victor Bergroth, 1906a: 336 (syn. Hasegawa, 1954: 9). ST(S): ♂, JA, Tokyo; MZHF?

Distr. AS: JA KO.

Ref.: Esaki, 1950 (*Togo*); Matsumura, 1931 (descr., fig.); Shiraki, 1952 (noxious); Yanai, 1952 (morph. mid-intestine).

***Togo praetor* Bergroth, 1917**

Togo praetor Bergroth, 1917: 4. STS: ♀, JA, Kobe; MZHF?

Distr. AS: JA.

Tribe OZOPHORINI Sweet, 1967

OZOPHORINI Sweet, 1967: 222. Type genus: *Ozophora* Uhler, 1871, Neotropical Region.
Ref.: J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.);
Sweet, 1967 (morph.).

Genus *Bryanellocoris* J.A. Slater, 1957

Bryanella China, 1930: 135 (junior homonym of *Bryanella* Blair, 1928, Coleoptera). Type species by original designation: *Bryanella longicornis* China, 1930, Samoa.

Bryanellocoris J.A. Slater, 1957: 37. New name for *Bryanella* China, 1930.

Ref.: Scudder, 1957d (in Stygnocorini); Sweet, 1967 (in Ozophorini).

Bryanellocoris orientalis Hidaka, 1962

Bryanellocoris orientalis Hidaka, 1962d: 166. HT: ♂, JA, Tokyo Pref., Hachijo Is.; KUEC.

Bryanellocoris japonicus (non Hidaka, 1962): Hidaka, 1964a: 298. Misidentification.

Distr. AS: CH (CE SE SW) JA KO TA.

Ref.: Zheng & Zou, 1981a.

Genus *Ethaltomarus* Scudder, 1963

Ethaltomarus Scudder, 1963b: 1244. Type species by original designation: *Ethaltomarus rugosus* Scudder, 1963, Afrotropical Region.

Ethaltomarus glabrosus Scudder, 1963

Ethaltomarus glabrosus Scudder, 1963b: 1245. HT: ♀, Kenya, nr Lokitanyalla, West-Suk, Turkana; MNHN.

Distr. AS: YE. EL: tropical Africa.

Genus *Marmottania* Puton, 1887

Marmottania Puton in Puton & Lethierry, 1887: 302. Type species by monotypy:

Marmottania simonis Puton, 1887.

Ref.: China, 1936 (distr.); Linnavuori, 1994 (rev.); Péricart, 1999b (monogr.); Scudder, 1957d (in Stygnocorini), J.A. Slater, 1964a (World cat., in Ozophorini).

Marmottania rungsi Vidal, 1951

Marmottania rungsi Vidal, 1951: 60. STS: ♀, MO, Sahara marocain, Oued Khrouf and Tissint; ICRM?

Distr. NA: MO.

Ref.: Linnavuori, 1994 (syn. of *M. simonis*).

Note: Very probably a synonym of *Marmottania simonis*.

Marmottania simonis Puton, 1887

Marmottania simonis Puton in Puton & Lethierry, 1887: 303. LT (Scudder, 1967a: 157): ♂, AG, Biskra; MNHN.

Distr. NA: AG CI! EG. AS: IN IS YE.

Genus *Noualhieria* Puton, 1889

Noualhieria Puton in Noualhier, 1889: 300. Type species by original designation:

Noualhieria coracipennis Puton, 1889 (= *Aphanus quadripunctatus* Brullé, 1838).

Ref.: Lindberg, 1953 (biol.); Péricart, 1999b (monogr.); Ribes, 1976 (rev.); Scudder, 1957d (in Stygnocorini); J.A. Slater, 1964a (World cat., in Ozophorini).

Noualhieria herbanica Ribes, 1976

Noualhieria herbanica Ribes, 1976: 93, 95. HT: ♂ (submacr.), CI, Fuerteventura, Vega Rio Grande.

Distr. NA: CI.

***Noualhieria pieltaini* Gómez Menor, 1924**

Noualhieria pieltaini Gómez Menor, 1924: 153. HT: ♂, CI, Tenerife, Monte de los Silos; MNMS.

Noualhieria fernandezi Lindberg, 1953: 72 (syn. Lindberg, 1960: 11; Ribes, 1976: 87). HT: ♂, CI, Tenerife; MZHF.

Distr. NA: CI.

***Noualhieria quadripunctata* (Brullé, 1838)**

Aphanus quadripunctatus Brullé, 1838: 80. ST(S): CI; lost?

Thaumastopus ?alacer Walker, 1872: 147 (syn. Horváth, 1899c: 278). HT: CI; BMNH (damaged specimen).

Noualhieria coracipennis Puton in Noualhier, 1889: 301 (syn. Lindberg, 1960: 10; Ribes, 1976: 87). LT (Scudder, 1967a: 154): ♂, CI, Tenerife; MNHN.

Distr. NA: CI.

Genus *Paraporta* Zheng, 1981

Paraporta Zheng in Zheng & Zou, 1981a: 156, 599. Type species by original designation: *Paraporta megapina* Zheng, 1981.

***Paraporta megapina* Zheng, 1981**

Paraporta megapina Zheng in Zheng & Zou, 1981a: 156, 599. HT: ♂, CH (SE), Guangxi, Longsheng; NKUM.

Distr. AS: CH (CE NO SE).

Genus *Primierus* Distant, 1901

Primierus Distant, 1901b: 477. Type species by subsequent designation (Distant, 1903a: 61):

Plociomerus bispinus Motschulsky, 1863, Sri Lanka.

Ref.: Scudder, 1957d (in Stygnocorini); J.A. Slater, 1964a (World cat., in Ozophorini).

***Primierus longispinus* Zheng, 1981**

Primierus longispinus Zheng in Zheng & Zou, 1981a: 155, 597. HT: ♂, CH (SE), Fujian, Nan-jing; NKUM.

Distr. AS: CH (SE SW WP).

Ref.: J.A. Slater & Zheng, 1985c (redescr.).

***Primierus tuberculatus* Zheng, 1981**

Primierus tuberculatus Zheng in Zheng & Zou, 1981a: 154, 598. HT: ♂, CH (SE), Guangxi, Longsheng; NKUM.

Distr. AS: CH (SE SW) TA.

Ref.: J.A. Slater & Zheng, 1985c (redescr.).

Genus *Prosomoëus* Scott, 1874

Prosomoëus Scott, 1874: 435. Type species by monotypy: *Prosomoëus brunneus* Scott, 1874.

Ref.: Scudder, 1957d (in Stygnocorini); J.A. Slater, 1964a (in Ozophorini).

***Prosomoëus brunneus* Scott, 1874**

Prosomoëus brunneus Scott, 1874: 436. LT (Scudder, 1967b: 259): ♂, JA; BMNH.

Ligyrocoris terminalis Uhler, 1896: 262 (syn. Ashlock, 1960: 238). HT: JA; USNM.

Distr. AS: CH (SE) JA KO RU (FE!).

Ref.: Barber, 1921 (*Ligyrocoris*).

***Prosomoëus pygmaeus* Zheng, 1981**

Prosomoëus pygmaeus Zheng in Zheng & Zou, 1981a: 153, 596. HT: ♂, CH (SW),

Sichuan, Baoxing; NKUM.
Distr. AS: CH (SW).

Genus *Vertomannus* Distant, 1903

Vertomannus Distant, 1903c: 45. Type species by monotypy: *Vertomannus capitatus* Distant, 1903, Birma, India.

Ref.: Bergroth, 1918 (syst. position); Distant, 1903a (redescr.); Poppius & Bergroth, 1921 (ant mimicry, larva); J.A. Slater, 1964a (World cat., in Ozophorini).

***Vertomannus brevicollum* Zheng, 1981**

Vertomannus brevicollum Zheng in Zheng & Zou, 1981a: 159, 601. HT: ♀, CH (SW), Sichuan, Mt Emei; TNUM.

Distr. AS: CH (SW).

***Vertomannus crassus* Zheng, 1981**

Vertomannus crassus Zheng in Zheng & Zou, 1981a: 158, 600. HT: ♀, CH (SW), Sichuan, Baoxing; NKUM.

Distr. AS: CH (CE SW).

***Vertomannus emeia* Zheng, 1981**

Vertomannus emeia Zheng in Zheng & Zou, 1981a: 160, 601. HT: ♂, CH (SW), Sichuan, Mt Emei; NKUM.

Distr. AS: CH (CE SW WP).

***Vertomannus ophiocephalus* Zheng, 1981**

Vertomannus ophiocephalus Zheng in Zheng & Zou, 1981a: 159, 602. HT: ♂, CH (SE), Guanxi, Long-sheng; TMNH.

Distr. AS: CH (SE).

***Vertomannus validus* Zheng, 1981**

Vertomannus validus Zheng in Zheng & Zou, 1981a: 158, 600. HT: ♂, CH (SW), Sichuan, Bao-xing; NKUM.

Distr. AS: CH (SW).

Tribe PHASMOSOMINI Kiritshenko, 1938

PHASMOSOMINAE Kiritshenko, 1938a: 116 (as subfamily; downgraded to tribe of subfamily Rhyparochrominae by Sweet, 1967: 222). Type genus: *Phasmosomus* Kiritshenko, 1938.

Ref.: Linnavuori, 1994 (rev.); Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

Genus *Phasmosomus* Kiritshenko, 1938

Phasmosomus Kiritshenko, 1938a: 116. Type species by monotypy: *Phasmosomus araxis* Kiritshenko, 1938.

Ref.: China & Miller, 1959 (syst. position).

***Phasmosomus araxis* Kiritshenko, 1938**

Phasmosomus araxis Kiritshenko, 1938a: 90, 109, 117. LT (Péricart, 1998b: 126): ♂ (brach.), AB, Nakhichevan Rep., "station Darashan", nr Araks river; ZMAS.

Distr. AS: AB IQ.

Ref.: Linnavuori, 1994 (redescr.); V.G. Putshkov, 1969b (larva).

***Phasmosomus priesneri* (Wagner, 1958)**

Marmottania priesneri Wagner, 1958c: 469. HT: ♂ (macr.), SI, Mt Sinai, south; ZMUH.

Phasmosomus hoberlandti Kiritshenko, 1963a: 376 (syn. Linnavuori, 1994: 59). HT: ♂

(macr.), AF, Eastern Prov.; ZMAS.
Distr. AS: AF IN IQ IS SI.
Ref.: Linnavuori, 1994 (*Phasmosomus*).

Tribe PLINTHISINI J.A. Slater & Sweet, 1961

PLINTHISINI J.A. Slater & Sweet, 1961: 206. Type genus: *Plinthisus* Stephens, 1829.

Genus *Plinthisus* Stephens, 1829

Plinthisus Stephens, 1829a: 343; 1829b: 65. Type species by monotypy: *Lygaeus brevipennis* Latreille, 1807.
Locutius Distant, 1918b: 192 (syn. Scudder, 1962c: 771). Type species by original designation: *Locutius atratus* Distant, 1918, India.
Ref.: J.A. Slater, 1964a (World cat.); Wagner, 1963c (rev.).

Subgenus *Dasythisus* Wagner, 1964

Dasythisus Wagner, 1964b: 257 (as subgenus of *Plinthisus*). Type species by original designation: *Plinthisus lativentris* Horváth, 1906.

***Plinthisus bembidioides* Josifov & Kerzhner, 1978**

Plinthisus (Dasythisus) bembidioides Josifov & Kerzhner, 1978: 148. HT: ♂, KO, Junhari, 40 km W of Pyongjang; ZMPA.
Distr. AS: KO.

***Plinthisus japonicus* (Hidaka, 1962)**

Drymus (Drymus) japonicus Hidaka, 1962a: 275. HT: ♀, JA, Ehime Pref., Shikoku, Saragamine; KUEC
Distr. AS: JA KO MG RU (FE).
Ref.: Josifov & Kerzhner, 1978 (distr.); Scudder, 1970a (*Plinthisus*).

***Plinthisus kanyukovae* Vinokurov, 1981**

Plinthisus (Dasythisus) kanyukovae Vinokurov, 1981: 21. HT: ♂, RU (ES), Irkutsk Prov., campus Bol'shie Koty, SW shore of lake Baikal; ZMAS.
Distr. AS: RU (ES FE)
Ref.: Vinokurov & Kanyukova, 1995a.

***Plinthisus lativentris* Horváth, 1906**

Plinthisus lativentris Horváth, 1906a: 274. HT: ♀, RU (ES), Irkutsk Prov., Kultuk; HNHM.
Distr. AS: AK RU (ES FE WS).
Ref.: Vinokurov, 1979; Wagner, 1964b (subg. *Dasythisus*).

***Plinthisus vestitus* Jakovlev, 1889**

Plinthisus vestitus Jakovlev, 1889c: 63. LT (Péricart, 1998b: 126): ♀, RU (ES), Irkutsk Prov., Verkholensk Mts; ZMAS.
Plinthisus sibiricus Jakovlev, 1889c: 65 (syn. Kulik, 1967: 398; Kerzhner, 1993: 103). HT: ♂, RU (ES), Irkutsk Prov., Verkholensk Mts, nr an affluent of Angara river; ZMAS.
Distr. AS: MG RU (ES FE).
Ref.: Vinokurov, 1979; Vinokurov & Kanyukova, 1995a; Wagner, 1964b (subg. *Dasythisus*).

Subgenus *Isioscytus* Horváth, 1876

Isioscytus Horváth, 1876a: 724, 727 (as subgenus of *Plinthisus*). Type species by monotypy: *Plinthisus ptilioides* Puton, 1874.
Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Plinthisus andalusicus* Wagner, 1963**

Plinthisus (Isioscytus) andalusicus Wagner, 1963c: 125, 153. HT: ♂, SP, Andalusia, Sevilla, Cortija de Maribañez, S of Los Palacios; ZMUH.
Distr. EU: PO SP. NA: MO.

***Plinthisus himyaritus himyaritus* Linnavuori, 1978**

Plinthisus himyaritus himyaritus Linnavuori, 1978: 69. HT: ♂, YE, Jebel Jihaf; BMNH.
Distr. AS: YE.
Extralimital subspecies: *Plinthisus himyaritus beniamaricus* Linnavuori, 1978, Eritrea.

***Plinthisus minutissimus* Fieber, 1864**

Plinthisus (Plinthisomus) minutissimus Fieber, 1864: 213. ST(S): ♀, FR, Hyères; lost?
Plinthisus minutissimus var. *meridionalis* Mancini, 1935b: 8. HT (see Péricart, 1998c: 7): ♂, IT, Pantelleria Is.; MCSN.
Plinthisus (Isioscytus) bicolor (non Rey, 1888): Wagner, 1963c: 120.
Misidentification (see Péricart & Ribes, 1994: 248).
Distr. EU: AU? BH CR FR GE GR IT MC PO RO SP SZ. NA: AG MO TU.
Ref.: Wagner, 1963c (subg. *Isioscytus*).

***Plinthisus ptilioides* Puton, 1874**

Plinthisus (Plinthisomus) ptilioides Puton, 1874b: 452. LT (Scudder, 1967a: 156): ♀, SY; MNHN.
Plinthisus subcarinatus Wagner, 1949e: 11 (syn. Péricart, 1997b: 484). HT: ♂ (brach.), AT, "Lyciae Taurus"; NHMW.
Plinthisus franzi Wagner, 1961b: 21 (syn. Wagner, 1963c: 116, with *subcarinatus*). HT: ♂ (macr.), Chad, Deressia nr Lai; ZMUH.
Distr. EU: BU CR GR IT RU (ST) UK. AS: AB AK AR AT IS? JO SY. EL: tropical Africa (Chad, Sudan).
Ref.: Wagner, 1963c (subg. *Isioscytus*).

***Plinthisus reyi* Puton, 1882**

Plinthisus reyi Puton, 1882: 185. LT (Scudder, 1967a: 157): ♂ (brach.), FR, Pyrénées-Orientales, Collioure; MNHN.
Plinthisus bicolor Rey, 1888a: 101 (syn. Péricart & Ribes, 1994: 248). LT (Wagner, 1963c: 122; Péricart & Ribes, 1994: 247): ♂, FR; MNHN.
? *Plinthisus parvulus* Kerzhner, 1962: 139 (syn. Péricart, 1999b: 157, suspected). HT: ♂ (brach.), AK, Dzhungarskiy Alatau, nr village Topolevka, 40 km E of Sarkand; ZMAS.
Distr. EU: BU? FR PO SP. AS: AK? AT; "Transcaucasia"?

***Plinthisus saundersi* Horváth, 1893**

Plinthisus saundersi Horváth in Saunders, 1893: 100. HT (see Péricart, 1996a: 157): ♀ [not ♂] (brach.), Gibraltar; BMNH!
? *Plinthisus (Plinthisomus) otini* Vidal, 1951: 62 (syn. Péricart, 1999b: 162, suspected). HT: ♀ (brach.), MA, Fès; ICRM?
Distr. EU: IT SP. NA: MO?

Subgenus *Locutius* Distant, 1918

Locutius Distant, 1918b: 192 (as genus; downgraded by Wagner, 1963c: 127). Type species by original designation: *Locutius atratus* Distant, 1918, India.
Ref.: Linnavuori & Van Harten, 2000 (key African spp.).

***Plinthisus daneghanus* Linnavuori & Van Harten, 2000**

Plinthisus (Locutius) daneghanus Linnavuori & Van Harten, 2000: 171. HT: ♀ (macr.),

YE, Socotra, Wadi Daneghan; NMWC.
Distr. AS: YE (Socotra).

Subgenus *Nanoplinthisus* Wagner, 1963

Nanoplinthisus Wagner, 1963c: 104 (as subgenus of *Plinthisus*). Type species by original designation: *Plinthisus fasciatus* Horváth, 1882.

Ref.: Péricart, 1999b (monogr.); Popov, 1968 (key, rev.).

***Plinthisus cerinus* V. G. Putshkov, 1976**

Plinthisus ferrugineus Kiritshenko, 1964: 166 (syn. V.G. Putshkov, 1976: 1047). Nomen nudum.

Plinthisus (Nanoplinthisus) cerinus V.G. Putshkov, 1976: 1047. HT: (brach.), TD, nr Dushanbe, Yavan; UASK.

Distr. AS: TD.

***Plinthisus fasciatus* Horváth, 1882**

Plinthisus (Plinthisomus) fasciatus Horváth, 1882a: 222. LT (Scudder, 1970b: 200): ♀, CR, Dalmatia, Lesina [= Lošinj]; HNHN.

Distr. EU: AL BH CR GR UK. AS: AB LE.

Ref.: Kiritshenko, 1928 (discussion); Wagner, 1963c (*Nanoplinthisus*).

***Plinthisus laevigatus* Puton, 1884**

Plinthisus laevigatus Puton, 1884a: 142. LT (Scudder, 1967a: 155): ♀, SP, Cartagena; MNHN.

Distr. EU: SP. NA: MO.

Ref.: Wagner, 1963c (*Nanoplinthisus*).

***Plinthisus magnieni* Péricart & Ribes, 1994**

Plinthisus (Nanoplinthisus) pilosellus (non Horváth, 1876): Wagner, 1963c: 110. Misidentification (see Péricart & Ribes, 1994: 244).

Plinthisus (Nanoplinthisus) magnieni Péricart & Ribes, 1994: 245. For *pilosellus* sensu Wagner, 1963. HT: ♂, SP, Aragon, prov. Zaragoza, Sierra de Alcubierre; coll. Ribes, Barcelona, SP.

Distr. EU: SP.

***Plinthisus megacephalus* Horváth, 1876**

Plinthisus (Plinthisomus) megacephalus Horváth, 1876b: 81. LT (Scudder, 1970b: 202): ♂, SP; MNHN.

Plinthisus (Plinthisomus) lusitanicus Horváth, 1886b: 216 (syn. Popov, 1968: 7). LT (Scudder, 1970b: 202): ♀, PO, Coimbra: MZHF.

Distr. EU: PO SP. NA: AG.

***Plinthisus perpusillus* Wagner, 1963**

Plinthisus (Isioscytus) perpusillus Wagner, 1963c: 122. HT: ♂, GR, Corfu; ZSMC.

Distr. EU: GR.

Ref.: Péricart, 1999b (*Nanoplinthisus?*).

***Plinthisus pilosellus* Horváth, 1876**

Plinthisus pilosellus Horváth, 1876b: 81. LT (Scudder, 1970b: 203): ♀, MO, Tanger; BMNH.

Distr. EU: GR? SP. NA: AG MO.

Ref.: Péricart & Ribes, 1994 (redescr.).

***Plinthisus pygmaeus* Horváth, 1882**

Plinthisus (Plinthisomus) pygmaeus Horváth, 1882b: 145. LT (Scudder, 1970b: 204): ♂, SP, Algeciras; MZHF.

Distr. EU: SP. NA: MO.

Ref.: Wagner, 1963c (*Nanoplinthisus*).

Note: Possibly a synonym of *Plinthisus fasciatus* (see Péricart, 1999b: 148).

***Plinthisus soongoricus* Kerzhner, 1962**

Plinthisus (*Plinthisomus*) *soongoricus* Kerzhner, 1962: 140. HT: ♂, AK, Dzhungarskiy Alatau, nr village Topolevka, 40 km E of Sarkand; ZMAS.

Plinthisus dimidiatus Kiritshenko, 1964: 166 (syn. V.G. Putshkov, 1976: 1048). Nomen nudum.

Plinthisus vicinus Kiritshenko, 1964: 166 (syn. V.G. Putshkov, 1976: 1048). Nomen nudum.

Distr. AS: AK KI TD TM UZ.

***Plinthisus subtilis* Horváth, 1881**

Plinthisus subtilis Horváth, 1881: 39. LT (Scudder, 1970b: 205): ♂, IS, "Kaifa" [= Haifa]; HNHM.

Distr. AS: IS LE? SY?

Subgenus *Plinthisomus* Fieber, 1864

Plinthisomus Fieber, 1864: 213 (as subgenus of *Plinthisus*). Type species by subsequent designation (Oshanin, 1912: 35): *Pachymerus pusillus* Scholtz, 1847.

Ref.: Péricart, 1999b (monogr.); Wagner, 1963c (rev.).

***Plinthisus pusillus* (Scholtz, 1847)**

Pachymerus pusillus Scholtz, 1847: 145. ST(S): PL, Silesia; lost.

Rhyparochromus coleoptratus R.F. Sahlberg, 1848: 60 (syn. Baerensprung, 1858a: 80). LT (Péricart, 1997a: 68): ♂, FI, Helsinki; MZHF.

Plinthisus latus Reuter, 1870: 313, 320. LT (Péricart, 1997a: 66): ♀ (macr.), FI, Pargas; MZHF.

Plinthisus mellae Ferrari, 1874: 158 (syn. Horváth, 1876a: 726). LT (Péricart, 1998c: 7): ♀, IT, Liguria, Legnano; MCSN.

Distr. EU: AU BE BH BU BY CR CZ DE EK EN ET FI FR GE HU IT MD NL NR PL RO RU (CT NT ST) SK SP SV SZ UK YU. AS: AB AK AR AT GG KI RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.).

Subgenus *Plinthisus* Stephens, 1829

Ref.: Péricart, 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); Wagner, 1963c (rev.).

***Plinthisus angulatus* Horváth, 1876**

Plinthisus (*Plinthisus*) *angulatus* Horváth, 1876b: 81. LT (Péricart, 1996a: 153): ♂ (brach.), IN; MCSN.

Plinthisus humilis Horváth, 1886b: 219 (syn. Péricart, 1996a: 155). LT (Scudder, 1970b: 201): ♂, IS, "Kaifa" [= Haifa]; HNHM.

Distr. EU: GR IT?. NA: AG? LB. AS: AT CY IN IQ IS LE SI SY.

Note: The records from UK, RU (ST), AK, and AR are erroneous.

***Plinthisus autrani* Horváth, 1898**

Plinthisus autrani Horváth, 1898a: 152. LT (Scudder, 1970b: 198): ♂, AG, Msila forest; HNHM.

Distr. NA: AG.

Note: Possibly a synonym of *P. brevipennis* (see Péricart, 1999b: 126).

***Plinthisus brevipennis* (Latreille, 1807)**

Lygaeus brevipennis Latreille, 1807: 123. ST(S): brach., FR; lost?

Pachymerus bidentulus Herrich-Schaeffer, 1840b: 31 (syn. Horváth, 1875: 60). ST(S): macr., GE, Erlangen; lost.
Pachymerus bidenticulatus A. Costa, 1853: 27 (syn. Puton, 1884a: 149). LT (Péricart in Carapezza et al., 1995: 284): ♀ (macr.), IT, Naples; ZIUN.
Plinthisus longipennis Ferrari, 1874: 157 (syn. Horváth, 1876a: 735). STS: IT, Piemonte, Stazzano, Serravalle Scrivia; MCSN?
Plinthisus breviceps Blöte, 1926: 110. Lapsus.
Plinthisus maderi Lindberg, 1924: 40 (syn. Péricart, 1997b: 483). LT (Péricart, 1997a: 65): ♂ (brach.), AU, Hainburg; MZHF.
Plinthisus (Plinthisus) pseudoconvexus Wagner, 1963c: 146 (syn. Péricart, 1997b: 483). HT: ♂ (brach.), IT, Sardinia, Lanusei; ZMUH.
Distr. EU: AL AN AU BE BH BU CR CZ DE FI FR GB GE GR HU IR IT LS LU MC MD NL NR PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG CI? MO MR? TU. AS: AB IN IS KI TD.
Note: The citation from BY is erroneous.

***Plinthisus canariensis* Wagner, 1963**

Plinthisus angulatus (non Horváth, 1876): Lindberg, 1936: 27. Misidentification!
Plinthisus (Plinthisus) canariensis Wagner, 1963c: 142. HT: ♂, CI, Tenerife, Las Mesas; ZMUH.
Distr. NA: CI MR.

***Plinthisus cautus* Popov, 1965**

Plinthisus (Plinthisus) horvathi Popov, 1964: 701 (junior primary homonym of *Plinthisus horvathi* Saunders, 1878). LT (Popov, 1965: 220, 221, as HT; locality indicated here): ♂, KI, Fergana Range, Karasu River, 3 km downstream of Kenkol-Say; ZMAS.
Plinthisus (Plinthisus) cautus Popov, 1965: 219. New name for *horvathi* Popov, 1964.
Distr. AS: IN KI TD TM.

***Plinthisus convexus* Fieber, 1864**

Plinthisus convexus Fieber, 1864: 214. ST(S): ♂, RU (ST), "Sarepta" [= Krasnoarmeysk nr Volgograd]; lost?
Distr. EU: CR FR? GR PO? RU (ST). AS: AB AT IS.
Ref.: Horváth, 1876a (subg. *Plinthisus*).

***Plinthisus coracinus* Horváth, 1876**

Plinthisus (Plinthisus) flavipes var. *coracinus* Horváth, 1876a: 733 (upgraded by Horváth, 1886b: 220, 221). LT (Péricart, 1996a: 154): ♀ (macr.), GR, Kefallinia; BMNH!
Distr. EU: AL BH BU CR GR IT. AS: AT.

***Plinthisus flavipes* Fieber, 1861**

Plinthisus flavipes Fieber, 1861a: 178. LT (Péricart, 1998c: 9): ♂ (brach.), IT, Sicily; MNHN.
Distr. EU: GR? IT SP?
Ref.: Horváth, 1876a (subg. *Plinthisus*).

***Plinthisus lepineyi* Vidal, 1940**

Plinthisus lepineyi Vidal, 1940: 443. HT: ♂ (macr.), MO, High Atlas, Djebel Toubkal; ICRM?
Distr. EU: SP. NA: MO.
Ref.: Wagner, 1963c (subg. *Plinthisus*).

***Plinthisus longicollis* Fieber, 1861**

?*Pachymerus brevipennis* (non Latreille, 1807): A. Costa, 1847a: 35. Misidentification.

Plinthisus longicollis Fieber, 1861a: 178. ST(S): IT; lost.
Plinthisus flavipes var. *brevicollis* Ferrari, 1874: 157 (syn. Horváth, 1876a: 731; restored by Josifov, 1987: 6; syn. Péricart, 1997b: 484). LT (Péricart, 1998c: 7): ♀ (brach.), IT, Piemonte; MCSN.
Plinthisus pubescens Ferrari, 1874: 157 (syn. Horváth, 1876a: 731). LT (Péricart, 1998c: 7): ♀ (brach.), IT, Piemonte, Stazzano; MCSN.
Plinthisus hungaricus Horváth, 1875: 59 (syn. Péricart, 1999b: 135, suspected). STS: HU; lost?
Plinthisus (Plinthisus) convexus (non Fieber, 1864): Horváth, 1876a: 729. Misidentification (see Horváth, 1886b: 218).
Plinthisus hungaricus var. *globosus* Horváth, 1886b: 218. ST(S): no locality given.
Plinthisus elongatus Horváth, 1886b: 218 (syn. Josifov, 1987: 6, with *brevicollis* Ferrari). LT (Scudder, 1970b: 200): ♂, GR, Attica; HNHM.
Distr. EU: AL BH BU CR CZ ET FR GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. NA: AG MO TU. AS: AB AK AR AT CY GG IN IS KI SY TD TM.
Note: This group forms a "complex" with apparently a cline from the western *longicollis* (N Africa, W Europe) to the eastern *hungaricus* (Central Europe and eastern countries). For discussion about the case, see Péricart (1999b: 135, 137 and map included).

***Plinthisus major* Horváth, 1876**

Plinthisus (Plinthisus) major Horváth, 1876b: 81. LT (Scudder, 1970b: 202): ♂ (brach.), AG, "Geryville" [= El Bayadh]; MNHN.
Distr. EU: GR IT PO SP. NA: AG TU. AS: AT.

***Plinthisus marginatus* Ferrari, 1874**

Plinthisus marginatus Ferrari, 1874: 158. LT (Péricart, 1998c: 7): ♂ (brach.), IN; MCSN.
Plinthisus horvathi Saunders, 1877b: 104 (syn. Puton, 1886a: 94). LT (Scudder, 1967b: 268): ♂ (macr.), AT, "Besika Bay"; BMNH.
Distr. EU: GR RU (ST). AS: AB AR AT CY GG IN IS SY TM? UZ.
Ref.: Reuter, 1913 (macr.); Wagner, 1963c (subg. *Plinthisus*).

***Plinthisus mehadiensis* Horváth, 1881**

Plinthisus mehadiensis Horváth, 1881: 40. ST(S) (see Scudder, 1970b: 202; Péricart, 1996a: 155): RO, prov. Banat, Mehádia; lost?
Plinthisus balcanicus Wagner, 1964b: 255 (syn. Péricart, 1997b: 484). HT: ♂, CR, Sturany, nr "Zara" [= Zadar]; ZMUH.
Distr. EU: AL BH BU CR GR MC RO. AS: AT IS.
Ref.: Horváth, 1886a (subg. *Plinthisus*).

***Plinthisus obsoletus* Horváth, 1886**

Plinthisus (Plinthisus) obsoletus Horváth, 1886b: 219. LT (Scudder, 1970b: 202): ♂, IS, "Kaifa" [= Haifa]; HNHM.
Distr. AS: AT IN IS LE SY.

***Plinthisus putoni* Horváth, 1876**

Plinthisus putoni Horváth, 1876b: 81. LT (Scudder, 1970b: 204): ♀, FR, Béziers; MNHN.
Plinthisus putoni var. *coarctatus* Horváth, 1876b: 81. LT (Scudder, 1970b: 204): ♂, AG, Biskra; MNHN.
Plinthisus (Plinthisus) putoni var. *eremica* Wagner, 1963c: 135 (unavailable name). HT: ♂, AG, Biskra.
Distr. EU: FR GR IT PO SP SZ. NA: AG MO TU. AS: AB.

Ref.: Horváth, 1876a (subg. *Plinthisus*).

Note: The records from UK are erroneous.

Plinthisus incertae subgeneris

***Plinthisus hebeiensis* Zheng, 1981**

Plinthisus hebeiensis Zheng in Zheng & Zou, 1981a: 119, 591. HT: ♂, CH (NO), Hebei, Mt Wu-ling, Xing-long; NKUM.

Distr. AS: CH (NO).

Note: Probably belongs to the subgenus *Dasythisus*.

***Plinthisus hirtus* Zheng, 1981**

Plinthisus hirtus Zheng in Zheng & Zou, 1981b: 154, 163. HT: ♂, CH (WP), Xizang, Chagyad, Ji-tang; IZAS.

Distr. AS: CH (WP).

Note: Probably belongs to the subgenus *Dasythisus*.

***Plinthisus maculatus* (Kiritshenko, 1931)**

Locutius maculatus Kiritshenko, 1931b: 364, 376. HT: ♂, India, W Bengal, Darjeeling; BMNH.

Distr. AS: CH (SW). EL: India.

Ref.: Scudder, 1962c (*Plinthisus*); Zheng & Zou, 1981a.

***Plinthisus patruelis* Horváth, 1914**

Plinthisus patruelis Horváth, 1914: 637. LT (Scudder, 1970b: 203): ♂, TA, Takao; HNHM.

Distr. AS: CH TA.

Ref.: Esaki, 1926; Zheng & Zou, 1981a.

***Plinthisus scutellatus* Zheng, 1981**

Plinthisus scutellatus Zheng in Zheng & Zou, 1981a: 117, 591. HT: ♀, CH (SW), Sichuan, Bao-xing; NKUM.

Distr. AS: CH (SW).

***Plinthisus yunnanus* Zheng, 1981**

Plinthisus yunnanus Zheng in Zheng & Zou, 1981a: 118, 592. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Meng-yang; IZAS.

Distr. AS: CH (SW).

Tribe RHYPAROCHROMINI Amyot & Serville, 1843

RHYPAROCHROMINI Amyot & Serville, 1843: 251 (Rhyparochromides). Type genus:

Rhyparochromus Hahn, 1826 (see J.A. Slater & China, 1961: 344).

BEOSARIA Stål, 1872: 54. Type genus: *Beosus* Amyot & Serville, 1843.

DIEUCHINI Barber, 1958: 194 (syn. J.A. Slater, 1964a: 1186). Type genus: *Dieuches* Dohrn, 1860.

Ref.: Péricart, 1999c (monogr.); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

Note: In this tribe a group of taxa, essentially Westpalaeartic, belonging informally to the "*Rhyparochromus* complex" are considered in recent works either as generic, or subgeneric within the genus *Rhyparochromus*. This group contains, with some variations: *Aellopideus*, *Callistonotus*, *Graptopeltus*, *Liolobus*, *Microtomideus*, *Panaorus*, *Plinthurgus*, *Ragliodes*, *Raglius*, *Rhyparochromus* s.str., and *Xanthochilus*. As the whole group needs a revision at worldwide level, in the present catalogue, having in view its practical use, all of these entities are treated as genera, even when originally described as subgenera. Under references for the main work(s) is indicated how they are included in these.

Genus *Acroraglius* Wagner, 1961

Acroraglius Wagner, 1961c: 85. Type species by monotypy: *Acroraglius dentatus* Wagner, 1961.

Acroraglius dentatus Wagner, 1961

Acroraglius dentatus Wagner, 1961c: 85. HT: ♂!, Chad, nr Moundou; ZMUH.

Distr. AS: SA YE. EL: Chad, Sudan.

Genus *Aellopideus* Seidenstücker, 1963

Aellopideus Seidenstücker, 1963b: 423, 427 (as subgenus of *Rhyparochromus*; upgraded here). Type species by monotypy: *Rhyparochromus nigrinus* Seidenstücker, 1963.

Ref.: J.A. Slater, 1964a (World cat., subg.); Péricart, 1999c (monogr., subg.).

Aellopideus nigrinus (Seidenstücker, 1963)

Pachymerus (*Microtomideus*) *moerens* Reuter, 1885b: 221 (junior primary homonym of *Pachymerus moerens* Germar, 1838). LT (Péricart, 1997a: 67): ♂, SY; MZHF.

Rhyparochromus (*Aellopideus*) *nigrinus* Seidenstücker, 1963b: 423. New name for *moerens* Reuter, 1885.

Distr. AS: AT IN IS SY.

Ref.: Wagner, 1961d (*Rhyparochromus*).

Genus *Aellopus* Wolff, 1811

Aellopus Wolff, 1811: 198. Type species by subsequent designation (Schumacher, 1922: 338): *Lygaeus aterrimus* Fabricius, 1798 (= *Cimex atratus* Goeze, 1778).

Microtoma Laporte, 1833: 33 (syn. McAtee & Malloch, 1923: 162). Type species by monotypy: *Lygaeus echii* Panzer, 1799 (= *Cimex atratus* Goeze, 1778).

Polyacanthus Laporte, 1833: 83. Unnecessary new name for *Microtoma* Laporte, 1833.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1958a (larva), 1969a (monogr.); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

Aellopus atratus (Goeze, 1778)

Cimex atratus Goeze, 1778: 268. For *Cimex* No. 53 in Geoffroy, 1762: 460. ST(S): FR, nr Paris; lost.

Cimex atramentarius Geoffroy in Fourcroy, 1785: 211. Objective synonym of *Cimex atratus* Goeze, 1778.

Cimex carbonarius Rossi, 1790: 244 (syn. Illiger in Rossi, 1807: 380, with *atramentarius*). ST(S): IT, "Etruria"; lost?

Lygaeus aterrimus Fabricius, 1798: 541 (syn. Illiger in Rossi, 1807: 380, with *atramentarius*). ST(S): FR; lost.

Lygaeus echii Panzer, 1799: 22 (syn. Latreille, 1804: 215). ST(S): GE; lost?

Lygaeus ater Thunberg, 1822a: 3 (syn. Stål, 1855c: 347). ST(S): South Africa, Cape of Good Hope (in error); UZIU?

Pachymerus carbonarius var. *nitidus* Kolenati, 1857: 497. LT (designated here): ♀, RU (ST), Orenburg; NHMW.

Microtoma atrata var. *opacipennis* Reuter, 1885b: 221.

Distr. EU: AN AU BE BH BU CR CZ EK ET FR GE GR HU IT LU MA MC MD NL PL PO RO RU (CT ST) SK SL SP SZ UK YU. NA: AG EG LB MO TU. AS: AB AK AR AT CY GG IN IS KI RU (WS) SY TD TM UZ.

Ref.: Seidenstücker, 1963b (♂ genitalia).

Aellopus praeustus (Jakovlev, 1904)

Microtoma praeusta Jakovlev, 1904b: 23. LT (Péricart, 1998b: 125): ♂, KI, Alai Mts; ZMAS.

Distr. AS: KI.

***Aellopus sumulailu* Linnavuori, 1984**

Aellopus sumulailu Linnavuori, 1984: 16. HT: ♂, IQ, Irbil, nr Salahuddin; NMWC.
Distr. AS: IN IQ.

***Aellopus syriacus* (Reuter, 1885)**

Microtoma syriaca Reuter, 1885b: 220. LT (Péricart, 1997a: 68): ♂, IS, "Kaifa"
[= Haifa]; MZHF.
Distr. NA: AG CI TU. AS: CY IN IS SI.

Genus *Beosus* Amyot & Serville, 1843

Beosus Amyot & Serville, 1843: 254. Type species by subsequent designation (Opinion 249, 1954): *Cimex maritimus* Scopoli, 1763.

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

***Beosus maritimus* (Scopoli, 1763)**

?*Cimex cinereus* Poda, 1761: 59 (syn. Scopoli, 1763: 129). ST(S): AU, Graecium
[= Graz]; lost.

Cimex maritimus Scopoli, 1763: 129. ST(S): IT, nr Trieste ("circa litora maris
Adriatici"); lost.

Lygaeus luscus Fabricius, 1794: 165 (syn. Reuter, 1888a: 208). LT (Péricart, 1999d:
82): ♀, GE; ZMUC.

Lygaeus quadratus (non Fabricius, 1798): Panzer, 1803b: 11. Misidentification (see
Reuter, 1888a: 207).

Ischnotarsus sphragadimium Fieber, 1861a: 192 (syn. Puton, 1875a: 26). STS: ♀, FR
(south) and SP; lost?

Rhyparochromus luscinus Walker, 1872: 93 (syn. Horváth, 1899c: 278). LT (Scudder,
1967b: 271): ♀, MR; BMNH.

Beosus luscus var. *buyssoni* Montandon, 1889: 292. STS: FR, Brout-Vernet and
Toulouse; MGAB (1 ST?).

Distr. EU: AL AU BE BH BU CR CZ EK ET FR GB GE GR HU IT LS LU MA MC
MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG CI MO MR
TU. AS: AB AR AT CY GG IN IS TM.

Ref.: Messthaler, 1977 (biol., larvae); Woodroffe, 1957, 1958 (biol.).

***Beosus quadripunctatus* (Müller, 1766)**

Cimex quadripunctatus Müller, 1766: 191. ST(S): IT, Piemonte, nr Torino; lost.

Aphanus erythropterus Brullé, 1832: 75 (syn. Fieber, 1861a: 192). ST(S): GR; MNHN?

Pachymerus pulcher Herrich-Schaeffer, 1835a: 44, 79 (syn. Horváth, 1875: 78, with
erythropterus). ST(S): IT; lost.

Pachymerus ibericus Kolenati, 1845: 79 (syn. Baerensprung, 1860: 9, with *pulcher*).
LT (designated here): ♀, GG, Tiflis [= Tbilisi]; NHMW.

Beosus quadripunctatus f. *nigripes* Tamanini, 1946: 11. ST(S): IT, Brindisi; MCRI.

Beosus quadripunctatus var. *ochraceus* Wagner, 1949c: 7. LT (Péricart, 1999c: 223, as
HT): ♂, IT, nr Roma, Maccarese; ZMUH.

Distr. EU: AL BH BU CR ET FR GR HU IT MC MD RO RU (ST) SL SP SZ UK YU.
NA: CI TU. AS: AB AK AF AR AT CY GG IN IQ IS JO KI SY TD TM UZ.

Genus *Callistonotus* Horváth, 1906

Callistonotus Horváth, 1906b: 181. Type species by monotypy: *Rhyparochromus nigroruber*
Stål, 1858.

Ref.: Péricart, 1999c (monogr., subg.); Seidenstücker, 1963b (subg.); J.A. Slater, 1964a
(World cat., subg.); Stichel, 1959 (monogr., genus); Wagner, 1961d (rev., genus).

***Callistonotus nigroruber* (Stål, 1859)**

Rhyparochromus nigroruber Stål, 1859: 440. ST(S): ♀, CY; lost?

Rhyparochromus princeps Dohrn, 1860b: 160 (syn. Puton, 1886a: 29). ST(S): CY; lost.

Distr. EU: GR IT. AS: AB AT CY IS.

Ref.: Horváth, 1906b (*Callistonotus*); Lindberg, 1948 (distr.).

Genus *Caprochromus* Scudder, 1968

Caprochromus Scudder, 1968b: 578. Type species by original designation: *Pachymerus moerens* Germar, 1838, South Africa.

***Caprochromus brevis* (Lethierry, 1883)**

Pachymerus brevis Lethierry, 1883: 746. HT: ♀, Ethiopia, "Let-Marefià"; MCSN.

Distr. AS: YE. EL: Ethiopia, Sudan.

Genus *Caridops* Bergroth, 1894

Caridops Bergroth, 1894e: 158. Type species by monotypy: *Caridops gibbus* Bergroth, 1894, India.

Maramaldus Distant, 1909a: 333 (syn. Scudder, 1962c: 765). Type species by monotypy:

Maramaldus admistus Distant, 1909, India.

Marmaldus Scudder, 1957d: 155. Lapsus.

Ref.: Scudder, 1957d (in "Plociomerina" [= *Myodochini*]); J.A. Slater, 1964a (World cat.);

J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Sweet, 1967 (in *Rhyparochromini*);

Zheng & Zou, 1981a (monogr.).

***Caridops albomarginatus* (Scott, 1874)**

Gyndes albomarginatus Scott, 1874: 437. LT (Scudder, 1967b: 256): ♀, JA; BMNH.

Distr. AS: CH (CE SE SW) JA KO.

Ref.: Distant, 1883 (*Pamera*), 1901b (*Eucosmetus*); J.A. Slater, 1964a (*Eucosmetus*);

Zheng & Zou, 1981a (*Caridops*).

***Caridops globosus* Zheng, 1981**

Caridops globosus Zheng in Zheng & Zou, 1981a: 189, 609. HT: ♀, CH (SW),

Yunnan, Xishuangbanna, Jing-hong; IZAS.

Distr. AS: CH (SW).

***Caridops pseudadmistus* Zheng, 1981**

Caridops pseudadmistus Zheng in Zheng & Zou, 1981a: 188, 609. HT: ♀, CH (CE),

Hubei, Fang-xian; NKUM.

Distr. AS: CH (CE SW).

***Caridops rufescens* Zheng, 1981**

Caridops rufescens Zheng in Zheng & Zou, 1981a: 187, 608. HT: ♂, CH (SW),

Yunnan, Xishuangbanna, Mt Bu-lang; NKUM.

Distr. AS: CH (SE SW).

***Caridops spiniferus* Zheng, 1981**

Caridops spiniferus Zheng in Zheng & Zou, 1981a: 186, 607. HT: ♀, CH (SE),

Guangxi, Longzhou; TMNH.

Distr. AS: CH (SE SW).

Genus *Dieuches* Dohrn, 1860

Dieuches Dohrn, 1860b (June): 159. Type species by subsequent designation (Distant, 1903a: 82): *Dieuches syriacus* Dohrn, 1860.

Ischnotarsus Fieber, 1860 (November): 50; 1861a: 191 (syn. Fieber, 1861a: 388). Type species (designated here): *Ischnotarsus melanotus* Fieber, 1861 (= *Dieuches syriacus*)

Dohrn, 1860).

Critobulus Distant, 1903a: 77 (syn. Kirkaldy, 1909a: 31). Type species by original designation: *Critobulus insignis* Distant, 1903, Oriental Region.

Abanus Distant, 1909b: 493 (syn. Scudder, 1962c: 766). Type species by monotypy:

Abanus coloratus Distant, 1903, India.

Maxaphanus Distant, 1918a: 265 (syn. Scudder, 1962c: 766). Type species by monotypy:

Maxaphanus africanus Distant, 1918.

Ref.: Eyles, 1973 (monogr.); Hidaka, 1963b (JA); Péricart, 1999c (monogr.);

Scudder, 1957d (in "Rhyparochromina"); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr.).

Note: *Dieuches patruelis* Stål, 1855, an afrotropical species quoted from IT by Teodoro (1941: 30) is not included in this Catalogue.

***Dieuches africanus* (Distant, 1918)**

Maxaphanus africanus Distant, 1918a: 265. LT (Scudder, 1967b: 256): ♂, "Nyasaland" [= Malawi], Mlanje; BMNH.

Dieuches loennbergi Bergroth, 1920: 6 (syn. Scudder, 1962c: 766). STS: ♂, ♀, British East Africa [= Kenya]; NHRS.

Distr. AS: YE. EL: tropical Africa.

Ref.: Scudder, 1962c (*Dieuches*).

***Dieuches albomarginatus* (Uhler, 1860)**

Pachymerus albomarginatus Uhler, 1860: 227. HT: ♀, JA, Takanosima; USNM.

Distr. AS: JA.

Ref.: Eyles, 1973 (*Dieuches*); Oshanin, 1906 (*Aphanus*).

***Dieuches alternatus* Horváth, 1889**

Dieuches alternatus Horváth, 1889c: 36 (syn. Distant, 1903a: 84, with *femoralis* Dohrn; raised from synonymy by Eyles, 1973: 45, 89). LT (Scudder, 1970b: 198): ♀, India, Kashmir; HNHM.

Dieuches femoralis (non Dohrn, 1860): Distant, 1903a: 84 (partly). Misidentification (see Eyles, 1973: 89).

Distr. AS: CH (SW WP). EL: N India.

***Dieuches armatipes* (Walker, 1872)**

Rhyparochromus armatipes Walker, 1872: 91. HT (see Scudder, 1967b: 257; Eyles, 1973: 103): America (in error; Senegal, Dakar designated as type locality by Eyles, 1973: 103); BMNH.

?*Dieuches ragusae* Puton in Ragusa, 1875: 255 (syn. Eyles, 1973: 99, suspected). STS: IT, Pantelleria Is.; ZIUP?

Dieuches armipes (non Fabricius, 1794): auct.

Distr. EU: FR? IT MA PO SP. NA: AG EG MO TU. AS: SA YE. EL: Antilles, Pakistan, tropical Africa.

Ref.: J.A. Slater, 1964a (partly); Stichel, 1959 (*armipes*).

Note: See note under *armipes*.

***Dieuches armipes* (Fabricius, 1794)**

Lygaeus armipes Fabricius, 1794: 164. LT (Scudder, 1962e: 418; Eyles, 1973: 111): ♂, IQ, Baghdad; ZMUC.

Dieuches leucoceras (non Walker, 1872): Distant, 1903a: 83 (partly). Misidentification (see Eyles, 1973: 108).

?*Dieuches schmitzi* (non Reuter, 1893): auct.

Distr. AS: IN IQ KU SA. EL: W Pakistan.

Ref.: J.A. Slater, 1964a (partly).

Note: The names *armatipes* and *armipes* were mixed in the literature prior to Eyles (1973). Following this author, most references to *armipes* in J.A. Slater's Catalogue (1964a) concern *armatipes*. Some confusion also persists with *schmitzi*.

***Dieuches breviceps* Eyles, 1973**

Aphanus leucoceras (non Walker, 1872): Bergroth, 1915: 173. Misidentification (see Eyles, 1973: 119).

Dieuches breviceps Eyles, 1973: 45, 119. HT: ♀, Australia, N Queensland, Homestead, Silver Plains, via Coen; Queensland Museum, Brisbane, Australia.

Distr. AS: CH (SE). **EL:** Australia, India, Indonesia, Vietnam.

***Dieuches chinensis* (Dallas, 1852)**

Rhyparochromus chinensis Dallas, 1852: 566. LT (Scudder, 1967b: 260) ♂, CH (SE), Hong Kong; BMNH.

Distr. AS: CH (SE).

Ref.: Dohrn, 1860b (*Dieuches*); Zheng & Zou, 1981a.

***Dieuches coenosus* (Stål, 1865)**

Beosus coenosus Stål, 1865: 172. LT (Scudder, 1976: 30): ♀ [not ♂], South Africa, "Caffraria"; NHRS.

Beosus hoplitus Gerstaecker, 1892: 49 (syn. Eyles, 1973: 124). LT (Eyles, 1973: 128): ♂, Tanzania, Kihongo; ZMHU.

Dieuchus longicornis Mancini, 1948: 226 (syn. Eyles, 1973: 124). HT: ♂, Somalia, Belet Amin, MCSN.

Distr. AS: SA YE. **EL:** tropical Africa (widespread).

Ref.: Stål, 1874a (*Dieuches*).

***Dieuches divergens* Eyles, 1973**

Dieuches divergens Eyles, 1973: 45, 146, 151. HT: ♀, CH (SE), Pader; BMNH.

Distr. AS: CH (SE).

***Dieuches feai* Eyles, 1973**

Dieuches feai Eyles, 1973: 174. HT: ♂, Burma, Palon (Pegu); BMNH.

Distr. AS: CH (SW: Yunnan). **EL:** Burma, Thailand.

***Dieuches forbesii* (Kirkaldy, 1899)**

Aspilocoryphus forbesii Kirkaldy, 1899b: 46. LT (Scudder, 1967b: 266): ♀, YE, Socotra, Jeanagahan; BMNH.

Distr. AS: YE.

Ref.: Distant, 1901b (*Dieuches*); Kirkaldy, 1903c.

***Dieuches formosus* Eyles, 1973**

Dieuches formosus Eyles, 1973: 45, 158, 182. HT: ♂, CH (SW), Sichuan, Suifu; USNM.

Distr. AS: CH (SE SW).

Ref.: Zheng & Zou, 1981a (as *femoralis*).

***Dieuches japonicus* Hidaka & Eyles, 1968**

Dieuches fuscous Hidaka, 1963b: 172 (treated as junior primary homonym of *Dieuches fuscus* Reuter, 1887; see note). HT: ♀, JA, Honshu, Shizuoka Pref., Fukuroi, Araike; KUEC.

Dieuches japonicus Hidaka & Eyles, 1968: 337. New name for *fuscous* Hidaka, 1963.

Distr. AS: JA. **EL:** Indonesia, Malaysia, Thailand.

Note: Under the Code, *fuscous* and *fuscus* are not homonyms.

***Dieuches kansuensis* Lindberg, 1934**

Dieuches kansuensis Lindberg, 1934a: 26. LT (Eyles, 1973: 213): ♂, CH (NO),

- S Gansu; NHRS.
Distr. AS: CH (SW WP).
Ref.: Eyles, 1973 (redescr.); Zheng & Zou, 1981a.
- Dieuches mucronatus* (Stål, 1865)**
Beosus mucronatus Stål, 1865: 168. LT (Scudder, 1976: 33): ♂, Sudan, "Nubia superior"; NHRS.
Dieuchus pallidulus Distant, 1903a: 85 (syn. Eyles, 1973: 264). LT (Scudder, 1967b: 276): ♀, Pakistan, Sind; BMNH.
Distr. NA: AG EG LB MO. AS: IN IS SA SI YE. EL: Pakistan, tropical Africa (Chad, Ethiopia, Senegal, Somalia, Sudan).
- Dieuches opaciclavus* Eyles, 1973**
Dieuches opaciclavus Eyles, 1973: 283. HT: ♂, Somalia, Malka Re [= Malca Rie]; MRAC.
Distr. AS: YE. EL: Ethiopia, Kenya, Somalia, Uganda.
- Dieuches parvimaculatus* Tomokuni, 1993**
Dieuches parvimaculatus Tomokuni, 1993: 65. HT: ♂, JA, Kochi, Ootsuki-cho, Kashiwajima; NSMT.
Distr. AS: JA.
- Dieuches schmitzi* Reuter, 1893**
Rhyparochromus luscus (non Fabricius, 1794): Walker, 1872: 86. Misidentification (see Eyles, 1973: 336).
Dieuches schmitzi Reuter, 1893: 215. LT (Péricart, 1997a: 67): ♂, MR; MZHF.
Distr. NA: CI EG MO MR. AS: BA IN IQ SA. EL: Cabo Verde Is., Guinea, Senegal.
Ref.: Lindberg, 1953, 1959 (biol., distr.).
- [*Dieuches semidolens* (Walker, 1870)
Rhyparochromus semidolens Walker, 1870: 2378. STS: Sudan ("Hor Tamanib" nr Suakin) and Eritrea ("Harkeko" nr Mitsiwa); lost?
Distr.: Eritrea, Sudan
Note: Doubtfully a *Dieuches*, according to Walker himself. The type localities were sometimes misinterpreted as lying in EG.]
- Dieuches siamicus* (Walker, 1872)**
Rhyparochromus siamicus Walker, 1872: 102 (syn. Distant, 1903a: 84, with *femoralis* Dohrn; restored by Scudder, 1967b: 280). HT (see Scudder, 1967b: 280): ♀ [not ♂], "Siam" [= Thailand]; BMNH.
Distr. AS: CH (SE SW) JA. EL: Thailand.
Ref.: Eyles, 1973 (redescr.); Zheng & Zou, 1981a (as *femoralis*).
- Dieuches similis* Mancini, 1948**
Dieuches similis Mancini, 1948: 224. LT (Péricart, 1999d: 84): ♂, Somalia, Vittorio; MCSN.
Distr. AS: SA YE. EL: tropical Africa (Chad, Ethiopia, Sudan).
- Dieuches syriacus* Dohrn, 1860**
Dieuches syriacus Dohrn, 1860b: 159. STS: CY and LE (Beyrouth); lost.
Ischnotarsus melanotus Fieber, 1861a: 192 (syn. Fieber, 1861a: 388). STS: GR, AT and SY; lost?
Distr. EU: ET GR. NA: EG TU. AS: AT CY IN IS JO LE SA SI SY YE. EL: Pakistan, tropical Africa (Chad, Somalia, Sudan).
Ref.: Çagatay, 1988 (♂ genitalia); Lindberg, 1948 (biol.).

***Dieuches uniformis* Distant, 1903**

Dieuches uniformis Distant, 1903a: 84. LT (Scudder, 1967b: 283): ♀, "Ceylon" [= Sri Lanka], Yatiyantota; BMNH.

Distr. AS: CH (CE SE) JA TA. EL: India, Laos, Nepal, Philippines, Sri Lanka, Thailand, Vietnam.

Ref.: Zheng & Zou, 1981a.

Genus *Distadieuches* Scudder, 1968

Distadieuches Scudder, 1968b: 582. Type species by original designation: *Pachymerus crudelis* Haglund, 1895.

Ref.: J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

***Distadieuches crudelis* (Haglund, 1895)**

Pachymerus crudelis Haglund, 1895: 462. ST(S): ♂, Gabon; not located.

Lachnophoroides rudolfianus Distant, 1918a: 262 (syn. Scudder, 1968b: 583). LT (Scudder, 1967b: 279): ♂, Sudan, Kaig; BMNH.

Distr. AS: YE. EL: Ethiopia, West Africa, Sudan, Zimbabwe.

Ref.: Scudder, 1968b (*Distadieuches*); J.A. Slater, 1967 (*Dieuches*).

Note: Linnavuori (1978, 1989a) does not retain the synonymy of *rudolfianus* with *crudelis*.

Genus *Elasmolomus* Stål, 1872

Elasmolomus Stål, 1872: 58. Type species by subsequent designation (Oshanin, 1912: 37):

Cimex sordidus Fabricius, 1787 (= *Cimex squalidus* Gmelin, 1790).

Ref.: J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Stål, 1874a (subg. of *Pachymerus*).

***Elasmolomus biseriatus* Scudder, 1967**

Elasmolomus biseriatus Scudder, 1967b: 198, 209. HT: ♂, Uganda, Bussu; MCSN?

Distr. AS: YE. EL: tropical Africa.

***Elasmolomus mahfid* Linnavuori & Al Safadi, 1993**

Elasmolomus mahfid Linnavuori & Al Safadi, 1993: 27. HT: ♂, YE, Abyan, Al Mahfid; NMWC.

Distr. AS: YE.

***Elasmolomus squalidus* (Gmelin, 1790)**

Cimex sordidus Fabricius, 1787: 302 (junior primary homonym of *Cimex sordidus* Goeze, 1778, Coreidae or Reduviidae and *Cimex sordidus* Thunberg, 1784, Coreidae). LT (Péricart, 1999d: 84): ♀, India, "Tranquebaria"; ZMUC.

Cimex squalidus Gmelin, 1790: 2177. New name for *sordidus* Fabricius, 1787.

Rhyparochromus pallens Dallas, 1852: 567 (syn. Distant, 1901b: 501). ST(S): India, N Bengal; lost (see Scudder, 1967b: 276).

Aphanus fallaciosus Matsumura, 1906: 34 (syn. Hidaka, 1964b: 379, with *sordidus*). ST(S): ♂, JA, Ryukyus, Okinawa; EIHU.

Aphanus littoralis Distant, 1918a: 262 (syn. Corby, 1947: 609). LT (Scudder, 1967b: 271): ♀, Sudan, Blue Nile; BMNH.

Distr. AS: CH (SE SW) JA TA. EL: Oriental Region, tropical Africa.

Ref.: Hoffman, 1932 (biol); Stål, 1872 (*Elasmolomus*); Zheng & Zou, 1981a.

Note: J.A. Slater & O'Donnell (1995: 172) substituted the junior primary homonym *sordidus* Fabricius, 1787 with *pallens* Dallas, 1852, but *squalidus* Gmelin, 1790 has priority. Of the two *Cimex squalidus* established by Gmelin on page 2177 and 2192, respectively, the first one is a senior homonym, because the second one was replaced with *Cimex annularis* O'Reilly, 1813.

***Elasmolomus transversus* (Signoret, 1861)**

Rhyparochromus transversus Signoret, 1861: 950. ST(S): Madagascar; NHMW?

Distr. AS: YE. EL: tropical Africa; Madagascar.

Ref.: Linnavuori, 1978 (distr.); Stål, 1872 (*Elasmolomus*).

***Elasmolomus v-album* (Stål, 1860)**

Rhyparochromus v-album Stål, 1860b: 247. LT (Scudder, 1976: 35): ♀, Philippines, Manila; NHRS.

Pachymerus nereis Kirkaldy, 1905: 347 (syn. Scudder, 1970a: 99). LT (Scudder, 1967b: 273): ♀, Loyalty Is, Lifu Is.; BMNH.

Elasmolomus insularis Kirkaldy, 1908b: 360 (syn. Gross & Scudder, 1963: 457). ST(S): Fiji Is., Rewa; lost?

Distr. AS: CH (SE SW) JA (Ryukyus!). EL: Pacific Region.

Ref.: J.A. Slater & O'Donnell, 1995 (suppl. World cat., *Elasmolomus*); Stål, 1872 (*Elasmolomus*); Zheng & Zou, 1981a (*Rhyparochromus* subg. *Elasmolomus*).

Genus *Graptopeltus* Stål, 1872

Graptopeltus Stål, 1872: 57 (as subgenus of *Pachymerus*; upgrade by Le Quesne, 1957: 58). Type species by subsequent designation (Oshanin, 1912: 37): *Cimex lynceus* Fabricius, 1775.

Ref.: China, 1943 (subg. of *Rhyparochromus*); Le Quesne, 1957; Péricart, 1999c (monogr., subg. of *Rhyparochromus*); Seidenstücker, 1963b (rev., subg. of *Rhyparochromus*); J.A. Slater, 1964a (World cat.); Stichel, 1925 (subg. of *Calyptonotus*), 1935 (subg. of *Raglius*), 1959 (monogr.); Southwood & Leston, 1959; Wagner, 1961d (rev., subg. of *Rhyparochromus*).

***Graptopeltus lynceus* (Fabricius, 1775)**

Cimex lynceus Fabricius, 1775: 722. LT (Péricart, 1999d: 82): ♂, GB, England; ZMUC. *Cimex collinus* (non Scopoli, 1763): Schrank, 1781: 257. Misidentification (see Reuter, 1888a: 200).

Distr. EU: AL AN AU BE BH BU BY CZ DE EN ET FR GB GE GR HU IT LA LS 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 GG IS.

***Graptopeltus validus* (Horváth, 1875)**

Pachymerus validus Horváth, 1875: 72. NT (Scudder, 1970b: 205): ♀, HU, Péczel; HNHM.

Pachymerus consors Horváth, 1878: 78 (syn. Péricart, 1996c: 347). LT (Scudder, 1970b: 199): ♂, AT, "Brussa" [= Bursa]; HNHM.

Microtoma morio Reuter, 1880: 10 (syn. Reuter, 1885b: 221, with *consors*). HT: ♀, GR, Parnass; MZHF?

Graptostethus validus var. *lethierryi* Montandon, 1889: 291. ST(S): GR, Corfu; MGAB (see Sienkiewicz, 1964: 98).

Distr. EU: AL BH BU FR? GR HU IT MC MD RO RU (ST) SK SL UK YU. AS: AB AR AT GG IN IS JO TM.

Genus *Lachnesthus* Bergroth, 1915

Lachnophorus Reuter, 1887: 98. Type species by monotypy: *Lachnophorus guttulatus* Reuter, 1887, Madagascar and tropical Africa.

Lachnophorus: Distant, 1903a: 68; auct. Unjustified emendation; junior homonym of *Lachnophorus* Dejean, 1831, Coleoptera.

Lachnesthus Bergroth, 1915: 178. New name for *Lachnophorus* Reuter, 1887.

Note: A ruling of the International Commission of Zoological Nomenclature is needed to preserve the name *Lachnesthus*.

***Lachnesthus singalensis* (Dohrn, 1860)**

Rhyparochromus singalensis Dohrn, 1860a: 404. ST(S): "Ceylon"[= Sri Lanka]; lost?

Rhyparochromus semilucens Walker, 1872: 99 (syn. Distant, 1903a: 69). HT: ♀, N India; BMNH.

Rhyparochromus convelatus Distant, 1901b: 485 (syn. Distant, 1903a: 69). LT (Scudder, 1967b: 262): ♀, India, Bombay; BMNH.

Lachnophorus cingalensis Maxwell-Lefroy in Maxwell-Lefroy & Howlett, 1909: 322. Incorrect subsequent spelling.

Aphanus nigrellus Distant, 1918b: 264 (syn. Scudder, 1962c: 768). LT (Scudder, 1967b: 274): ♂, Malawi, between Mangochi and Chikala Boma; BMNH.

Rhyparochromus nigellus Lindberg, 1959: 66. Lapsus.

Distr. AS: AF YE. EL: tropical Africa and Asia.

Genus *Liolobus* Reuter, 1885

Liolobus Reuter, 1885b: 219 (as subgenus of *Pachymerus*; upgraded by Scudder, 1962d: 984). Type species by original designation: *Calyptonotus walkeri* Saunders, 1876.

Ref.: Linnavuori, 1989a (key); Péricart, 1999c (monogr., subg. of *Rhyparochromus*); J.A. Slater, 1964a (World cat., subg. of *Rhyparochromus*); Stichel, 1959 (monogr., subg. of *Rhyparochromus*); Wagner, 1961d (subg. of *Rhyparochromus*).

***Liolobus arabicus* (Linnavuori, 1978)**

Elasmolomus arabicus Linnavuori, 1978: 92. HT: ♂, YE (south), Lahej-Dhala road; AMNH.

Distr. AS: YE.

Ref.: Linnavuori, 1989a (*Rhyparochromus* subg. *Liolobus*).

***Liolobus pallidicornis* (Reuter, 1891)**

Aphanus (Liolobus) pallidicornis Reuter, 1891a: 140. LT (Péricart, 1997a: 67): ♀, EG, Suez; MZHF.

Aphanus rufocinctus Distant, 1901b: 501 (syn. Scudder, 1967b: 279). LT (Scudder, 1967b: 279): ♂, YE, Perim Is.; BMNH.

Distr. NA: CI EG. AS: IS YE. EL: Ethiopia, Somalia.

Ref.: Priesner & Alfieri, 1953 (host plant); Stichel, 1959 (*Rhyparochromus* subgenus *Liolobus*); Wagner, 1961d (rev.).

***Liolobus sabulicola* (Linnavuori, 1989)**

Rhyparochromus (Liolobus) sabulicola Linnavuori, 1989a: 21. HT: ♂, YE (south), Lahej-Dhala road; NMWC.

Distr. AS: YE.

***Liolobus walkeri* (Saunders, 1876)**

Calyptonotus walkeri Saunders, 1876b: 221. LT (Scudder, 1967b: 284): ♂, MA; BMNH.

Distr. EU: BH CR GR IT MA. AS: CY.

Ref.: Reuter, 1885b (redescr., *Rhyparochromus* subg. *Liolobus*); Scudder, 1962d (in key, redescr.); Wagner, 1961d (rev.).

Genus *Metochus* Scott, 1874

Metochus Scott, 1874: 433. Type species by monotypy: *Metochus abbreviatus* Scott, 1874.

Methocus Scudder, 1957d: 155. Lapsus.

Ref.: Distant, 1918b (monogr.); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a

(World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Zheng & Zou, 1981a (monogr.).

***Metochus abbreviatus* Scott, 1874**

Metochus abbreviatus Scott, 1874: 434. LT (Scudder, 1967b: 255): ♂, JA; BMNH.

Distr. AS: CH (CE SE SW) JA KO TA. **EL:** India.

Ref.: Distant, 1903a; Hidaka, 1959e (biol.).

***Metochus bengalensis* (Dallas, 1852)**

Rhyparochromus bengalensis Dallas, 1852: 572. LT (Scudder, 1967b: 259): ♂, India, N Bengal; BMNH.

Distr. AS: CH (SE SW). **EL:** Cambodia, Sri Lanka, India.

Ref.: Bergroth, 1915 (*Metochus*).

***Metochus hainanensis* Zheng, 1981**

Metochus hainanensis Zheng in Zheng & Zou, 1981a: 204, 611. HT: ♂, CH (SE), Hainan, Wa-ning; TMNH.

Distr. AS: CH (SE).

***Metochus holsti* Distant, 1918**

Metochus holsti Distant, 1918a: 265. LT (Scudder, 1967b: 268): ♂, JA, Tsushima Is.; BMNH.

Distr. AS: JA.

***Metochus kreyenbergi* (Breddin, 1906)**

Dieuches kreyenbergi Breddin, 1906: 328. LT (Gaedike, 1971: 117; Péricart, 1999d: 81): ♂, CH, "Innere Süd-China, Pinghsiang" [= Guanxi, Pingxiang]; DEIC.

Distr. AS: CH (SE).

Ref.: Zheng & Zou, 1981a (notes).

***Metochus thoracicus* Zheng, 1981**

Metochus thoracicus Zheng in Zheng & Zou, 1981a: 202, 610. HT: ♂, CH (SW), Yunnan, Xichuangbanna, Menghun; IZAS.

Distr. AS: CH (SW).

***Metochus uniguttatus* (Thunberg, 1822)**

Pendulinus uniguttatus Thunberg, 1822a: 6. ST(S): South Africa, Cape of Good Hope (in error); UZIU?

Pendulinus guttatus Thunberg, 1825: 5 (syn. Stål, 1867: 382). ST(S): South Africa, Cape of Good Hope (in error); lost?

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

Ref.: Bergroth, 1915 (*Metochus*); Paiva, 1919 (*Dieuches*); Zheng & Zou, 1981a (notes).

***Metochus yeh* (Dohrn, 1860)**

Dieuches yeh Dohrn, 1860b: 160. ST(S): CH (SE), Hong Kong; lost.

Distr. AS: CH (SE).

Ref.: Breddin, 1906 (redescr., notes); Zheng & Zou, 1981a (notes).

Genus *Microtomideus* Reuter, 1885

Microtomideus Reuter, 1885b: 218, 221 (as subgenus of *Pachymerus*; upgrade by Seidenstücker, 1963c: 89). Type species by original designation: *Rhyparochromus leucodermus* Fieber, 1861.

Ref.: Péricart, 1999c (monogr., subg. of *Rhyparochromus*); Seidenstücker, 1963b (syst. position), 1963c; J.A. Slater, 1964a (World cat., subg. of *Rhyparochromus*); Stichel, 1935 (subg. of *Raglius*); Wagner, 1962.

***Microtomideus armenicus* Seidenstücker, 1963**

Microtoma endyta Kiritshenko, 1918: 94. Nomen nudum.

Microtomideus armenicus Seidenstücker, 1963c: 91. HT: ♂, AR, Erevan; ZMAS.

Distr. AS: AB AR AT.

***Microtomideus carbonarius* (Rambur, 1839)**

Pachymerus carbonarius Rambur, 1839: 148. LT (Scudder, 1967b: 260): ♀, SP, Andalusia; BMNH.

Pachymerus (Microtomideus) dasyncnemis Reuter, 1885b: 221, 223 (syn. Reuter, 1886: 120. LT (Péricart, 1997a: 66): ♂, AG, Alger; MZHF.

Distr. EU: BU? GR IT SP. NA: AG CI? LB MO TU.

Ref.: Seidenstücker, 1963b, 1963c (syst. position); Wagner, 1961d (*Trichaphanus*), 1962 (*Microtomideus*).

***Microtomideus leucodermus* (Fieber, 1861)**

Rhyparochromus leucodermus Fieber, 1861a: 194. STS: IT and SP (Andalusia); lost?

Distr. EU: BU? FR? GR IT MA PO SP YU. NA: AG MO TU.

Ref.: Seidenstücker, 1963c (in key, *Microtomideus*); Wagner, 1961d (*Trichaphanus*), 1962 (*Microtomideus*).

***Microtomideus seidenstuckeri* J.A. Slater, 1964**

Rhyparochromus (Graptopeltus) moerens (non Reuter, 1885): Wagner, 1961d: 107, 115. Misidentification (see Seidenstücker, 1963b: 417).

Rhyparochromus (Microtomideus) tenebrosus Seidenstücker, 1963b: 415 (junior primary homonym of *Rhyparochromus chiragra* var. *tenebrosa* Kiritshenko, 1912). HT: ♂, AT, Pazarcik, Marash; ZSMC.

Rhyparochromus (Microtomideus) seidenstuckeri J.A. Slater, 1964a: 1306. New name for *tenebrosus* Seidenstücker, 1963.

Distr. AS: AT.

Ref.: Seidenstücker, 1963c (in key).

Genus *Naphiellus* Scudder, 1962

Naphiellus Scudder, 1962d: 982. Type species by original designation: *Aphanus latus* Distant, 1903, Burma, India.

Ref.: J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

***Naphiellus irroratus* (Jakovlev, 1889)**

Emblethis irroratus Jakovlev, 1889c: 61 (junior secondary homonym of *Rhyparochromus irroratus* Curtis, 1836). LT (Péricart, 1998b: 124): ♂, RU (ES), Irkutsk; ZMAS.

Rhyparochromus (Panaorus) jakowlewi Seidenstücker, 1967: 262. Unnecessary new name for *irroratus* Jakovlev, 1889 (see Josifov & Kerzhner, 1978: 152).

Distr. AS: AK! CH (NE) MG RU (ES FE WS).

Ref.: Josifov & Kerzhner, 1978 (syst. position); Zheng & Zou, 1981a (*Rhyparochromus (Naphiellus) jakowlewi*).

Genus *Naphius* Stål, 1874

Naphius Stål, 1874a: 180 (as subgenus of *Pachymerus*). Type species by monotypy:

Rhyparochromus apicalis Dallas, 1852.

Ref.: J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

***Naphius apicalis* (Dallas, 1852)**

Rhyparochromus apicalis Dallas, 1852: 562. LT (Scudder, 1967b: 257): ♂, South Africa; BMNH.

Rhyparochromus turgidifemur Stål, 1855a: 32 (syn. Stål, 1865: 165). ST(S): South Africa, riv. Limpopo; lost? (see Scudder, 1976: 34).

Rhyparochromus nigromaculatus Stål, 1855a: 33 (syn. Stål, 1865: 165). LT (Scudder, 1976: 33): ♀, South Africa, "Caffraria"; NHRS.
Distr. AS: SA YE. EL: tropical and south Africa.
Ref.: Hargreaves, 1948 (cotton pest); Mallamaire, 1954 (noxious).

***Naphius scorteccii* (Mancini, 1964)**

Dinomachus scorteccii Mancini, 1964: 298. HT: ♀, Somalia, Rabable; MSNM.
Distr. AS: SA YE. EL: Somalia.
Ref.: Scudder, 1968c (*Naphius*).

***Naphius zavattarii* (Mancini, 1948)**

Aphanus zavattarii Mancini, 1948: 222. STS: ♂, ♀, Eritrea, Murle; MCSN or MSNM?
Distr. AS: YE. EL: Eritrea, Ethiopia, Somalia.
Ref.: Scudder, 1968c (*Naphius*); J.A. Slater, 1964a (*Rhyparochromus*).

Genus *Narbo* Stål, 1865

Narbo Stål, 1865: 153. Type species by subsequent monotypy (Stål, 1866b: 161): *Narbo longipes* Stål, 1866, Oriental Region.

Laxamana Distant, 1906a: 416 (syn. Scudder, 1962c: 769). Type species by original designation: *Laxamana typicalis* Distant, 1906 (= *Narbo longipes* Stål, 1866), Oriental Region.

Ref.: Barber, 1958 (in Dieuchini); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a (World cat.).

***Narbo nigricornis* Zheng, 1981**

Narbo nigricornis Zheng in Zheng & Zou, 1981a: 205, 612. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Menglong; IZAS.
Distr. AS: CH (SW).

Genus *Naudarensia* Distant, 1903

Naudarensia Distant, 1903a: 86. Type species by original designation: *Naudarensia pedata* Distant, 1903, India.

Ref.: Bergroth, 1918 (syn. of *Poeantius*); Kiritshenko, 1931b (syst. position); J.A. Slater, 1964a (World cat.).

***Naudarensia distanti* Kiritshenko, 1931**

Naudarensia distanti Kiritshenko, 1931b: 364, 380. HT: ♂, India, W Bengal, Darjeeling; BMNH.
Distr. AS: CH (WP). EL: India.
Ref.: Zheng & Zou, 1981b.

Genus *Orieotrechus* Scudder, 1962

Orieotrechus Scudder, 1962d: 982. Type species by original designation: *Peritrechus aeruginosus* Distant, 1903.

***Orieotrechus aeruginosus* (Distant, 1903)**

Peritrechus aeruginosus Distant, 1903a: 76. LT (Scudder, 1966: 2): ♀, Burma, Palon, Pegù; MCSN.
Distr. AS: CH (SW). EL: Burma, India, Nepal.
Ref.: Breddin, 1907b (syst. position); Scudder, 1962d (*Orieotrechus*); Zheng & Zou, 1981a.

Genus *Panaorus* Kiritshenko, 1951

Panaorus Kiritshenko, 1951b: 285 (as subgenus of *Rhyparochromus*; upgraded by Kerzhner in Kerzhner & Jaczewski, 1964: 791, 804). Type species by monotypy: *Pachymerus*

adpersus Mulsant & Rey, 1852.

Ref.: Kerzhner in Kerzhner & Jaczewski, 1964; Péricart, 1999c (monogr., subg. of *Rhyparochromus*); J.A. Slater, 1964a (World cat., subg. of *Rhyparochromus*); J.A. Slater & O'Donnell, 1995 (suppl. World cat., subg. of *Rhyparochromus*); Stichel, 1959 (monogr., subg. of *Rhyparochromus*); Wagner, 1961d (rev., subg. of *Rhyparochromus*); Zheng & Zou, 1981a (monogr., subg. of *Rhyparochromus*).

***Panaorus adpersus* (Mulsant & Rey, 1852)**

Pachymerus adpersus Mulsant & Rey, 1852: 115. STS: FR, Saône-et-Loire nr Cluny, Ain nr Villebois; lost.

Rhyparochromus sordidus (non Fabricius, 1787): Jakovlev, 1867: 153. Nomen nudum (see note).

Pachymerus adpersus var. *putoni* Fokker, 1899: 20 (junior secondary homonym of *Calyptonotus putoni* Saunders, 1876). LT (Péricart, 1999c: 290): ♀, "Algérie, Dj. Saïda"; RMNH (see note).

Rhyparochromus adpersus var. *fokkeri* Wagner, 1961d: 103. New name for *putoni* Fokker, 1899.

Distr. EU: AU BE CR! FR GE HU IT PL RO RU (CT ST) SK SL SV SZ UK. AS: AK CH (CE NO NW) JA KO MG RU (ES FE WS).

Note: The name *Pachymerus sordidus* is attributed to Eversmann (1837: 36) by Jakovlev, (1867: 153), but Eversmann gave no description.

The types of *fokkeri* were collected by Schmiedeknecht and belong to a series of species collected in Europe but mislabelled as collected in North Africa (see Péricart, 1983: 106, 1999c: 290).

***Panaorus albomaculatus* (Scott, 1874)**

Calyptonotus albomaculatus Scott, 1874: 439. LT (Scudder, 1967b: 256): ♂, JA; BMNH.

Distr. AS: CH (CE NE NO SE SW) JA KO RU (FE).

Ref.: Reuter, 1888b (*Pachymerus* (*Graptopeltus*)); Seidenstücker, 1963d (*Rhyparochromus* (*Panaorus*)); J.A. Slater, 1964a (*Graptopeltus*); Stichel, 1959 (*Rhyparochromus* (*Graptopeltus*)); Zheng & Zou, 1981a (notes).

***Panaorus csikii* (Horváth, 1901)**

Aphanus (*Elasmolomus*) *csikii* Horváth, 1901a: 251, 264. LT (Scudder, 1970b: 199): ♂, CH (NO), Beijing; HNHM.

Aphanus (*Graptopeltus*) *chinensis* Lindberg, 1934a: 25 (syn. Josifov & Kerzhner, 1978: 154). LT (Péricart, 1999d: 80): ♀, CH (NO), S Gansu; NHRS.

Aphanus (*Ragliodes*) *amurensis* Lindberg, 1934b: 10 (syn. Josifov & Kerzhner, 1978: 154). LT (Péricart, 1999d: 79): ♂, RU (FE), Sedanka nr Vladivostok; NHRS.

Distr. AS: CH (NO SW) JA KO RU (FE).

Ref.: Scudder, 1970a (*Rhyparochromus* (*Panaorus*)).

Note: According to Zheng & Zou (1981a: 193, note), *chinensis* and *amurensis* could be forms of *Panaorus albomaculatus*.

***Panaorus japonicus* (Stål, 1874)**

Pachymerus (*Graptopeltus*) *japonicus* Stål, 1874a: 160. LT (Scudder, 1976: 32): ♀, JA; NHRS.

Graptopelta albomarginata (non Uhler, 1860): Scott, 1874: 291. Misidentification (see Distant, 1883: 437).

Graptopeltus angustatus Montandon, 1889: 290 (syn. Josifov & Kerzhner, 1978: 153). STS: "Amur"; MGAB.

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

Ref.: Matsumura, 1931 (*Aphanus*); Seidenstücker, 1963d (*Rhyparochromus*

(*Panaorus*)); J.A. Slater, 1964a (*Graptopeltus*); Stichel, 1959 (*Rhyparochromus* (*Graptopeltus*)).

Genus *Perimeda* Reuter, 1887

Perimeda Reuter, 1887: 97. Type species by monotypy: *Perimeda dimidiata* Reuter, 1887, Madagascar.

Perimeda scudderi Kiritshenko, 1967

Perimeda scudderi Kiritshenko, 1967: 441. HT: ♀, AF (southwest), Pagman; ZMAS.
Distr. AS: AF.

Genus *Peritrechus* Fieber, 1860

Peritrechus Fieber, 1860: 48; 1861a: 183. Type species by subsequent designation (Distant, 1903a: 75): *Beosus angusticollis* R.F. Sahlberg, 1848.

Pasatus Stål, 1872: 54 (syn. Puton, 1875a: 25). Type species by monotypy: *Pachymerus luniger* Schilling, 1829 (= *Cimex lundii* Gmelin, 1790).

Ischnodemus (non Fieber, 1837): Provancher, 1886: 75. Misidentification (see J.A. Slater, 1964a: 1248).

Ref.: Péricart, 1999c (monogr.); V.G. Putshkov, 1969a (monogr.); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a (World cat.); J.A. Slater & O'Donnell, 1995 (suppl. World cat.); Stichel, 1959 (monogr.).

Peritrechus angusticollis (R.F. Sahlberg, 1848)

Beosus angusticollis R.F. Sahlberg, 1848: 66. STS: FI, Lapland, Kuusamo; UZMT.

Rhyparochromus crassicornis Dallas, 1852: 571 (syn. Fieber, 1861a: 183). LT (Scudder, 1967b: 262): ♂, EU; BMNH.

Distr. EU: AU CZ DE EN FI FR GB (vagrant) GE MA NL NR RU (CT NT ST) SK SP SV YU. AS: AB? AK RU (ES FE WS).

Ref.: Pfaler, 1936 (biol.).

Peritrechus convivus (Stål, 1858)

Rhyparochromus convivus Stål, 1858b: 180. STS: ♂, ♀, RU (ES), Irkutsk; lost.

Pachymerus distinguendus Flor, 1860: 266 (syn. V.G. Putshkov, 1969a: 294). STS: LA ("Hainasch" [= Ainazi]) and EN ("Orrenhof" [= Orajoe]); LT (Péricart, 1998c: 9): ♂, IZBE.

Trapezonotus distinctus Douglas & Scott in Scott, 1863: 145 (syn. Reuter, 1875d: 547, with *distinguendus*). HT: GB, Isle of Wight, Ventnor; lost.

Peritrechus saskatchewanensis Barber, 1918: 60 (syn. Scudder, 1999: 268). HT: ♀, Canada, Saskatchewan, Oxbow; USNM.

Distr. EU: BE DE EK EN FI GB (vagrant) GE LA LT LU? NR PL? RU (CT NT ST) SV. AS: AB? AK CH (NO NW?) MG RU (ES FE WS). EL: Alaska to Mexico.

Ref.: Pfaler, 1936 (*distinguendus*, biol.); V.G. Putshkov, 1969a (ssp. of *convivus*); Scudder, 1957e (*Peritrechus*), 1999; Zheng & Zou, 1981a.

Peritrechus dissimilis Horváth, 1895

Peritrechus dissimilis Horváth, 1895b: 223. LT (Scudder, 1970b: 200): ♀, "Turkestan"; HNHM.

Distr. AS: TD.

Peritrechus femoralis Kerzhner, 1977

Peritrechus femoralis Kerzhner, 1977b: 21. HT: ♂, RU (FE), Primorsk Terr., bay of Tachingou nr Sokolovka; ZMAS.

Distr. AS: CH (NE) JA RU (FE).

Ref.: Vinokurov, 1988.

***Peritrechus flavicornis* Jakovlev, 1877**

Peritrechus flavicornis Jakovlev, 1877b: 70, 90. HT: ♂, IN (north), Shahrud; ZMAS.

Peritrechus variegatus Kiritshenko, 1914b: 191 (syn. Péricart, 1996c: 347). LT

(Péricart, 1996c: 346): ♂, UZ, Termez; ZMAS.

Distr. EU: RU (ST). AS: AT "Caucasus" IN SA UZ.

Ref.: Jakovlev, 1892.

***Peritrechus geniculatus* (Hahn, 1832)**

Pachymerus geniculatus Hahn, 1832: 68. STS: GE, nr Nürnberg; lost.

Beosus nubilus (non Fallén, 1807): R.F.Sahlberg, 1848: 65. Misidentification (see Douglas, 1875: 267).

Lygaeus (Peritrechus) puncticeps Thomson, 1870a: 193 (syn. Horváth, 1875: 66). LT

(Péricart, 1997a: 70, as *punctipes*, lapsus): ♂, SV, Skåne, Kävlinge; MZLU.

Distr. EU: AU BE BU BY CZ DE EK EN FI FR GB GE HU IR IT LA LS LT LU MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG? TU. AS: AB AK AR AT GG IN JO KI RU (WS) UZ.

Ref.: Butler, 1923 (biol., larva); Pfaler, 1936 (biol.).

***Peritrechus gracilicornis* Puton, 1877**

Peritrechus gracilicornis Puton, 1877b: 117. LT (J.A. Slater, 1967: 154): ♀, FR, Corsica; MNHN.

Peritrechus gracilicornis var. *xanthopus* Horváth, 1905b: 272. LT (Péricart, 1996a: 155): ♂, SP, Ciudad Real, Pozuelo de Calatrava; HNHM.

Distr. EU: AL AN AU BE BH BU CR CZ FR GB GE GR HU IT LU MC MD PL PO RO RU (ST) SK SL SP SZ UK YU. NA: AG CI MO MR TU. AS: AB AR AT GG IN IS KI SY TD UZ.

Ref.: Pfaler, 1936 (biol.); Thomas, 1955 (biol.).

***Peritrechus insignis* Jakovlev, 1892**

Peritrechus insignis Jakovlev, 1892: 231. LT (Péricart, 1996c: 345): ♀, RU (ST), Derbent; ZMAS.

Distr. EU: RU (ST).

Ref.: Péricart, 1996c (*nubilus* complex), 1999c (monogr.).

Note: Doubtful species (see Péricart, 1999c: 218).

***Peritrechus lundii* (Gmelin, 1790)**

Cimex sylvestris Fabricius, 1781: 368 (junior primary homonym of *Cimex sylvestris* Linnaeus, 1758). HT: ♀, DE; ZMUC.

Cimex lundii Gmelin, 1790: 2178. New name for *sylvestris* Fabricius, 1781.

?*Cimex denigratus* Gmelin, 1790: 2187 (syn. Reuter, 1888a: 49, 196, with *sylvestris*, suspected). For *Cimex* no. 122 in Zschach, 1788: 120. ST(S): EU; lost.

Cimex sylvanus Turton, 1802: 665. New name for *sylvestris* Fabricius, 1781.

Lygaeus sahlbergii Fallén, 1829: 56 (syn. Baerensprung, 1860: 10, with *luniger*). LT (Péricart, 1997a: 64): ♂, SV, Skåne; MZLU.

Pachymerus luniger Schilling, 1829: 67 (syn. Reuter, 1881c: 92, with *sylvestris*). ST(S): PL, Silesia; lost.

Peritrechus lundii auct. Incorrect subsequent spelling.

Distr. EU: AL AN AU BE BH BU CR CZ DE ET FR GB GE GR HU IR IT LU MC NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG MO TU. AS: AB AT.

Ref.: Southwood, 1960 (flight); Thomas, 1955 (biol.).

***Peritrechus meridionalis* Puton, 1877**

Peritrechus meridionalis Puton, 1877b: 117. LT (Scudder, 1967a: 156): ♀, FR, Hérault,

"Cette" [= Sète]; MNHN.

Peritrechus angusticollis (non R.F. Sahlberg, 1848): Horváth, 1878: 78.

Misidentification (see Horváth, 1886a: 250).

Peritrechus meridionalis var. *fuscatus* Ferrari, 1888: 557. HT: ♂, IT, Sardinia, Cagliari; MCSN.

Peritrechus ambiguus Horváth, 1888a: 175 (syn. Josifov, 1987: 7). LT (Scudder, 1970b: 198): ♀, HU, Kalocsa; MZHF.

?*Peritrechus ambiguus* var. *pallipes* Montandon, 1889: 290 (syn. Péricart, 1999c: 210, suspected). HT: RO, Bucuresti; MGAB.

Distr. EU: AL AU BH BU CR FR GR HU IT MA RO RU (CT ST) SP UK YU. NA: AG EG LB MO TU. AS: AB AF AK AR AT GG IN MG SY TD TM UZ.

Ref.: V.G. Putshkov, 1969a (*ambiguus*); J.A. Slater, 1964a (*ambiguus*, *meridionalis*); Stichel, 1959 (*ambiguus*, *meridionalis*).

***Peritrechus nubilus* (Fallén, 1807)**

Lygaeus nubilus Fallén, 1807: 65. LT (Péricart, 1996c: 345): ♂, SV, Skåne, Esperöd; MZLU.

Rhyparochromus irroratus Curtis, 1836: text to pl. 612 (syn. Puton, 1869b: 14). STS: GB, England; MVMA?

Peritrechus nubilus var. *tibialis* Horváth, 1882a: 222. LT (Scudder, 1970b: 202): ♀, AB, Lenkoran; HNHM.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FI FR GB GE GR HU IT LA LU MC MD NL PL PO RO RU (CT NT ST) SK SP SV SZ UK YU. NA: AG MO MR. AS: AB AK AR AT GG IN RU (WS).

Ref.: Pfaler, 1936 (biol.); Thomas, 1955 (biol.).

***Peritrechus oculatus* Jakovlev, 1885**

Peritrechus oculatus Jakovlev, 1885: 121. LT (Péricart, 1998b: 125): ♂, TM, Akhal-Tekke [= nr Ashkhabad]; ZMAS.

Distr. AS: TD? TM.

***Peritrechus oshanini* (Kiritshenko, 1911)**

Trapezonotus oshanini Kiritshenko, 1911a: 85. LT (Péricart, 1998b: 128): ♂, AK, "prov. Perovsk [= Kzyl-Orda]", Baigakum, nr Syr Darya River; ZMAS.

Distr. AS: AK MG! TD TM! UZ!

Ref.: V.G. Putshkov, 1969a (?ssp. of *convivus*); Scudder, 1957e (*Peritrechus*), 1999 (good sp.).

***Peritrechus pusillus* Horváth, 1884**

Peritrechus pusillus Horváth, 1884: 12. LT (Scudder, 1970b: 204): ♂, IS, "Kaifa" [= Haifa]; HNHM.

Distr. EU: AL GR. AS: AB? ("Caucasus") AT IN IQ IS.

Ref.: Seidenstücker, 1961b (notes).

Note: The locality "Caucasus" was quoted from material collected by Leder and Reitter, seen at HNHM. It may concern AB.

***Peritrechus putoni* Horváth, 1895**

Peritrechus putoni Horváth, 1895b: 223. LT (Scudder, 1970b: 204): ♀, UZ, Tashkent; HNHM.

Distr. AS: AK TD TM UZ.

***Peritrechus rhomboidalis* Puton, 1877**

Peritrechus gracilicornis var. *rhomboidalis* Puton, 1877b: 117 (upgraded by Puton, 1899: 33). HT (see Scudder, 1967a: 154, as LT): ♀ [not ♂], AT, Akbès [= Ekbaz]; MNHN.

Distr. EU: BU GR. NA: TU. AS: AB AR AT CY IN IQ IS JO SY TD TM.

Genus *Plinthurgus* Kiritshenko, 1911

Plinthurgus Kiritshenko, 1911a: 86 (as subgenus of *Aphanus*; upgraded by Kiritshenko, 1952a: 174). Type species by original designation: *Aphanus (Plinthurgus) insignis* Kiritshenko, 1911 (= *Aphanus (Plinthurgus) sogdianus* Kiritshenko, 1914).

Ref.: Péricart, 1999c (key, subg. of *Rhyparochromus*); Kiritshenko, 1952a; Wagner, 1961d (subg. of *Rhyparochromus*).

***Plinthurgus celeripes* (Kiritshenko, 1914)**

Aphanus (Plinthurgus) celeripes Kiritshenko, 1914b: 192. LT (Péricart, 1998b: 127): ♂, UZ, Derbent; ZMAS.

Distr. AS: TD UZ.

***Plinthurgus sogdianus* (Kiritshenko, 1914)**

Aphanus (Plinthurgus) insignis Kiritshenko, 1911a: 86 (junior primary homonym of *Aphanus insignis* A. Costa, 1843). ST(S): ♂, TD, Zeravshan Range, Moy-Gudor; ZMAS.

Aphanus (Plinthurgus) sogdianus Kiritshenko, 1914b: 192. New name for *insignis* Kiritshenko, 1911.

Distr. AS: AK KI TD UZ.

Genus *Poeantius* Stål, 1865

Poeantius Stål, 1865: 163 (syn. Bergroth, 1918: 84, with *Naudarensia* Distant, 1903; the latter restored by Kiritshenko, 1931b: 381). Type species by monotypy: *Rhyparochromus nigropictus* Stål, 1855, South Africa.

Ref.: Poppius & Bergroth, 1921 (ant mimicry); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a (World cat.); Zheng & Zou, 1981a (monogr.).

***Poeantius dhalaicus* Linnavuori, 1978**

Poeantius dhalaicus Linnavuori, 1978: 94. HT: ♀, YE, S Yemen, Lahej-Dhala road; NMWC.

Distr. AS: YE.

***Poeantius festivus* Distant, 1901**

Poeantius festivus Distant, 1901b: 506. LT (Scudder, 1967b: 265): ♂, India, Calcutta; BMNH.

Distr. AS: CH (SW). EL: India, Sri Lanka.

Ref.: Distant, 1903a (distr.); Kirkaldy, 1908c (larva).

***Poeantius lineatus* Stål, 1874**

Poeantius lineatus Stål, 1874a: 162. LT (Scudder, 1976: 32): ♀, Philippines; BMNH.

Poeantius brevicollis Breddin, 1907b: 207 (syn. Distant, 1911a: 75). STS: ♂, ♀, "Ceylon" [= Sri Lanka], Trincomalee, Negombo; lost?

Distr. AS: CH (SE) JA. EL: Australia, India, Malaya, Philippines, Sri Lanka.

Genus *Ragliodes* Reuter, 1885

Ragliodes Reuter, 1885b: 220, 229 (as subgenus of *Pachymerus*; upgraded by Wagner, 1961d: 108). Type species by monotypy: *Pachymerus delineatus* Rambur, 1839.

Ref.: Péricart, 1999c (monogr., subg. of *Rhyparochromus*); J.A. Slater, 1964a (World cat.); Stichel, 1959 (monogr., subg. of *Rhyparochromus*); Vidal, 1949 (key, rev.); Wagner, 1961d (rev.).

***Ragliodes andreae* (Vidal, 1940)**

Aphanus (Ragliodes) andreae Vidal, 1940: 444. STS: ♂, MO, Ifrane; ICRM?

Distr. NA: MO.

***Ragliodes delineatus* (Rambur, 1839)**

Pachymerus delineatus Rambur, 1839: 151. LT (Scudder, 1967b: 263): ? [abdomen lacking], SP, Andalusia, Granada; BMNH.

Distr. EU: SP.

Ref.: Reuter, 1885b (*Pachymerus* (*Ragliodes*)); Vidal, 1940 (redescr.); Wagner, 1961d (redescr.).

***Ragliodes disjunctus* Vidal, 1940**

Ragliodes (*Aphanus*) *disjunctus* Vidal, 1940: 445. STS: ♂, ♀, MO, "Port Lyautey" [= Kenitra]; ICRM?

Distr. NA: MO.

Ref.: Wagner, 1961d (redescr.).

***Ragliodes kopaczewskii* Vidal, 1949**

Ragliodes kopaczewskii Vidal, 1949: 403. STS: ♂, ♀, MO, High Atlas, B'zou, 40 km N of Delmat; ICRM?

Distr. NA: MO.

Ref.: Wagner, 1961d (redescr.).

***Ragliodes otini* Vidal, 1949**

Ragliodes otini Vidal, 1949: 403. STS: ♂, MO, High Atlas, Oued Tassennt; ICRM?

Distr. NA: MO.

Ref.: Wagner, 1961d (redescr.).

Genus *Raglius* Stål, 1872

Raglius Stål, 1872: 37 (as subgenus of *Pachymerus*; upgraded by Stichel, 1935: 354; Le Quesne, 1957: 57). Type species by subsequent designation (China, 1943: 242):

Pachymerus pineti Herrich-Schaeffer, 1835.

Ref.: Le Quesne, 1957; Péricart, 1999c (monogr., subg. of *Rhyparochromus*); Scudder, 1957d (in *Rhyparochromina*); J.A. Slater, 1964a (World cat., subg. of *Rhyparochromus*); Stål, 1874a (in key); Wagner, 1961d (rev., subg. of *Rhyparochromus*).

***Raglius alboacuminatus* (Goeze, 1778)**

Cimex alboacuminatus Goeze, 1778: 266. For *Cimex* No. 29 in Geoffroy, 1762: 450. ST(S): FR, nr Paris; lost.

Cimex caffer Thunberg, 1784: 59 (syn. Stål, 1867: 382, with *pedestris*). ST(S): South Africa; UZIU?

Cimex apicaris Geoffroy in Fourcroy, 1785: 204. Objective synonym of *alboacuminatus* Goeze, 1778.

Cimex cinereus Gmelin, 1790: 2184. Objective synonym of *alboacuminatus* Goeze, 1778.

Cimex bardanae Preyssler, 1791: 102 (syn. Reuter, 1885b: 228). ST(S): CZ, Bohemia; lost.

Lygaeus pedestris Panzer, 1797b: 14 (syn. Reuter, 1885b: 228). ST(S): GE; lost.

Pachymerus insignis Boheman, 1852a: 53 (syn. Fieber, 1861a: 388, with *pedestris*). ST(S): ♂, SV, Skåne; lost.

Rhyparochromus mundulus Dohrn, 1860b: 160 (syn. Dohrn, 1860c: 208, with *pedestris*). STS: PL (Wolin Is.) and RU (ST: "Sarepta"); lost.

Rhyparochromus concinnulus Walker, 1872: 93 (syn. Horváth, 1899c: 278). Description, no types (see Horváth, 1899c: 278; Scudder, 1967b: 261).

Pachymerus pedestris var. *funerea* Puton, 1878b: 65. LT (Scudder, 1967a: 156): ♂, FR; Corsica; MNHN.

Pachymerus bardanae var. *flavatus* Horváth, 1882b: 147. LT (Scudder, 1970b: 198): ♀, "Caucase"; HNHM (invalid, see Péricart, 1996a: 154).

Aphanus alboacuminatus var. *bicolor* Horváth, 1911a: 583. ST(S) (see Scudder, 1970b: 198): SY, Damascus; lost?

Rhyparochromus alboacuminatus f. *immaculata* Michalk, 1938a: 90 (junior secondary homonym of *Aphanus quadratus* var. *immaculatus* Royer, 1919). STS: GE.

Rhyparochromus alboacuminatus f. *nigra* Michalk, 1938a: 90. STS: GE.

Rhyparochromus alboacuminatus f. *implagiata* Stichel, 1962: 779. New name for *immaculata* Michalk, 1938.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK EN ET FR GB GE GR HU IT LA LS 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 AK AR AT CY GG IN IS KI RU (WS) SY TD TM UZ.

Ref.: Southwood & Leston, 1959 (biol.).

***Raglius confusus* (Reuter, 1886)**

Cimex triguttatus (non Linnaeus, 1767): Fabricius, 1775: 724. Misidentification (see Reuter, 1888a: 205).

Rhyparochromus pineti (non Herrich-Schaeffer, 1835): Fieber, 1861a: 195. Misidentification (see Reuter, 1886: 120).

Pachymerus confusus Reuter, 1886: 121. For *pineti* sensu Fieber, 1861. STS: EU (south).

Pachymerus confusus var. *nigripes* Puton in Reuter, 1886: 121, note. LT (Péricart, 1996b: 106): ♀, AG, Teniet el Haad; MNHN.

Distr. EU: AL AU BU CR CZ ET FR GE GR HU IT LU? MC PL? RO RU (ST) SK SL SP SZ UK YU. NA: AG MO TU. AS: AB AR AT GG IN IQ IS SY?

Ref.: Zebe, 1957 (biol.).

***Raglius pineti* (Herrich-Schaeffer, 1835)**

Pachymerus pineti Herrich-Schaeffer, 1835a: 44 (in key); 1839: 95. STS: PO; lost.

Calyptonotus putoni Saunders, 1876b: 221 (syn. Reuter, 1886: 120). LT (Scudder, 1967b: 278, as HT; Péricart, 1997a: 69): ♂, AG; BMNH.

Distr. EU: BH BU FR IT PO RO SP SZ YU. NA: AG MO TU. AS: AT.

Ref.: Péricart, 1999c (subg. *Raglius*); J.A. Slater, 1964a (subg. *Raglius*); Stichel, 1959 (subg. *Rhyparochromus*); Wagner, 1961d (subg. *Raglius*).

***Raglius tristis* (Fieber, 1861)**

Rhyparochromus tristis Fieber, 1861a: 194. ST(S): EU (south); lost?

Pachymerus inarimensis A. Costa, 1862: 17 (syn. Puton, 1884a: 149). LT (Péricart in Carapezza et al., 1995: 285): ♂, IT, Ischia; ZIUN.

Distr. EU: BH BU CR ET FR GR IT MC PO SL SP YU. NA: AG MO TU. AS: AT.

Ref.: Péricart, 1999c (subg. *Raglius*); J.A. Slater, 1964a (subg. *Raglius*); Stichel, 1959 (subg. *Rhyparochromus*); Wagner, 1961d (subg. *Raglius*).

***Raglius zarudnyi* (Jakovlev, 1905)**

Aphanus zarudnyi Jakovlev, 1905: 117. LT (Péricart, 1998b: 126): ♀, IN, "Arabistan, Sarchun"; ZMAS.

Distr. AS: AB AR AT IN IS TM.

Ref.: Péricart, 1999c (subg. *Raglius*); Seidenstücker, 1957 (*Rhyparochromus*); J.A. Slater, 1964a (subg. *Raglius*); Stichel, 1959 (*Rhyparochromus*); Wagner, 1961d (subg. *Raglius*).

Genus *Rhyparochromus* Hahn, 1826

Rhyparochromus Hahn, 1826: pl. 17. Type species by monotypy: *Cimex pini* Linnaeus, 1758.

Pachymerus (non Lepeletier & Serville, 1825): Schilling, 1829: 37, 64 (partly).

Aphanus (non Laporte, 1833): Brullé, 1836: 385 (partly).

Melandiscus Stål, 1872: 57 (as subgenus of *Pachymerus*; syn. China, 1943: 242). Type species by subsequent designation (China, 1943: 242): *Pachymerus vulgaris* Schilling, 1829.

Ref.: Péricart, 1999c (monogr., as nominal subg.); J.A. Slater, 1964a (World cat., partly); J.A. Slater & O'Donnell, 1995 (suppl. World cat., partly); Wagner, 1961d (rev., as nominal subg.).

***Rhyparochromus ibericus* Baerensprung, 1858**

Rhyparochromus ibericus Baerensprung, 1858b: 200. LT (Péricart, 1998c: 6): ♀, SP, Andalusia; ZMHB.

Distr. EU: SP. NA: MO.

Ref.: Le Quesne, 1957 (syst. position); Reuter, 1885b (in key).

***Rhyparochromus intermedius* (Puton, 1888)**

Aphanus pini var. *intermedius* Puton, 1888: 104 (upgraded by Péricart, 1995a: 504). LT (Scudder, 1967a: 156): ♀, AG, Batna; MNHN.

Aphanus nigellatus Lindberg, 1932: 37 (syn. Péricart, 1995a: 504; 1997b: 487). HT (see Péricart, 1997a: 65): ♂, MO, High Atlas, Arround, S of the village; MZHF.

Distr. NA: AG MO.

Note: Contrary to the opinion of Gulde (1937: 160), *Rhyparochromus pini* var. *contrarius* (Schumacher, 1913), described from PL (Schumacher, 1913b: 672) and type material not located (not found in ZMHB, probably lost), is not considered a synonym of *intermedius*.

***Rhyparochromus maroccanus* Wagner, 1961**

Rhyparochromus (Raglius) maroccanus Wagner, 1961d: 84, 86, 113 (syn. Moulet, 1990: 424, with *vulgaris*; restored with doubt by Péricart, 1999c: 307). HT: ♂, MO, Moyen Atlas, Azrou, forêt du Bou; ZMUH.

Distr. NA: MO.

Ref.: Péricart, 1999c (subg. *Rhyparochromus*); J.A. Slater, 1964a (subg. *Raglius*).

***Rhyparochromus nuristanicus* (Kiritshenko, 1938)**

Aphanus nuristanicus Kiritshenko, 1938b: 4, 6. HT: ♂, AF, Hindukush, Paprok, in Grama valley; DEIC?

Distr. AS: AF.

***Rhyparochromus phoeniceus* (Rossi, 1794)**

?*Cimex horologiumrubrum* Goeze, 1778: 280 (syn. Reuter, 1888a: 44, 204, suspected). For *Cimex* sp. in Schaeffer, 1779: pl. 266, figs 4a, 4b. ST(S): GE, Ratisbona [= Regensburg]; lost.

Cimex insignitus Gmelin, 1790: 2182. Objective synonym of *horologiumrubrum* Goeze, 1778

Cimex phoeniceus Rossi, 1794: 54. ST(S): IT, Florentia; lost.

Aphanus phoeniceus var. *autrani* Horváth, 1897: 86. LT (Scudder, 1970b: 203): ♀, SP; HNHM.

Rhyparochromus phaeniceus auct. Unjustified emendation.

Distr. EU: AN AU BE BH BU CR CZ DE FI FR GE GR IT LS LU MC NL NR PL PO RO RU (NT) SK SL SP SV SZ YU. NA: MO TU. AS: AT.

Ref.: Krogerus, 1932 (biol.); Rieger, 1993 (identification); Schwoerbel, 1957 (biol.).

***Rhyparochromus pini* (Linnaeus, 1758)**

Cimex pini Linnaeus, 1758: 448. HT: ♀!, SV; LSUK.

Cimex collinus Scopoli, 1763: 130 (syn. Herrich-Schaeffer, 1853b: 149). ST(S): SL, "Carniolia media"; lost.

Cimex circuluspunctatus Goeze, 1778: 280 (syn. Reuter, 1888a: 45, 202). For *Cimex* sp.

in Schaeffer, 1779: pl. 248, figs 3, 4. ST(S): GE, Ratisbona [= Regensburg]; lost.
Cimex crucifer Geoffroy in Fourcroy, 1785: 203 (syn. Reuter, 1888a: 202). For *Cimex*
No. 28 in Geoffroy, 1762: 449. ST(S): FR, nr Paris; lost?
Cimex circulus Gmelin, 1790: 2182. Objective synonym of *circuluspunctatus* Goeze,
1778.

Cimex collium Gmelin, 1790: 2189. Emendation of *collinus* Scopoli, 1763.

Cimex sylvaticus (non Fabricius, 1775): Cederhjelm, 1798: 274. Misidentification (see
Reuter, 1888a: 202).

Distr. EU: AL AN 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: AG? CI MO. AS: AB AF AK AR AT CH (NO NW WP) GG KI KO MG RU
(ES FE WS) TD TM UZ.

Ref.: Pfaler, 1936 (biol.); Zheng & Zou, 1981a.

***Rhyparochromus sanguineus* (Douglas & Scott, 1868)**

Calyptonotus sanguineus Douglas & Scott, 1868a: 28, 32. HT (see Scudder, 1967b: 279,
as LT): ♀, IS, plains of Jordan; BMNH.

Distr. EU: AL AU BU CR CZ FR GE GR HU IT MC MD PL RU (ST) SP UK YU.
AS: AB AR AT CY GG IN IQ IS LE SY TM.

Ref.: Kerzhner, 1994 (distr.); Rieger, 1993 (identification); J.A. Slater, 1964a (ssp. of
phoeniceus); Stichel, 1959 (f. of *phoeniceus*).

***Rhyparochromus simplex* (Jakovlev, 1883)**

Beosus simplex Jakovlev, 1883a: 16. LT (Péricart, 1998b: 126): ♂, AK, Wernoi
[= Almaty]; ZMAS.

Aphanus consimilis Reuter, 1893: 214 (syn. Kiritschenko, 1911a: 92). LT (Péricart,
1997a: 66): ♀, "Turkestan"; MZHF.

Distr. AS: AK CH (NW) KI TD UZ.

Ref.: Péricart, 1999c (subg. *Rhyparochromus*); J.A. Slater, 1964a (subg. *Raglius*);
Wagner, 1961d (subg. *Raglius*); Zheng et al., 1992 (subg. *Raglius*).

***Rhyparochromus tisifone* Linnavuori, 1990**

Rhyparochromus (Raglius) tisifone Linnavuori, 1990: 18. HT: ♀, IQ, Shaklawa; coll.
Linnavuori, Raisio, FI.

Distr. AS: IQ.

***Rhyparochromus vulgaris* (Schilling, 1829)**

Lygaeus pini (non Linnaeus, 1758): Wolff, 1801: 74. Misidentification (see Herrich-
Schaeffer, 1835a: 80).

Pachymerus vulgaris Schilling, 1829: 65. ST(S): PL, Silesia; lost.

Aphanus vulgaris var. *homoeopus* Horváth, 1899a: 448 (syn. Péricart, 1999c: 305). LT
(Scudder, 1970b: 206): ♀, AR, Erevan; HNHM.

Distr. EU: AL AU BE BH BU BY CR CZ EK ET FR GE GR HU IT LU MC MD NL
PL RO RU (CT ST) SK SL SP SV SZ UK YU. AS: AB AR AT CY GG IN IS TM.

Ref.: Çagatay, 1988 (♂ genitalia); J.A. Slater, 1964a (subg. *Raglius*); Wagner, 1961d
(subg. *Raglius*).

Genus *Rhyparothesus* Scudder, 1962

Rhyparothesus Scudder, 1962d: 983. Type species by original designation: *Aphanus*
orientalis Distant, 1903.

Ref.: Zheng & Zou, 1981a (monogr.).

***Rhyparothesus dudgeoni* (Distant, 1909)**

Aphanus dudgeoni Distant, 1909a: 336. LT (Scudder, 1967b: 264): ♀, India, Kangra
Valley; BMNH.

Distr. AS: CH (SE SW). EL: India.
Ref.: Scudder, 1967b (*Rhyparothesus*).

***Rhyparothesus orientalis* (Distant, 1903)**

Aphanus orientalis Distant, 1903a: 81. LT (Scudder, 1967b: 275): ♂, India, Bengal, Ranchi; BMNH.

Distr. AS: CH (SW). EL: India.
Ref.: Scudder, 1962d (*Rhyparothesus*).

Genus *Trichaphanus* Kiritschenko, 1926

Trichaphanus Kiritschenko, 1926: 219 (syn. Wagner, 1962: 256, with *Microtomideus* Reuter, 1885; restored by Seidenstücker, 1963b: 418). Type species by monotypy: *Trichaphanus nitidicollis* Kiritschenko, 1926 (= *Aphanus fuentei* Puton, 1894).

Paramicrotomideus Hoberlandt, 1944: 396 (as subgenus of *Raglius*; syn. Hoberlandt, 1956: 133). Type species by original designation: *Raglius galatinus* Hoberlandt, 1944 (= *Aphanus fuentei* Puton, 1894).

Exoraglius Stichel, 1959: 245, 270 (syn. Wagner, 1961d: 109). Type species by monotypy: *Aphanus fuentei* Puton, 1894.

Ref.: Péricart, 1999c (monogr.); J.A. Slater, 1964a (World cat.); Wagner, 1961d (rev.).

***Trichaphanus fuentei* (Puton, 1894)**

Aphanus fuentei Puton, 1894: 114. LT (Scudder, 1967a: 154): ♂, SP, Ciudad Real; MNHN.

Trichaphanus nitidicollis Kiritschenko, 1918: 95. Nomen nudum.

Trichaphanus nitidicollis Kiritschenko, 1926: 220 (syn. Wagner, 1962: 256). HT: ♂, AR, Erevan; ZMAS.

Raglius (*Paramicrotomideus*) *galatinus* Hoberlandt, 1944: 397 (syn. Hoberlandt, 1956: 133, with *nitidicollis*). HT: ♀, AT, Sincan; NMPC.

Distr. EU: SP. AS: AB AR AT IN.

Ref.: Seidenstücker, 1963b (paramere); Wagner, 1962 (*Microtomideus*).

Genus *Xanthochilus* Stål, 1872

Xanthochilus Stål, 1872: 57 (as subgenus of *Pachymerus*; upgraded by Kerzhner in Kerzhner & Jaczewski, 1964: 791, 805). Type species by subsequent designation (Oshanin, 1912: 37): *Lygaeus quadratus* Fabricius, 1798.

Neoxanthochilus Wagner, 1955d: 280 (as subgenus of *Rhyparochromus*). Unnecessary new name for *Xanthochilus* (see note).

Ref.: Péricart, 1999c (monogr., subg. of *Rhyparochromus*); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat., subg. of *Rhyparochromus*); J.A. Slater & O'Donnell, 1995 (suppl. World cat., subg. of *Rhyparochromus*); Wagner, 1961d (rev., subg. of *Rhyparochromus*).

Note: Wagner (1961d) proposed the new name *Neoxanthochilus* because he discovered, after examination of supposed type material, that the type species of *Xanthochilus* Stål (which, as indicated above, is *quadratus* Fabricius), belonged to the genus *Trapezonotus*. Later Scudder & Wagner (1964: 357) showed that Fabricius had seemingly given also this specific name to a *Xanthochilus*, again with two possible interpretations corresponding to the species now currently named *quadratus* and *omissus*, or that something else wrong occurred with Fabricius type(s) of *quadratus*. They requested the ICZN to invalidate the existing type seen by Wagner. The commission used its Plenary Powers in this sense (Opinion 798, 1966), preserving Stål's meaning of *Xanthochilus*. See also the note under *Trapezonotus dispar*.

***Xanthochilus douglasi* (Fieber, 1864)**

Beosus douglasi Fieber, 1864: 217. STS: ♂, FR, Corsica; BMNH?

Rhyparochromus ghilianii Garbiglietti, 1869: 118 (syn. Puton, 1871b: 425). STS: IT, Sardinia; MIZT?

Distr. EU: FR (Corsica) IT.

Ref.: Péricart, 1999c (*Rhyparochromus (Xanthochilus)*); J.A. Slater, 1964a (*Rhyparochromus (Xanthochilus)*); Stichel, 1959 (*Rhyparochromus (Xanthochilus)*); Wagner, 1961d (*Rhyparochromus (Xanthochilus)*).

***Xanthochilus melanopus* Kiritshenko & Scudder, 1973**

Rhyparochromus (Xanthochilus) melanopus Kiritshenko, 1964: 172. Nomen nudum.

Xanthochilus melanopus Kiritshenko & Scudder, 1973: 133. HT: ♀, TD, river Hozor-mech, E bank of the lake Iskander-kul, Gissar mountain range; ZMAS.

Distr. AS: TD.

***Xanthochilus minusculus* (Reuter, 1885)**

Pachymerus (Xanthochilus) minusculus Reuter, 1885b (August): 227. LT (Péricart, 1997a: 67): ♀, GR, Corfu; MZHF.

Pachymerus (Xanthochilus) reuteri Horváth, 1885 (November): 321 (syn. Josifov, 1987: 8). LT (Scudder, 1970b: 204): ♀, CR, "Fiume" [= Rijeka]; MNHN.

?*Rhyparochromus (Xanthochilus) creticus* Josifov, 1963: 123 (syn. Péricart, 1999c: 284, suspected or downgraded to subspecies). HT: ♂, Crete; HNHN.

Distr. EU: AL BH BU CR ET FR GR IT MC PO SP UK? YU. NA: AG MO TU. AS: AB AT CY IN IQ IS SY TM UZ?

Ref.: Mancini, 1952b, 1959 (*Raglius*); J.A. Slater, 1964a (*Rhyparochromus (Xanthochilus)*); Stichel, 1959 (*Rhyparochromus (Xanthochilus)*); Wagner, 1961d (*Rhyparochromus (Xanthochilus)*).

***Xanthochilus omissus* (Horváth, 1911)**

Pachymerus (Xanthochilus) quadratus (non Fabricius, 1798): Reuter, 1885b: 227.

Misidentification (see Scudder & Wagner, 1964: 357; Opinion 798, 1966).

Aphanus (Xanthochilus) omissus Horváth, 1911a: 582. LT (Scudder, 1970b: 202): ♂, AR, Araks valley; HNHN.

Distr. AS: AB AR GG IN.

Ref.: ; Péricart, 1999c (*Rhyparochromus (Xanthochilus)*); J.A. Slater, 1964a (*Rhyparochromus (Xanthochilus)*); Stichel, 1959 (*Rhyparochromus (Xanthochilus)*); Wagner, 1956d (types), 1961c (*Rhyparochromus (Xanthochilus)*).

***Xanthochilus persicellus* (Kirkaldy, 1909)**

Pachymerus luridus Jakovlev, 1877b: 70, 92 (junior secondary homonym of

Pachybrachius luridus Hahn, 1826). HT: ♂, IN, Shahrud; ZMAS.

Aphanus persicellus Kirkaldy, 1909b: 388. New name for *luridus* Jakovlev, 1877.

Distr. AS: IN.

Ref.: Oshanin, 1912 (*Aphanus (Xanthochilus)*); J.A. Slater, 1964a (*Rhyparochromus (Xanthochilus)*).

***Xanthochilus quadratus* (Fabricius, 1798)**

Lygaeus quadratus Fabricius, 1798: 541. NT (Scudder & Wagner, 1964: 359): ♂, GE, Hannover, Neu-Darchau; MNHN.

Aphanus quadratus var. *immaculatus* Royer, 1919: 39 (upgraded to species by Stichel, 1959: 274; syn. Péricart, 1999c: 280). HT: FR, nr Fontainebleau, Veneux-Nadon; MNHN?

Aphanus brevirostris Ribaut, 1921: 68 (syn. Royer, 1923: 250, with *immaculatus*). LT (Péricart, 1998a: 277): ♂, FR, Haute-Garonne, Saint-Béat; MNHN.

Rhyparochromus (Neoxanthochilus) quadratus interruptus Wagner, 1956d: 281 (syn. Péricart, 1999c: 280). HT: FR, forêt de Fontainebleau; ZMUH.

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EK ET FR GB (Jersey, elsewhere vagrant) GE GR HU IT MC MD NL PL PO RO RU (CT ST) SK SL SP SV SZ UK YU. **NA:** AG MO MR? **AS:** AB AF AK AR AT GG IN IS? JO? KI RU (WS) TD TM UZ.

Ref.: Opinion 798, 1966 (valid name); Péricart, 1999c (*Rhyparochromus* (*Xanthochilus*)); V.G. Putshkov, 1969a; J.A. Slater, 1964a (*Rhyparochromus* (*Xanthochilus*)); Stichel, 1959 (*Rhyparochromus* (*Xanthochilus*)); Wagner, 1961d (*Rhyparochromus* (*Xanthochilus*)).

***Xanthochilus saturnius* (Rossi, 1790)**

Cimex saturnius Rossi, 1790: 245. ST(S): IT, "Etruria"; lost?

Pachymerus rhombeus Fieber, 1837: 346 (syn. Puton, 1869b: 16). ST(S): IT (Sicily) and SP; lost?

Pachymerus rhombimacula A. Costa, 1843c: 83 (syn. Puton, 1874a: 226). ST(S): IT, Sicily, nr Palermo; lost.

Distr. EU: BH BU? CR ET FR GR IT MA MC PO RU (ST) SL SP UK YU. **NA:** AG CI EG LB MO MR TU. **AS:** AB AT CY IQ IS TD TM. **EL:** USA (introduced).

Ref.: Henry & Adamski, 1999 (USA record); Péricart, 1999c (monogr., *Rhyparochromus* (*Xanthochilus*)); V.G. Putshkov, 1969a; J.A. Slater, 1964a (subg. *Xanthochilus*); Wagner, 1961d (subg. *Xanthochilus*).

***Xanthochilus turanicus* (Wagner, 1961)**

Rhyparochromus (*Neoxanthochilus*) *turanicus* Wagner, 1961d: 95, 99, 114. HT: ♂, KI, Issyk-Kul; ZMUH.

Distr.: EU: RU (ST). **AS:** CH (NW: Xinjiang) KI.

Ref.: Zheng et al., 1992.

Note: Péricart (1999c: 280) considers *turanicus* as very probably a synonym of *quadratus*.

***Xanthochilus vittiger* Kiritshenko & Scudder, 1973**

Xanthochilus vittiger Kiritshenko & Scudder, 1973: 135. HT: ♀, KI, river Chochoy, tributary of Kenkol, S slopes of Kirgizskiy Alatau mountain range; ZMAS.

Distr. AS: KI TD.

Tribe STYGNOCORINI Gulde, 1937

STYGNOCORINI Gulde, 1937: 141. Type genus: *Stygnocoris* Douglas & Scott, 1865.

Ref.: Péricart, 1999b (monogr.); Scudder, 1957d (morph.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.); Sweet, 1967 (morph.).

Genus *Acompus* Fieber, 1860

Acompus Fieber, 1860: 48; 1861a: 186. Type species by monotypy: *Lygaeus rufipes* Wolff, 1804.

Ophthalmicus (non Schilling, 1829): Stål, 1862a: 214. Misidentification.

Ref.: Horváth, 1929b (rev.); Péricart, 1999b (monogr.); Scudder, 1957d (in Stygnocorini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Acompus laticeps* Ribaut, 1929**

Acompus laticeps Ribaut, 1929b (March): 110. HT: ♂ (macr.), FR, Dept Var, Bormes; MNHN.

Acompus australis Horváth, 1929b (December): 324 (syn. Tamanini, 1981: 102). LT (Scudder, 1970b: 198): ♂, TU, Mateur; HNHN.

Acompus garganicus Horváth, 1929b: 324 (syn. Josifov, 1987: 5). ST(S): ♀, IT, Puglia, Mt Gargano, lago di S. Giovanni; lost?

Distr. EU: FR IT MA PL SP. **NA:** AG LB? MO TU.

Note: The record from UK is erroneous.

***Acompus pallipes* (Herrich-Schaeffer, 1834)**

Pachymerus pallipes Herrich-Schaeffer, 1834: 2. STS: GE; lost.

Pachymerus tessella A. Costa, 1853: 23 (syn. Horváth, 1929b: 325). STS: IT, Naples, Sicily; lost?

Acompus opacus Priesner, 1927: 60 (syn. Horváth, 1929b: 326). LT (see Péricart, 1998c: 10, as HT): ♀ (macr.), AU, Linz; OLML.

Acompus opacus var. *laetipes* Ribaut, 1929b: 110 (syn. Stichel, 1959: 330). LT (Péricart, 1997b: 484): ♂ (brach.), FR, Dept Cantal, Murat; MNHN.

Acompus orientalis Horváth, 1929b: 325 (syn. Josifov, 1987: 5). LT (Scudder, 1970b: 203): ♀, AT, "Asia Minor"; HNHM.

Acompus ibericus Lindberg, 1932: 35 (syn. Stichel, 1959: 330). HT: ♂, SP, Algeciras; MZHF.

Distr. EU: AN AU BE BH BU CR CZ FR GB GE GR HU IT MC PL? PO RO RU (ST) SK SP SZ UK YU. NA: MO. AS: AB AR AT GG IN.

Ref.: K. Schmidt, 1934 (biol.).

***Acompus rufipes* (Wolff, 1804)**

Lygaeus rufipes Wolff, 1804: 151. STS: ♂, ♀, EU; lost.

Ophthalmicus lonicerae Schilling 1829: 63 (syn. Fieber, 1844: 125). STS: PL, Silesia; lost.

Beosus clavatus R.F. Sahlberg, 1848: 67 (syn. Fieber, 1861a: 186). STS: ♂, ♀, FI (south); UZMT.

Rhyparochromus taleus Lucas, 1849: 74 (syn. Péricart, 1997b: 486). For "Taleus" of Amyot, 1846: 97. STS: FR (Paris), IT (Sicily) and AG (Alger, Constantine): MNHN?

Pachymerus bisignatus Boheman, 1852b: 104 (syn. Fieber, 1861a: 388). STS: ♂, ♀, SV (south), Ljungby, Esperöd; lost?

Acompus rufipes var. *nigrescens* Bergevin, 1930a: 36. Nomen nudum.

Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA LS LU MC MD NL NR PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG. AS: AB AK! AT CH (NO) GG MG RU (ES FE WS).

Ref.: Cobben, 1953 (biol.).

Genus *Esuridea* Reuter, 1890

Esuridea Reuter, 1890c: 260. Type species by monotypy: *Esuridea maculata* Reuter, 1890 (= *Drymus lathridioides* Puton, 1889).

Ref.: Péricart, 1999b (monogr.); Scudder, 1957d (syst. position).

***Esuridea lathridioides* (Puton, 1889)**

Drymus lathridioides Puton in Noualhier, 1889: 303. HT (see Péricart, 1996b: 107; see note): ♂, MR; MNHN.

Esuridea maculata Reuter, 1890c: 261 (syn. China, 1938: 15). LT (designated here): ♂, MR; MZHF.

Distr. NA: MR.

Ref.: Péricart, 1993b (syst.), 1999b (monogr.).

Note: The specimen considered as HT of *D. lathridioides* by Scudder (1967a: 155), labelled "Madere, Sta Anna", cannot be the true holotype; according to Puton's paper, the collecting at Madeira was only done at Funchal.

Genus *Hyalochilus* Fieber, 1860

Hyalochilus Fieber, 1860: 49; 1861a: 190. Type species by monotypy: *Hyalochilus cordiger* Fieber, 1861 (= *Cymus ovatulus* A. Costa, 1853).

Ref.: Péricart, 1999b (monogr.); Scudder, 1957d: 153 (in Stygnocorini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Hyalochilus dolosus* Horváth, 1897**

Hyalochilus dolosus Horváth, 1897: 85. LT (Scudder, 1970b: 200): ♀, CR, Dalmatia, Lesina [= Lošinj]; HNHN.

Distr. EU: BH BU CR GR SL. AS: AB AR AT CY SY TM.

Ref.: V.G. Putshkov & P.V. Putshkov, 1983 (larva, redescr.).

***Hyalochilus fasciatus* Linnavuori, 1984**

Hyalochilus fasciatus Linnavuori, 1984: 16. HT: ♂, IQ, Ninawa, Al Qosh; AMNH.

Distr. AS: IQ.

***Hyalochilus ovatulus* (A. Costa, 1853)**

Cymus ericae (non Schilling, 1829): A. Costa, 1847a: 32. Misidentification (see A. Costa, 1853: 72).

Cymus ovatulus A. Costa, 1853: 72 ("68"). For *ericae* sensu A. Costa, 1847. STS: IT, nr Naples.

Hyalochilus cordiger Fieber, 1861a: 190 (syn. Fieber, 1861a: 190). STS: IT (Sicily) and SP; lost?

Hyalochilus mediterraneus Ferrari, 1888: 545, 557 (syn. Puton in Noualhier, 1889: 296). LT (Péricart, 1998c: 7): ♀, IT, Sardinia, Cagliari; MCSN.

Distr. EU: AL CR FR GR IT MA PO RU (ST?) SP. NA: AG CI LB MO MR TU. AS: AT.

Ref.: Dauphin, 1988 (larva).

Genus *Lasiosomus* Fieber, 1860

Lasiosomus Fieber, 1860: 48 ("Lasiosoma"); 1861a: 185. Type species by monotypy:

Aphanus enervis Herrich-Schaeffer, 1835.

Udeodrymus Bergroth, 1920: 7. (syn. Scudder, 1962c: 768). Type species by monotypy:

Udeodrymus sedulus Bergroth, 1920, tropical Africa.

Seuratina Bergevin, 1930b: 32 (syn. Scudder, 1962c: 768). Type species by monotypy:

Seuratina lasiosomoides Bergevin, 1930.

Ref.: O'Rourke, 1975 (rev.); Péricart, 1999b (monogr.); Scudder, 1957d (in Stygnocorini); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Lasiosomus enervis* (Herrich-Schaeffer, 1835)**

Aphanus enervis Herrich-Schaeffer, 1835a: 46. ST(S): EU; lost.

Distr. EU: AU BE BH BU BY CZ DE FR GB GE HU IR IT LS LU NL PL RO RU (ST) SK SL SP SV SZ YU. NA: MO? AS: GG.

Ref.: Massee, 1954 (biol.).

***Lasiosomus lasiosomoides* (Bergevin, 1930)**

Seuratina lasiosomoides Bergevin, 1930b: 33. HT (see Péricart, 1996b: 105): ♂, AG, Sahara, Hoggar, Tazerout; MNHN.

Distr. NA: AG EG MO TU. AS: IS SA YE. EL: Sudan.

Ref.: Scudder, 1962c (*Lasiosomus*).

***Lasiosomus terpsikhore* Linnavuori, 1989**

Lasiosomus terpsikhore Linnavuori, 1989c: 55. HT: ♀, IS, South Distr., Be'er-Sheva; AMNH.

Distr. AS: IS YE.

Genus *Stygnocoris* Douglas & Scott, 1865

Stygnus Fieber, 1860: 49; 1861a: 186 (junior homonym of *Stygnus* Perty, 1833,

Arachnida).

Ophthalmicus (non Schilling, 1829): Stål, 1862a: 214 (partly).

Stygnocoris Douglas & Scott, 1865: 213. New name for *Stygnus* Fieber, 1860. Type species by subsequent designation (Oshanin, 1912: 35): *Lygaeus rusticus* Fallén, 1807.

Stethotropis Fieber, 1870: 245 (syn. Douglas & Scott, 1875: 184). Type species by monotypy: *Stethotropis incana* Fieber, 1870 (= *Lygaeus rusticus* Fallén, 1807).

Ref.: Eyles, 1963b (egg, larva); Péricart, 1993b (rev.), 1999b (monogr.); V.G. Putshkov, 1969a (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Stygnocoris barbieri* Péricart, 1993**

Stygnocoris subglaber (non Puton, 1889): auct. Misidentifications (see Péricart, 1993b: 305, 308).

Stygnocoris uyttenboogaarti (non Blöte, 1929): auct. Misidentifications (see Péricart, 1993b: 308, 310).

Stygnocoris barbieri Péricart, 1993b: 305, 308. HT: ♂, CI, Tenerife, Monte de Las Mercedes; coll. Péricart, Montereau, FR.

Distr. NA: CI.

Ref.: Heiss et al., 1996.

***Stygnocoris breviceps* Wagner, 1953**

Stygnocoris breviceps Wagner, 1953a: 6. HT: ♂, CY, Ayia Napa; ZMUH.

Stygnocoris faustus (non Horváth, 1888): Tamanini, 1981: 101. Misidentification (see Péricart, 1993b: 302).

Distr. EU: MC. AS: CY IS.

***Stygnocoris cimbricus* (Gredler, 1870)**

Stygnus cimbricus Gredler, 1870: 84 (syn. Reuter, 1875b: 527, with *pygmaeus*; restored by Heiss, 1997c: 289). LT (Heiss, 1997c: 289): ♂, IT, Trentino, Cembra valley, Altrei; FGBI.

Distr. EU: AU CZ GE IT RU (CT NT) SK SZ?

Note: A sibling species recently separated from *Stygnocoris pygmaeus*; distribution probably more extended (see note under *S. pygmaeus*).

***Stygnocoris faustus* Horváth, 1888**

Stygnocoris faustus Horváth, 1888a: 174. LT (Scudder, 1970b: 200): ♀, CR, Dalmatia, Lesina [= Lošinj]; MZHF.

Distr. EU: AU? BH BU CR GR HU IT SK SP. NA: MO. AS: AT.

***Stygnocoris fuliginus* (Geoffroy, 1785)**

Cimex atrofuscus punctatus Goeze, 1778: 266. Unavailable name (not binominal)

Cimex fuliginus Geoffroy in Fourcroy, 1785: 205. For *Cimex* No. 32 in Geoffroy, 1762: 451. ST(S): FR, nr Paris; MNHN?

Cimex punctulatus Gmelin, 1790: 2185. Objective synonym of *fuliginus* Geoffroy, 1785.

Pachymerus arenarius Hahn, 1832: 43 (syn. Reuter, 1888a: 195). STS: GE, Nürnberg); lost.

Rhyparochromus obtusus Curtis, 1836: text to pl. 612 (syn. Douglas & Scott, 1865: 216). STS: GB, Suffolk, Lowestoft; MVMA?

Pachymerus rusticus (non Fallén, 1807): Kolenati, 1845: 83. Misidentification (see J.A. Slater, 1964a: 1014).

Stygnus arenarius var. *decipiens* Ferrari, 1878: 80. ST(S): IT, Liguria; lost.

Stygnocoris subglaber (non Puton, 1889): China, 1938: 15. Misidentification (see J.A. Slater, 1964a: 1016).

Distr. EU: AL AN AU BE BH BU BY CR CZ DE EN! ET FI FR GB GE GR HU IR IT

LU MC MD NL NR PL PO RO RU (CT NT ST) SK SP SV SZ UK YU. NA: AG CI
MO MR. AS: AB AR AT GG IS.

Ref.: Eyles, 1963a (biol.); Tamanini, 1981 (distr., morph.).

***Stygnocoris hellenicus* Péricart, 1996**

Stygnocoris hellenicus Péricart, 1996c: 348. HT: ♂, GR; Peloponnisos, nr Keries;
NMWC.

Distr. EU: GR. AS: AT.

***Stygnocoris mandibularis* Montandon, 1889**

Stygnocoris mandibularis Montandon, 1889: 287. LT: (Péricart, 1993b: 304): ♂, AG,
Oran; MNHN.

Distr. NA: AG MO.

***Stygnocoris matocqi* Péricart, 1993**

Stygnocoris faustus (non Horváth, 1888): auct., partly. Misidentifications.

Stygnocoris matocqi Péricart, 1993b: 306. HT: ♂, FR, Dept Drôme, Nyons; MNHN.

Distr. EU: FR IT SP! AS: AT.

Note: A sibling species recently separated from *Stygnocoris faustus*; distribution probably
more extended.

***Stygnocoris pygmaeus* (R.F. Sahlberg, 1848)**

Rhyparochromus pygmaeus R.F. Sahlberg, 1848: 60. LT (Péricart, 1993b: 304): ♂, FI,
Kuusamos; MZHF.

Lygaeus (Stygnus) pilosulus Thomson, 1870a: 188 (syn. Reuter, 1875b: 527). ST(S): SV
(south); lost?

Distr. EU: AU BH BU BY CR CZ DE EK EN FI GE GR HU IT NR PL RO RU (CT
NT ST) SK SL SV SZ UK YU. AS: AK AT RU (ES WS).

Ref.: Reuter, 1875b (*Stygnocoris*).

Note: Some geographical indications quoted above could concern the recently separated
sibling species *Stygnocoris cimbricus*. As a consequence, the map given by Péricart
(1999b: 184) may partly be misleading.

***Stygnocoris rusticus* (Fallén, 1807)**

Lygaeus rusticus Fallén, 1807: 70. LT (Péricart, 1993b: 298): ♀ (brach.), SV, Esperöd;
MZLU.

Stethotropis incana Fieber, 1870: 245 (syn. Douglas & Scott, 1875: 184). ST(S): ♀, GB,
England; lost?

Stygnus rusticus var. *agricola* Westhoff, 1884: 37. ST(S): GE, Westfalia; lost?

Distr. EU: AN AU BE BH BU BY CR CZ DE EK 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.
NA: AG? LB? MO? AS: AB AK AR CH (NW) KI. EL: N America (Canada, USA).

Ref.: Eyles, 1963a (biol.); Pfaler, 1936 (biol.).

***Stygnocoris sabulosus* (Schilling, 1829)**

Lygaeus pedestris Fallén, 1807: 71 (junior primary homonym of *Lygaeus pedestris*
Panzer, 1797). LT (Péricart, 1993b: 303): ♀, SV (south), Esperöd; MZLU.

Pachymerus sabulosus Schilling, 1829: 81. New name for *pedestris* Fallén, 1807.

Kleidocerys pubescens Curtis, 1836: text to pl. 612 (syn. Flor, 1860: 244). STS: GB,
Combwood and Parley Heath; MVMA?

Pachymerus dubius Rambur, 1839: 152 (syn. Horváth, 1929b; 323). LT (Scudder,
1967b: 264): ♀, SP, nr Malaga; BMNH.

?*Pachymerus prionoides* Kolenati, 1845: 84. Conditionally proposed in synonymy of
pedestris Fallén for specimens from AB, AR and GG.

Peritrechus rufipes Garbiglietti, 1869: 115 (syn. Puton, 1874a: 226). ST(S): IT, nr

Torino; MIZT?

Distr. EU: AL AN 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.

NA: AG MO? **AS:** AB AK AT GG IN JA! KI MG RU (ES FE WS). **EL:** N America (Canada, Newfoundland, USA).

Ref.: Eyles, 1963a (biol.); Pfaler, 1936 (biol.).

***Stygnocoris similis* Wagner, 1953**

Stygnocoris similis Wagner, 1953a: 8. HT: ♂, CY, Troodos or Famagusta, ZMUH.

Distr. EU: AU BU CR CZ FR GR IT RU (CT ST) SP UK. **AS:** AK? AT CY GG KI? RU (ES? WS?) SY TD? TM?

Ref.: Melber et al., 1991 (identification).

***Stygnocoris subglaber* (Puton, 1889)**

Stygnus subglaber Puton in Noualhier, 1889: 303. HT (see Scudder, 1967a: 157): ♀, CI, Tenerife, Las Mercedes; MNHN.

Stygnocoris uytenboogaarti Blöte, 1929: 166 (syn. Péricart, 1993b: 305). LT (Péricart, 1993b: 305, as HT): ♀ (brach.), CI, Gran Canaria, Isleta; RMNH.

Esuridea maculata (non Reuter, 1890): Blöte, 1929: 167. Misidentification (see Péricart, 1999b: 189).

Distr. NA: CI.

***Stygnocoris truncatus* (Horváth, 1893)**

Stygnus truncatus Horváth in Saunders, 1893: 101. HT (see Scudder, 1970b: 205): ♂, Gibraltar; BMNH.

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

Ref.: Péricart, 1993b (rev. genus); 1999b (monogr.); Stichel, 1958 (monogr.).

Genus *Stygnocorisella* Hoberlandt, 1956

Stygnocorisella Hoberlandt, 1956: 125. Type species by original designation: *Stygnus mayeti* Puton, 1879.

Ref.: Péricart, 1999b (monogr.); J.A. Slater, 1964a (World cat.); Stichel, 1958 (monogr.).

***Stygnocorisella mayeti* (Puton, 1879)**

Stygnus mayeti Puton, 1879c: 16. LT (Scudder, 1967a: 155): ♂, FR, nr Béziers, Rocante; MNHN.

Distr. EU: AL FR GR SP. **NA:** AG TU **AS:** AB AR AT IQ IS SY.

Ref.: Hoberlandt, 1956 (*Stygnocorisella*).

TRIBE TARGAREMINI Ashlock, 1964

TARGAREMINI Ashlock, 1964: 421. Type genus: *Targarema* White, 1878, New Zealand.

Ref.: J.A. Slater & O'Donnell, 1995 (suppl. World cat.).

Genus *Tomocoris* Woodward, 1953

Tomocoris Woodward, 1953: 212. Type species by original designation: *Tomocoris truncatus* Woodward, 1953, New Zealand.

Longihaustum Woodward, 1953: 214 (downgraded to subgenus by Woodward, 1959: 51, 53; syn. Woodward, 1963: 217). Type species by original designation: *Longihaustum ornatum* Woodward, 1953, New Zealand.

***Tomocoris miyamotoi* Esaki & Hidaka, 1958**

Tomocoris miyamotoi Esaki & Hidaka, 1958: 220. HT: ♂, JA, Kyushu, Fukuoka Pref., Kurume; KUEC.

Distr. AS: JA.

Tribe UDEOCORINI Sweet, 1967

UDEOCORINI Sweet, 1967: 223. Type genus: *Udeocoris* Bergroth, 1918, Australia.

Genus *Serranegra* Lindberg, 1959

Serranegra Lindberg, 1959: 59. Type species by original designation: *Serranegra petrophila* Lindberg, 1959.

***Serranegra petrophila* Lindberg, 1959**

Serranegra petrophila Lindberg, 1959: 59. HT: ♂, Cabo Verde Is; MZHF.

Distr. AS: YE. EL: Cabo Verde Is.

Species of Lygaeidae incertae sedis

***Lygaeus cunicularis* Gistel, 1857**

Lygaeus? *cunicularis* Gistel, 1857: 68. ST(S): GE; lost.

Distr. EU: GE.

***Lygaeus perhibernans* Gistel, 1857**

Lygaeus? *perhibernans* Gistel, 1857: 83. ST(S): GE; lost.

Distr. EU: GE.

Family PIESMATIDAE Amyot & Serville, 1843

E. Heiss & J. Péricart

The family includes 6 genera and about 40 species, more than half of them belonging to the Holarctic genera *Piesma* and *Parapiesma*. The four extralimital genera show a restricted distribution: *Afropiesma* Péricart, 1974 (Africa); *Mcateella* Drake, 1924 (Australia); *Miespa* Drake, 1948 (Chile) and *Thaicoris* Kormilev, 1969 (Thailand). All species are small, ranging from 1.25-4 mm and have the same general appearance as the lacebug family Tingidae, where they have been placed systematically until Reuter (1910b). They are distinguished, however, by the scutellum not covered by the pronotum and the presence of ocelli and a stridulatory apparatus. Nymphs are similar to adults and have normally five instars. All representatives are strictly phytophagous, feeding preferably on Chenopodiaceae and Caryophyllaceae (*Piesma*, *Parapiesma*) and most possibly on Leguminosae as *Acacia* (*Afropiesma*, *Mcateella*).

Only two species, *Parapiesma quadratum* in Europe and *Parapiesma cinereum* in North America gained economical importance as severe agricultural pests, transmitting virus diseases affecting sugar and fodder beets. Smaller damages are reported from *Piesma maculatum*.

Most important publications: Horváth, 1906c (synopsis); Drake & Davis, 1958 (morphol., syst.); Lee & Park, 1971 (biol.); Schaefer, 1972, 1981 (phylog.); Péricart, 1974 (syst.); V.G. Putshkov, 1974 (biol., faun.); Heiss & Péricart, 1975 (syn.), 1983 (monogr.).

Note: Despite several recent studies on heteropteran phylogeny by different authors, the placement of the family Piesmatidae within the infraorder Pentatomomorpha is still inconsistent. Štys (1961) put them in their own superfamily Piesmatoidea, a classification which was followed by Štys (1964, 1967), Štys & Kerzhner (1975), Schuh (1986), Henry & Froeschner (1988) but not adopted in the present catalogue. Schaefer (1993), Schuh & J.A. Slater (1995) however, placed them in the Lygaeoidea and Henry (1997a) corroborated this arrangement and recognized Piesmatidae including two subfamilies Piesmatinae and Psamminae within the superfamily Lygaeoidea. Future studies will show how far this proposed classification obtains general acceptance.

Family PIESMATIDAE Amyot & Serville, 1843

PIESMATIDAE Amyot & Serville, 1843: 300 (Piesmides). Type genus: *Piesma* Lepeletier & Serville, 1828.

ZOSMENIDAE Dohrn, 1859: 41. Type genus: *Zosmenus* Laporte, 1833 (= *Piesma* Lepeletier & Serville, 1828).

ZOSMERIDAE Douglas & Scott, 1865: 237 (as Zosmoridae on p. 22, incorrect subsequent spelling). Type genus: *Zosmerus* Burmeister, 1835: 262 (= *Piesma* Lepeletier & Serville, 1828).

Note: The spelling Piesmidae used in earlier and recent literature (Horváth, 1911d: 14; Wagner, 1953b; Stichel, 1957: 35; Hsiao & Jing, 1981: 216; Dolling, 1991: 111) is grammatically incorrect as the greek name *Piesma* is neuter in gender and the respective stem is Piesmat- (ICZN, 1999, article 29).

The family was subdivided into two subfamilies: Piesmatinae Amyot & Serville, 1843 including all but one genera and species and Thaicorinae Kormilev, 1969 with one species from Thailand. As the status of the latter is questioned (Schuh & J.A. Slater, 1995: 266; Henry, 1997a) and all Palaearctic species belong to the nominal subfamily, a subdivision is omitted in the present catalogue.

Genus *Parapiesma* Péricart, 1974

Parapiesma Péricart, 1974: 54 (as subgenus, upgraded by Heiss & Péricart, 1997: 119).

Type species by original designation: *Tingis cinerea* Say, 1832, USA, S America.

Ref.: Heiss & Péricart, 1975 (syn.), 1983 (monogr.), 1997 (tax.); Hsiao & Jing, 1981 (monogr.).

Parapiesma alashanensis (Narsu & Nonnaizab, 1993)

Piesma alashanensis Narsu & Nonnaizab, 1993: 87. HT: ♂, CH (NO), Inner Mongolia, Alashan League; IMTU.

Distr. AS: CH (NO).

Parapiesma atriplicis (Frey-Gessner, 1863)

Zosmenus atriplicis Frey-Gessner, 1863: 118 (downgraded to subspecies of *kolenatii* by Heiss & Péricart, 1975: 531; restored by Heiss & Péricart, 1997: 119). LT (Heiss & Péricart, 1975: 530): ♀ (subbrach.), RU (ST), "Sarepta" [= Krasnoarmeysk, nr Volgograd]; MNHN.

Zosmenus atriplicis Becker, 1864: 488. STS: RU (ST), "Sarepta" [= Krasnoarmeysk, nr Volgograd], no LT selected (Heiss & Péricart, 1975: 530); ZMAS.

Zosmenus viridulus Jakovlev, 1871: 5 (syn. Horváth, 1906c: 8). LT (Heiss & Péricart, 1975: 530): ♀ (subbrach.), RU (ST), Astrachan [= Astrakhan]; ZMAS.

Zosmenus minutus Jakovlev, 1871: 6 (syn. Horváth, 1906c: 8). ST(S): RU (ST), Astrachan [= Astrakhan]; not located (Heiss & Péricart, 1975: 530).

Zosmenus chenopodii Jakovlev, 1873: 24 (syn. Horváth, 1906c: 8). LT (Heiss & Péricart, 1975: 530): ♂ (macr.), RU (ST), Astrachan [= Astrakhan]; ZMAS.

Zosmenus kolenatii (non Fieber, 1861): Jakovlev, 1873: 24. Misidentification (see Heiss & Péricart, 1975: 533).

Piesma rotundatum (part): Horváth, 1906c: 9. ST(S) from "Caucasus" (MZHF) belong to *P. atriplicis* (Heiss & Péricart, 1975: 530).

Distr. EU: BU EK GR MD RO RU (ST) UK. AS: AB AK AR AT CH (NW) KI TD TM UZ.

Ref.: Heiss & Péricart, 1997 (*Parapiesma*); Kiritshenko, 1951a; V.G. Putshkov, 1974.

Note: The record from SK by Stehlík & Vavrinová (1995) refers to the subbrachypterous morph of *P. quadratum*.

Parapiesma biceps (Hsiao & Jing, 1979)

Piesma biceps Hsiao & Jing, 1979: 456, 458. HT: ♀, CH (NO), Peking [= Beijing], Si-San; TMNH.

Piesma bificens Hsiao & Jing, 1979: 457. Lapsus.

Distr. AS: CH (NO).

Parapiesma josifovi Péricart, 1977

Piesma sp. B: Lee & Park, 1971: 3, 11. Recognized by Heiss & Lee, 1983: 52.

Piesma (Parapiesma) josifovi Péricart, 1977: 33. HT: ♂ (brach.), KO, Rjongaksan nr Pjöngyang; ZISB.

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

Ref.: Heiss & Lee, 1983 (fig.); Lee & Park, 1971 (larvae); Park & Lee, 1975 (biol.).

Parapiesma kerzhneri Heiss & Péricart, 1983

Piesma (Parapiesma) kerzhneri Heiss & Péricart, 1983: 146. HT: ♂ (macr.), RU (WS), Altai Mts., Kosh-Agach; ZMAS.

Distr. AS: CH (NO) MG RU (WS: Altai).

Parapiesma kochiae (Becker, 1867)

Zosmenus kochiae Becker, 1867: 113. LT (Heiss & Péricart, 1975: 534): ♀ (brach.), RU (ST), "Sarepta" [= Krasnoarmeysk, nr Volgograd]; ZMAS.

Zosmenus fieberi Jakovlev, 1873: 27 (syn. Horváth, 1906c: 9). LT (Heiss & Péricart, 1975: 534): ♀ (macr.), RU (ST), Astrachan [= Astrakhan]; ZMAS.
Zosmenus porcatum Horváth, 1874a: 332 (syn. Horváth, 1906c: 9). STS: HU, Pest; HNHN.
 Distr. EU: AU BU EK GR HU MD RO RU (CT ST) SK SL UK "YU". AS: AB AK AR CH (NO NW) GG KI RU (ES WS) TD TM UZ.
 Ref.: Heiss & Péricart, 1997 (*Parapiesma*).

***Parapiesma kolenatii* (Fieber, 1861)**

Tingis (*Zosmenus*) *laportei* (non Fieber, 1844): Kolenati, 1857: 423. Misidentification (see Fieber, 1861a: 116).
Zosmenus kolenatii Fieber, 1861a: 116. LT (Heiss & Péricart, 1975: 529 as "type"): AB, Elisabethpol [= Gyandzha]; MNHN.
 Distr. AS: AB AT.
 Ref.: Heiss & Péricart, 1997 (*Parapiesma*).

***Parapiesma longicarinum* (Hsiao & Jing, 1979)**

Piesma longicarinum Hsiao & Jing, 1979: 457 (downgraded to subspecies of *kochiae* by Heiss & Péricart, 1983: 156; restored by Heiss & Péricart, 1997: 119). HT: ♂, CH (NO), Peking [= Beijing]; TMNH.
 Distr. AS: CH (NO) MG.
 Ref.: Heiss & Péricart, 1997 (*Parapiesma*); Hsiao & Jing, 1981 (fig.).

***Parapiesma pupula* (Puton, 1879)**

Piesma pupula Puton, 1879a: 297. LT (Heiss & Péricart, 1975: 528): ♂, brach., FR, Corsica; MNHN.
Piesma ellipticum Wagner, 1957c: 318 (syn. Heiss & Péricart, 1975: 537). HT: ♂, brach., FR, Pyrénées Orientales, Col de Millières; ZMUH.
 Distr. EU: BH CR FR IT (Sardinia) SP. NA: AG.

***Parapiesma quadratum* (Fieber, 1844)**

?*Acanthia clavicornis* (non Linnaeus, 1758): Fabricius, 1775: 694. Misidentification (see Reuter, 1888a: 218; Heiss & Péricart, 1975: 523).
Zosmenus quadratus Fieber, 1844: 31. NT (Heiss & Péricart, 1975: 535): ♂ (macr.), IT, Trieste; NHMW.
Zosmenus dilatatus Jakovlev, 1873: 28 (syn. Horváth, 1906c: 6). LT (Heiss & Péricart, 1975: 523): ♀ (brach.), RU (ST), Astrachan [= Astrakhan]; ZMAS.
Zosmenus convexcicollis Jakovlev, 1873: 29 (syn. Heiss & Péricart, 1975: 537). HT: ♀ (brach.), RU (ST), "Sarepta" [= Krasnoarmeysk, nr Volgograd]; ZMAS (Heiss & Péricart, 1975: 524).
Piesma quadratum var. *rotundicollis* Rey, 1888a: 189 (upgraded to species by Wagner, 1953b: 68; syn. Heiss & Péricart, 1975: 525, 537). LT (Heiss & Péricart, 1975: 523): ♂ (macr.), FR (Var or Alpes-Maritimes); NHML.
Piesma quadratum var. *nigroscutellata* Péneau, 1921: 57. ST(S): FR (Île de Ré); lost (see Heiss & Péricart, 1975: 523).
Piesma quadratum f. *ruda* Jordan, 1953: 8. ST(S): GE (Saxonia); lost? (see Heiss & Péricart, 1975: 523).
Piesma chinianum Drake & Maa, 1953: 87 (syn. Heiss & Péricart, 1983: 111). HT: ♀ (submacr.), CH (SE), Canton [= Guangzhou] (see Heiss & Péricart, 1983: 119); USNM.
Piesma suaedae Wagner, 1954e: 5 (syn. Heiss & Péricart, 1975: 525, 537). HT: ♂, CR, Dalmatia, Kaštel Lukšić; ZMUH.
Piesma spergulariae Woodroffe, 1966: 107 (downgraded to subspecies by Heiss & Péricart, 1975: 537; syn. Heiss & Péricart, 1983: 111). HT: ♂, GB (Scilly Is);

BMNH.

Distr. EU: AU BE BH BU BY CR CZ DE EN EK FI FR GB GE GR HU IR IT LI LS
LU MC MD NL NR PL PO? RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA:
AG TU. **AS:** AB AK AR AT CH (NE NO NW SE) GG KI KO MG RU (ES WS) UZ.
Ref.: Ext, 1923 (biol.); Horváth, 1906c (distr.); Péricart, 1974 (*Parapiesma*); Wille,
1929 (biol.).

***Parapiesma rotundatum* (Horváth, 1906)**

?*Zosmenus atriplicis* (non Frey-Gessner, 1863): Stål, 1874b: 44. Misidentification (see
Horváth, 1906c: 9).

Piesma rotundatum Horváth, 1906c: 9 (downgraded to subspecies of *kolenatii* by Heiss &
Péricart, 1975: 533; restored by Heiss & Péricart, 1997: 119). LT (Heiss & Péricart,
1975: 531): ♀ (brach.), AG, Bône [= Annaba]; HNHM.

Piesma rotundatum var. *pygmaea* Horváth, 1906c: 9 (syn. Heiss & Péricart, 1975: 533).
LT (Heiss & Péricart, 1975: 531): ♂, brach., IS, Jordan; HNHM.

Piesma minimum Wagner, 1954a: 7 (syn. Ribes, 1974: 88). HT: ♂, brach., CI,
Fuerteventura, Jable; ZMUH.

Distr. EU: IT (Sicily) MC SP. NA: AG CI EG! LB MO TU. **AS:** CY IQ IS SY YE.
EL: W Pakistan (Quetta).

Ref.: Heiss & Péricart, 1997 (*Parapiesma*).

***Parapiesma salsolae* (Becker, 1867)**

Zosmenus salsolae Becker, 1867: 113. LT (Heiss & Péricart, 1975: 527): ♀, RU (ST)
"Sarepta" [= Krasnoarmeysk, nr Volgograd]; ZMAS.

Zosmenus kolenatii (non Fieber, 1861): Jakovlev, 1873: 24. Misidentification (see
Horváth, 1906c: 7).

Piesma variabile (non Fieber, 1844): Hsiao & Jing, 1979: 457; Hsiao & Jing, 1981: 219,
photo 278. Misidentification (see Heiss & Péricart, 1983: 123).

Distr. EU: AU BU BY DE FI FR GE GR HU IT MD NL RO RU (NT ST) SK SP UK
YU. **AS:** AB AK AR AT CH (NO) MG RU (ES WS).

Ref.: Heiss, 1972; V.G. Putshkov, 1974 (biol.).

***Parapiesma silenens* (Horváth, 1888)**

Zosmenus silenens Horváth, 1888a: 176. LT (Heiss, 1971: 25): ♂ (submacr.), HU,
Kecskemét; HNHM.

Piesma tesquorum Kiritshenko, 1954: 301 (nomen nudum; syn. Heiss & Péricart, 1975:
537).

Distr. EU: AU BU BY CZ EK FR GE HU IT MC RU (ST) SK SP UK YU. **AS:** AK.

Ref.: Heiss, 1971, 1972 (tax.).

Note: The record from AT (Hoberlandt, 1956: 85) refers to *salsolae*.

***Parapiesma tenellum* (Horváth, 1906)**

Piesma tenellum Horváth, 1906c: 8. LT (Heiss & Péricart, 1975: 533): ♂ (macr.), TM
("Turcomania"); HNHM.

Distr. AS: IQ SA TM.

Ref.: Linnavuori, 1986 (distr.).

***Parapiesma unicolor* (Wagner, 1954)**

Piesma unicolor Wagner, 1954f: 40. HT: ♂, NR, Dovre-Fjeld nr Valasjö; MZLU.

Distr. EU: NR.

***Parapiesma variabile* (Fieber, 1844)**

Zosmenus variabilis Fieber, 1844: 32. LT (Heiss & Péricart, 1975: 527): ♂, CZ
("Bohemia"); MNHN.

Zosmenus maculatus (non Laporte, 1833): Jakovlev, 1873: 24. Misidentification (see

Horváth, 1906c: 7).

Piesma variabile var. *brevicornis* Rey, 1888a: 189. LT (Heiss & Péricart, 1975: 527): ♀ (macr.), FR, Bresse nr Lyon; MHNH.

Distr. EU: AU BH BU BY CR CZ FR GE GR IT? MC MD PL PO? RU (CT NT) SP SZ UK YU. NA: AG? AS: AK RU (ES).

Ref.: Heiss, 1971 (tax.).

Note: The record from MG concerns *P. salsolae* (see Heiss & Péricart, 1983: 128).

Genus *Piesma* Lapeletier & Serville, 1828

Piesma Lapeletier & Serville, 1828: 653 (as subgenus of *Tingis*; upgraded by Brullé, 1836: 342). Type species by subsequent designation (Brullé, 1836: 342): *Acanthia capitata* Wolff, 1804.

Aspidotoma Curtis, 1833b: 196. Type species by monotypy: *Acanthia capitata* Wolff, 1804.

Zosmenus Laporte, 1833: 49 (syn. Westwood, 1840: 120). Type species by monotypy:

Zosmenus maculatus Laporte, 1833.

Zosmerus Burmeister, 1835: 262. Incorrect subsequent spelling.

Agrammodes Uhler in Gillette & Baker, 1895: 56 (syn. McAtee, 1919a: 82). Type species by original designation: *Agrammodes costatus* Uhler, 1895, USA.

Ref.: Drake & Davis, 1958 (morph., syst.); Heiss & Péricart, 1975 (syn.), 1983 (monogr.), 1997 (tax.); Hsiao & Jing, 1979 (tax.); Péricart, 1974 (tax.); Schaefer, 1972, 1981 (phyl.).

Piesma capitatum (Wolff, 1804)

Acanthia capitatum Wolff, 1804: 131. NT (Heiss & Péricart, 1975: 534): ♂ (macr.), AU; MHNH (coll. Noualhier).

Tingis collaris Zetterstedt, 1828: 481 (syn. Horváth, 1906c: 4): LT (Heiss & Péricart, 1975: 520): ♂ (macr.), SV; MZLU.

Tingis anticus Stephens, 1829a: 336 (syn. Fieber, 1844: 35, with *collaris*; see also Zetterstedt, 1828: 481; Heiss & Péricart, 1975: 536). For *Tingis capitata* var. β in Fallén, 1807: 40. STS: (brach.), SV and GB.

Tingis pedicularis Herrich-Schaeffer, 1833a: 19 (syn. Fieber, 1844: 35, with *collaris*). ST(S): brach., GE; lost (Heiss & Péricart, 1975: 521).

Piesma maculatum (non Laporte, 1833): A. Costa, 1847a: 21. Misidentification (see A. Costa, 1862: 36).

Zosmenus stephensii Fieber, 1844: 35 (syn. Horváth, 1906c: 5): ST(S): brach., CZ, Prague; lost (Heiss & Péricart, 1975: 521).

?*Tingis apiaster* Gistel, 1857: 87 (syn. Kerzhner, 1993: 101, suspected). ST(S): GE; lost.

Piesma pallidum A. Costa, 1862: 36 (syn. Puton, 1879b: 87). For *maculatum* sensu A. Costa, 1847. ST(S): IT, Naples.

Piesma capitatum var. *declivis* Rey, 1893: 97. HT: ♂ (brach.), FR, Lyon; MHNH.

Piesma capitatum var. *divergens* Rey, 1893: 97. LT (Heiss & Péricart, 1975: 521): ♂ (brach.), FR, Lyon; MHNH.

Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GE GR HU IT LA LI LS LU MC MD NR PL PO? RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG? EG MO? TU? AS: AK AT CH (CE NO NW SW) JA KI KO MG RU (ES FE! WS) TD TM UZ.

Note: Records from AB and AR need confirmation.

Piesma maculatum (Laporte, 1833)

Tingis capitatum (non Wolff, 1804): Fallén, 1807: 40, 1829: 150. Misidentification (see Horváth, 1906c: 5).

Zosmenus maculatus Laporte, 1833: 49. NT (Heiss & Péricart, 1975: 535): ♂ (macr.), FR, Sablière d'Annet nr Paris; MHNH.

Zosmenus laportei Fieber, 1844: 33 (syn. Fieber, 1844: 33, suspected; Puton, 1879b: 86). LT (Heiss & Péricart, 1975: 522): ♂, "Europe" (AU, Vienna or CZ, "Bohemia", Prague); MNHN.

Zosmenus viridis Jakovlev, 1871: 7 (downgraded to var. by Horváth, 1906c: 6). LT (Heiss & Péricart, 1975: 536): ♀ (submacr.), RU (ST), Astrachan [= Astrakhan]; ZMAS.

Distr. EU: AU BE BH BU BY CR CZ DE EK EN FI FR GB GE GR HU IR IT LA LU MA MC MD NL NR PL PO RO RU (CN NT ST) SK SL SP SV SZ UK YU. NA: AG MO TU. AS: AB AK AR AT CH (NE NO) GG JA KI KO MG RU (ES FE WS) TK UZ.

Ref.: Lee & Park, 1971 (larvae); Yildirim & Özbek, 1990 (biol.).

Note: The Record from TD (Kiritshenko, 1964) is based on misidentification.

***Piesma xishaenum* Hsiao & Jing, 1979**

Piesma xishaenum Hsiao & Jing, 1979: 456. HT: ♂, CH (SE), Kwangtung [= Guangdong], Xisha Is.; TMNH.

Distr. AS: CH (SE).

Ref.: Hsiao & Jing, 1981 (tax.).

Family MALCIDAE Stål, 1865

I. M. Kerzhner

The family (for a long time considered as a subfamily of Lygaeidae) includes 3 genera and about 35 species. Most species are distributed in the Oriental Region and East Palaearctic, and a few in tropical Africa.

The morphology and phylogenetic relationships are discussed by Štys (1967) and Henry (1997a).

Malcidae are plant feeders; Chauliopinae and at least some Malcinae feed on legumes.

World catalogue: J.A. Slater (1964a) with additions by J.A. Slater & O'Donnell (1994). The Chinese species were reviewed by Zheng & Zou (1981a) and Zheng (1999).

Family MALCIDAE Stål, 1865

MALCIDAE Stål, 1865: 121 (Malcida; as subfamily of Lygaeidae; upgraded by Štys, 1967: 427). Type genus: *Malcus* Stål, 1860.

Subfamily CHAULIOPINAE Breddin, 1907

CHAULIOPINAE Breddin, 1907a: 40. Type genus: *Chauliops* Scott, 1874.

Ref.: Štys, 1963 (diagn., checklist), 1967 (morph.); Sweet & Schaefer, 1985 (key to Asian species).

Genus *Chauliops* Scott, 1874

Chauliops Scott, 1874: 427. Type species by monotypy: *Chauliops fallax* Scott, 1874.

Chauliops bisontula Banks, 1909

Chauliops bisontula Banks, 1909: 573. HT: Philippines, Palawan, Tara Is.;

Entomological Collection, Bureau (later Institute) of Sciences, Manila, Philippines.

Distr. AS: CH (CE SE). EL: Oriental Region (Indonesia, Malaysia, Philippines).

Ref.: Zheng & G.C. Liu, 1998 (larva).

Chauliops fallax Scott, 1874

Chauliops fallax Scott, 1874: 428. ST(S): ♀, JA; BMNH.

Distr. AS: CH (CE NO SE SW) JA KO TA.

Ref.: Sweet & Schaefer, 1985 (biol., larva).

Note: Records from India and Sri Lanka refer to other species.

Chauliops horizontalis Zheng, 1981

Chauliops horizontalis Zheng, 1981: 188, 189. HT: ♂, CH (SE), Fukien [= Fujian], Chong'an; NKUM.

Distr. AS: CH (CE SE).

Subfamily MALCINAE Stål, 1865

Genus *Malcus* Stål, 1860

Malcus Stål, 1860b: 241. Type species by monotypy: *Malcus flavidipes* Stål, 1860.

Ref.: Štys, 1967 (monogr.); Zheng & Chen, 1998 (phyl. & biogeogr. of Chinese spp.).

Malcus arcuatus Zheng, Zou & Hsiao, 1979

Malcus arcuatus Zheng, Zou & Hsiao, 1979b: 273, 278. HT: ♀, CH (SE), Fujian, Jianyang; NKUM.

Distr. AS: CH (SE).

Malcus auriculatus Štys, 1967

Malcus auriculatus Štys, 1967: 463. HT: ♂, Burma, Kambaiti; BMNH.

- Distr.** AS: CH (CE SE SW). **EL:** Burma.
- Malcus dentatus* Štys, 1967**
Malcus dentatus Štys, 1967: 464. HT: ♂, Thailand, Biserat; BMNH.
Distr. AS: CH (SW). **EL:** Thailand.
Ref.: Zheng, 1999.
- Malcus denticulatus* Zheng, Zou & Hsiao, 1979**
Malcus denticulatus Zheng, Zou & Hsiao, 1979b: 274, 278. HT: ♂, CH (SW), Sichuan, Ya'an; NKUM.
Distr. AS: CH (CE SE SW).
- Malcus elevatus* Zheng, Zou & Hsiao, 1979**
Malcus elevatus Zheng, Zou & Hsiao, 1979b: 275, 279. HT: ♀, Guangxi, Pingxiang; NKUM.
Distr. AS: CH (SE SW).
- Malcus elongatus* Štys, 1967**
Malcus elongatus Štys, 1967: 466. HT: ♂, Burma, Sadon; BMNH.
Distr. AS: CH (CE SE SW). **EL:** Burma.
Ref.: Zheng, 1999; Zheng & G.C. Liu, 1998 (larva).
- Malcus flavidipes flavidipes* Stål, 1860**
Malcus flavidipes Stål, 1860b: 242. LT (Štys, 1967: 471, as HT): ♀, Indonesia, Java; NHRS.
Malcus scutellata Distant, 1901b: 472 (syn. Breddin, 1907a: 41; Štys, 1967: 481). LT (Štys, 1967: 476, as HT): ♂, Ceylon [= Sri Lanka]; BMNH.
Distr. AS: CH (SE SW). **EL:** Oriental Region (Sri Lanka to Indonesia and Philippines).
 Extralimital subspecies: *Malcus flavidipes asper* Štys, 1967, Northeast India; *Malcus flavidipes kumaunensis* Štys, 1967, Northwest India.
Ref.: Zheng, 1999.
- Malcus furcatus* Štys, 1967**
Malcus furcatus Štys, 1967: 479. HT: ♂, Burma, Kambaiti; BMNH.
Distr. AS: CH (SW). **EL:** Burma.
- Malcus gibbus* Zheng, Zou & Hsiao, 1979**
Malcus gibbus Zheng, Zou & Hsiao, 1979b: 275, 279. HT: ♀, Yunnan, nr Simao; NKUM.
Distr. AS: CH (SW).
- Malcus idoneus* Horváth, 1914**
Malcus idoneus Horváth, 1914: 635. LT (Štys, 1967: 481): ♂, TA, Kosempo [= Chiahsien]; HNHM.
Distr. AS: CH (SW WP) TA.
- Malcus inconspicuus* Štys, 1967**
Malcus inconspicuus Štys, 1967: 483. HT: ♀, Vietnam, Ho Lang [= Ha Lang]; MGAB.
Distr. AS: CH (CE SE SW). **EL:** Vietnam.
- Malcus indicus* Štys, 1967**
Malcus indicus Štys, 1967: 485. HT: ♂, India, Madras, Trichinopoly [= Tiruchchirappalli]; HNHM.
Distr. AS: CH (SW). **EL:** S India.
- Malcus insularis* Štys, 1967**
Malcus insularis Štys, 1967: 487. HT: ♂, TA, Hassenzan (Taichu-Shu) [= Taiching], "Kahodai-Reimen"; KUEC.

Distr. AS: TA.

***Malcus japonicus* Ishihara & Hasegawa, 1941**

Malcus japonicus Ishihara & Hasegawa, 1941: 105. HT: ♀, JA, Honshu, Okutama;
National Institute of Agro-Environmental Sciences, Tsukuba, Ibaraki, JA.

Distr. AS: CH (SE) JA KO.

***Malcus nigrescens* Štys, 1967**

Malcus nigrescens Štys, 1967: 492. HT: ♀, Burma, Kambaiti; BMNH.

Distr. AS: CH (SE SW WP). EL: Burma.

***Malcus noduliferus* Zheng, Zou & Hsiao, 1979**

Malcus noduliferus Zheng, Zou & Hsiao, 1979b: 273, 278. HT: ♂, CH (SW), Yunnan,
Xishuangbanna; TMNH.

Distr. AS: CH (SE SW).

***Malcus piceus* Zheng, Zou & Hsiao, 1979**

Malcus piceus Zheng, Zou & Hsiao, 1979b: 276, 279. HT: ♂, CH (SE), Guangxi,
Longsheng, Meng'a; TMNH.

Distr. AS: CH (SE SW).

***Malcus setosus* Štys, 1967**

Malcus setosus Štys, 1967: 498. HT: ♀, Burma, Carin Cheba [= Karennee]; BMNH.

Distr. AS: CH (SW). EL: Burma.

***Malcus similis* Štys, 1967**

Malcus similis Štys, 1967: 499. HT: ♂, Burma, Nam Tamai Valley; BMNH.

Distr. AS: CH (SW). EL: Burma.

***Malcus sinicus* Štys, 1967**

Malcus sinicus Štys, 1967: 501. HT: ♂, CH (SW), Sichuan, Lunanfu [= Pingwu],
"Khodzigou"; ZMAS.

Distr. AS: CH (CE NO SE SW).

Ref.: Zheng, 1999; Zheng & G.C. Liu, 1998 (larva).

***Malcus subauriculatus* Zheng, Zou & Hsiao, 1979**

Malcus subauriculatus Zheng, Zou & Hsiao, 1979b: 277, 280. HT: ♂, CH (SW),
Yunnan, Xishuangbanna, Meng'a; TMNH.

Distr. AS: CH (SW).

***Malcus thoracicus* Štys, 1967**

Malcus thoracicus Štys, 1967: 503. HT: ♀, CH (SW), Kouy-Tchéou [= Guizhou], env.
of Pin-Fa [= Pingba]; MNHN.

Distr. AS: CH (SW).

Note: In the original description, the position of the type locality was misinterpreted as
either N Vietnam or prov. Guangxi in CH (SE).

Family BERYTIDAE Fieber, 1851 - Stilt-bugs

J. Péricart

The rather little family Berytidae includes about 45 genera and 155 species. It contains some of the most strange and morphologically diverse forms among Heteroptera. A number of them have an elongated body and display long and slender appendages, especially legs, which give them the current name of stilt bugs in the English literature, but some possess short appendages; one knows Berytids armed with erect spines or globose tubercles on head, pronotum and sometimes even hemelytra. Despite careful studies like those performed by V. G. Putshkov in Ukraine on Palaearctic species, the biology of these slowly walking, rarely flying bugs remains poorly known; in most cases in our countries, they seem to be mainly phytophagous, frequently tied to viscous glandular plants, but efficient entomophagous diets do exist. Almost nothing can be written about ecology of tropical species.

Berytids are trichophorous Heteroptera that must be included in the Lygaeoidea complex of Pentatomomorpha. Their head bear ocelli, four-segmented antennae and a rather slender, three-segmented rostrum. Most parts of the body are in many cases punctured or reticulated; scutellum ends not rarely with a long apical erected spine; wing polymorphism occurs frequently in some groups; evaporative areas of metathoracic glands, always present, have often evolved a long protruding peritreme. Hemelytral membranes show 5-6 veins like those of Lygaeids. Legs frequently have apically swollen femora; tarsi are 3-segmented, their claws with arolia. Genitalia are symmetrical, males bear two symmetrical claspers, and females have well-developed ovipositors.

Eggs have no operculum, and larvae develop in five instars; all known larvae bear two dorsal scent glands and some, at minus during their youth, possess erect glandular setae.

In the most recent works, Berytids were subdivided in two subfamilies, Berytinae and Metacanthinae; resulting from a recent cladistic analysis, Henry (1997b) proposed to elevate this number to three, by recognizing a subfamily status to Gampsocorini, formerly included in Metacanthinae. We shall adopt here this division.

World catalogues: Lethierry & Severin, 1894 (outdated); Henry & Froeschner, 1998, 2000 (with summary of known host plants for each species). Palaearctic catalogue: Oshanin, 1906. Classification: Henry, 1997b. Monographs: West-Palaearctic - Péricart, 1984; Ukraine - V. G. Putshkov, 1974; Americas - Henry, 1997c. Faunistic works: Europe - Stichel, 1957; British Isles - Southwood & Leston, 1959; former European Soviet Union - Kiritschenko, 1951b; Yakutia - Vinokurov, 1985; China - Hsiao, 1974.

Outside these synthetic contributions, one must acknowledge a number of excellent descriptive papers by Štusák who devoted considerable effort and skill to the knowledge of Berytids at a worldwide scale, and sadly died before to prepare himself this present Chapter of the Catalogue.

Family BERYTIDAE Fieber, 1851

BERYTIDAE Fieber, 1851b: 9 (Berytidea). Type genus: *Berytus* Fabricius, 1803 (= *Neides* Latreille, 1802).

NEIDIDAE Mulsant & Rey, 1870: 186, 202 (Néidaires); Reuter, 1910b: 9, 77 (as replacement name for Berytidae). Type genus: *Neides* Latreille, 1802.

BERYTINIDAE Southwood & Leston, 1959: 118. Type genus: *Berytinus* Kirkaldy, 1900.

Ref.: Grozeva, 1995 (karyotypes, male reproductive systems, trichobothria); Henry, 1997b (cladistics), 1997c (American sp.); Henry & Froeschner, 1998, 2000 (World cat.); Hsiao, 1974 (monogr.); Péricart, 1984 (monogr.); Puton, 1881c (monogr.); Southwood & Leston, 1959 (monogr.); Stichel, 1957 (monogr.).

Note: Opinion 1504 (1988: 230-232) placed Berytidae on the Official List of Family-group Names in Zoology.

Subfamily BERYTINAE Fieber, 1851

Tribe BERYTINI Fieber, 1851

Ref.: Henry, 1997c.

Genus *Apoplymus* Fieber, 1859

Apoplymus Fieber, 1859: 206. Type species by monotypy: *Apoplymus pectoralis* Fieber, 1859.

Ref.: Péricart, 1984 (monogr.).

***Apoplymus pectoralis* Fieber, 1859**

Apoplymus pectoralis Fieber, 1859: 206. ST(S): FR, Corsica; lost?

Distr. EU: AL BU CR ET FR GR IT MC PO RO SP UK. NA: AG MO TU. AS: AT CY IQ IS SY.

Genus *Chinoneides* Štusák, 1989

Chinoneides Štusák, 1989a: 289. Type species by original designation: *Neides lushanica* Hsiao, 1974.

Ref.: Hsiao, 1974 (monogr.).

***Chinoneides lushanicus* (Hsiao, 1974)**

Neides lushanica Hsiao, 1974: 56. HT: ♀, CH (CE), Jiangxi, Lu Shan; NKUM.

Distr. AS: CH (CE).

Ref.: Štusák, 1989a (*Chinoneides*).

Genus *Neides* Latreille, 1802

Neides Latreille, 1802: 246. Type species by subsequent designation (Latreille, 1810; Opinion 1504, 1988: 230): *Cimex tipularius* Linnaeus, 1758.

Berytus Fabricius, 1803: 264. Type species by subsequent designation (Reuter, 1888a: 176): *Cimex tipularius* Linnaeus, 1758.

Podicerus Duméril, 1806: 263. Type species by subsequent designation (China, 1943: 235): *Cimex tipularius* Linnaeus, 1758.

Sphalerocoris Flor, 1860: 205 (as subgenus of *Berytus*). Type species by monotypy: *Cimex tipularius* Linnaeus, 1758.

Ref.: Péricart, 1976 (types), 1984 (monogr.).

Note: The generic name *Berytus* was suppressed by Opinion 1504 (1988).

***Neides aduncus* Fieber, 1859**

Neides aduncus Fieber, 1859: 202. LT (Péricart, 1976: 370): ♀, FR, Corsica, Ajaccio; NHMW.

Neides adunctus [sic]: V.G. Putshkov, 1974: 14, 16. Lapsus.

Distr. EU: AL BH BU CR FR GR IT MC PO SP UK YU. NA: AG CI MO TU. AS: AT CY IS.

***Neides afghanus* Seidenstücker, 1968**

Neides afghanus Seidenstücker, 1968: 235. HT: ♂, AF (East), Salang pass, N side (Khinjan); Staatliches Museum für Naturkunde, Karlsruhe, GE.

Distr. AS: AF AK AT IN KI! TD TM UZ! YE.

Ref.: Štusák, 1989a (distr.).

***Neides brevipennis* Puton, 1895**

Neides tipularius var. *brevipennis* Puton, 1895: 91 (upgraded by Horváth, 1917: 380).

HT (see Péricart, 1976: 370): ♀, "Asie Mineure"; MNHN.

Distr. EU: CR? AS: AB AR AT IN IQ IS LE SY TM YE.

Ref.: Heiss, 1978 (ident.).

***Neides gomeranus* Heiss, 1978**

Neides gomeranus Heiss, 1978: 86. HT: ♂, CI, Gomera, Valle Hermigua; Tiroler Landesmuseum, Innsbruck, AU.

Distr. NA: CI.

Ref.: Heiss & Baez, 1990 (distr.).

***Neides propinquus* Horváth, 1901**

Neides propinquus Horváth, 1901a: 259. LT (Péricart, 1976: 370): ♂, RU (ES), Krasnoyarsk Terr., Minusinsk; HNHM.

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

***Neides tipularius* (Linnaeus, 1758)**

Cimex tipularius Linnaeus, 1758: 451. ST(S): EU; lost.

?*Cimex araneoides* Goeze, 1778: 280 (syn. Harrer, 1784: 322; doubtful according to Reuter, 1888a: 44). For *Cimex* sp. in Schaeffer, 1769: pl. 169, fig. 7. ST(S): GE, Ratisbona [= Regensburg]; lost.

?*Podicerus annulatus* Duméril, 1826: 57 (syn. Duméril, 1826: 57, suspected). STS: SP, Cadix [= Cádiz] and Séville [= Sevilla].

Neides favosus Fieber, 1859: 203 (syn. Hertel, 1955: 116). STS: GE; lost?

Neides parallelus Fieber, 1864: 323 (syn. Reuter, 1871: 598). STS: ♂, ♀ (brach.), GB (England) and CZ (Bohemia); lost?

Neides depressus Douglas & Scott, 1865: 161 (syn. Puton, 1869b: 11, with *parallelus*; Reuter, 1871: 598, with *tipularius*). STS: subbrach., GB, England, Deal and Folkestone; lost?

Neides tipularius var. *immaculatus* Westhoff, 1884: 39. ST(S): GE, Münster, Nubbenberg; lost?

Neides tipularius var. *marginata* Wagner, 1950b: 262. HT: ♂, GE (north), Bullendorf; ZMUH.

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 AK AR AT GG IN IQ RU (WS) UZ.

Ref.: Grozeva, 1995 (karyotypes, ♂ reprod. system, trichobothria); Hertel, 1955 (biol., larvae, morph., syst.); V.G. Putshkov, 1974 (biol., larvae); Stehlík & Vavřínová, 1990 (biol.).

Note: Records from KI and TD refer to *N. afghanus*.

Genus *Yemmatropis* Hsiao, 1977

Yemmatropis Hsiao, 1977a: 285, 304 (as subgenus of *Metatropis*). Type species by original designation: *Metatropis dispar* Hsiao, 1974.

Ref.: Štusák, 1989b (*Yemmatropis*, as genus).

Note: This genus, formally included in the subfamily Metacanthinae by Hsiao (1977a), was transferred to Berytinae by Henry (1997b: 43).

***Yemmatropis dispar* (Hsiao, 1974)**

Metatropis dispar Hsiao, 1974: 60, 64. HT: ♂, CH (SW), Yunnan, Menghai; IZAS.

Distr. AS: CH (SW WP). EL: Burma, Nepal, Thailand.

Ref.: Hsiao, 1977a (subg. *Yemmatropis*); Štusák, 1989b (*Yemmatropis*).

Tribe BERYTININI Southwood & Leston, 1959

BERYTININI Southwood & Leston, 1959: 118 (Berytinidae); Henry, 1997b: 29. Type genus: *Berytinus* Kirkaldy, 1900.

Ref.: Henry, 1997c (American Berytidae).

Genus *Berytinus* Kirkaldy, 1900

Berytus (non Fabricius, 1775): auct.

Berytinus Kirkaldy, 1900: 241. Type species by original designation: *Cimex clavipes* Fabricius, 1775.

Ref.: Péricart, 1976 (syst.), 1984 (monogr.); Stichel, 1957 (monogr.).

Note: Stichel (1957) divided the genus *Berytinus* in two subgenera, *Berytinus* s.str. and *Berytinellus*. Péricart (1976: 356; 1984: 39, 58) discussed the case and concluded, on the basis of several characters, to the validity of these subgenera, and to their practical usefulness for identifications; in his monograph (1984) he only replaced the subgeneric name *Berytinellus* by its senior synonym *Lizinus* Mulsant & Rey, 1870. Henry (1997b) arguing that each of these characters can vary to some extent, and that they consequently were of no phylogenetic value, ruled out this division in subgenera. In fact, the experience acquired by the author of the present chapter after having seen a considerable number of specimens in European collections, and the significant help brought by such a division, when these characters are used as a "complex", especially for identification of many poorly preserved individuals, leads the author to maintain this division, which has been accepted for more than 30 years by European authors.

Opinion 1504 (1988) gave priority to *Berytinus* over *Melorus* (see below) and over *Lizinus* for the cases of future taxonomic changes (see also Dolling, 1985: 293 and Péricart, 1986: 119).

Subgenus *Berytinus* Kirkaldy, 1900

Melorus Mulsant & Rey, 1870: 212 (as subgenus of *Berytus*). Type species by monotypy: *Berytus hirticornis* Brullé, 1836. Suppressed name (Opinion 1504, 1988: 230).

Berytinus Kirkaldy, 1900: 241 (as genus). Type species by original designation: *Cimex clavipes* Fabricius, 1775.

Ref.: Stichel, 1957: 44 (*Berytinus*, as nominotypical subgenus).

Berytinus clavipes (Fabricius, 1775)

Cimex clavipes Fabricius, 1775: 729. NT (Péricart, 1976: 374): ♂ (macr.), SV, Upland, Nysätra, Oxdjupet-tr; MZLU.

Cimex suecicus Gmelin, 1790: 2194. Unnecessary new name for *clavipes* Fabricius, 1775.

Berytus caucasicus Kolenati, 1845: 67 (syn. Herrich-Schaeffer, 1851: 267; confirmed here). LT (designated here): ♂, "Transcaucasia"; NHMW

Berytus angustipennis A. Costa, 1858: 21, 29 (syn. Puton, 1884a: 149). ST(S): brach., IT, Campania, Mte Vergine; lost? (not found at ZIUN by Carapezza et al., 1995).

Berytus vittatus Fieber, 1859: 205 (syn. Reuter, 1875c: 559). ST(S): GE; lost?

Berytus stettinensis Dohrn, 1860b: 105 (syn. Reuter, 1871: 599). STS: PL, Stettin [= Szczecin]; lost.

Berytus (Xanthocerus) longicollis Mulsant & Rey, 1870: 225 (syn. Puton, 1881c: 124). HT: ♀ (macr.), FR, Provence; lost.

Berytinus longiceps Wagner, 1966: 80 (syn. Péricart, 1976: 365). HT: ♂, FR, Dept Rhône, Ecully; ZMUH.

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

Ref.: Grozeva, 1995 (karyotype, ♂ reprod. system).

Berytinus hirticornis hirticornis (Brullé, 1836)

Neides hirticornis Brullé, 1836: 355. NT (Péricart, 1976: 373): ♂ (macr.), FR, Dept Yonne, Brannay; MNHN.

- ?*Berytus trichocerus* Scholtz, 1847: 151 (syn. Mulsant & Rey, 1870: 215, suspected; Reuter, 1885d: 43). ST(S): PL, Silesia; lost.
- Berytus pilicornis* Flor, 1862: 45 (syn. Puton, 1869b: 11). HT: ♂, FR (south), Dept Tarn-et-Garonne, Castelsarrasin.
- Berytus ferrarii* Garbiglietti, 1869: 110 (syn. Puton, 1876: 276). ST(S): IT, Liguria; lost?
- Distr. EU: AU BE BH CR CZ FR GB GE HU LU MC MD NL IT PL RO SK SL UK YU.
- Ref.: Stehlík & Vavřínová, 1995.
- Berytinus hirticornis nigrolineatus* (Jakovlev, 1903)**
- Berytus nigrolineatus* Jakovlev, 1903c: 379 (downgraded to subspecies of *hirticornis* by Péricart, 1976: 360). HT: ♂, GG, Tiflis [= Tbilisi]; ZMAS.
- Berytinus nigrolineatus* var. *pallidus* Jakovlev, 1907a: 216. HT: ♀, UK, Crimea, Agarmysh Mt., nr Kerch; ZMAS.
- Berytinus galvagnii* Tamanini, 1963: 135 (syn. Péricart, 1976: 360). HT: ♂, IT, Calabria, Pizzo Calabro; MCRI.
- Distr. EU: BU GR ET IT RU (ST) UK. NA: EG LB. AS: AB AF AR AT CY GG IN IQ IS SY TD TM UZ YE.
- Berytinus hirticornis pilipes* (Puton, 1875)**
- Berytus pilipes* Puton, 1875d: 495; 1876: 275 (downgraded to subspecies of *hirticornis* by Péricart, 1976: 360). LT (Péricart, 1976: 357): ♀, AG, Bône [= Annaba]; MNHN.
- Distr. EU: FR GR IT PO SP. NA: AG CI MO MR TU.
- Berytinus minor minor* (Herrich-Schaeffer, 1835)**
- Berytus clavipes* (non Fabricius, 1775): Hahn, 1833: 135. Misidentification (see Reuter, 1875c: 559).
- Berytus minor* Herrich-Schaeffer, 1835a: 43; 1835b: 7. NT (Péricart, 1976: 375): ♂ (macr.), GE, Windleite, Kleinfurra; ZMHB.
- Berytus cognatus* Fieber, 1859: 205 (syn. Puton, 1881c: 124). STS: macr., GE, Bayern; lost?
- Berytus fieberi* Dohrn, 1860b: 105 (syn. Reuter, 1871: 601). STS: PL (Stettin [= Szczecin]), FR (Paris), and FI; lost.
- Berytus commutatus* Douglas & Scott, 1865: 158 (syn. Reuter, 1871: 601). STS: GB, England (Eltham, Mickleham, and Plumstead); lost?
- 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 AK GG RU (ES WS). EL: Canada, USA.
- Ref.: Grozeva, 1995 (karyotype, ♂ reprod. system); V.G. Putshkov, 1974 (biol., larvae).
- Berytinus minor hybridus* (Horváth, 1891)**
- Berytus clavipes* var. *hybrida* Horváth, 1891c: 47 (syn. Péricart, 1976: 365, with *minor*, as subspecies). LT (Péricart, 1976: 361): ♀ (subbrach.), RO, Bucharest; HNHN.
- Berytus costulatus* Jakovlev, 1902c: 338 (syn. Péricart, 1976: 367). LT (Péricart, 1976: 361): ♂ (subbrach.), UK, Crimea, Simferopol, Tarnair; ZMAS.
- Berytus semisetosus* Jakovlev, 1907a: 216 (syn. Péricart, 1976: 367). LT (Péricart, 1976: 361): ♂ (subbrach.), UK, Crimea, Agarmysh Mt., nr Kerch; ZMAS.
- Distr. EU: BU MD RO RU (ST) UK. AS: GG.

Subgenus *Lizinus* Mulsant & Rey, 1870

Lizinus Mulsant & Rey, 1870: 212 (as subgenus of *Berytus*). Type species by subsequent designation (Péricart, 1984: 58): *Berytus montivagus* Meyer-Dür, 1841.

Xanthocerus Mulsant & Rey, 1870: 224 (as subgenus of *Berytus*; junior homonym of *Xanthocerus* Agassiz, 1845, Coleoptera). Type species (designated here): *Berytus gracilis* Mulsant & Rey, 1870 (= *Berytus signoreti* Fieber, 1859).

Berytinellus Stichel, 1957: 44, 49 (as subgenus of *Berytinus*). Type species by original designation: *Berytus montivagus* Meyer-Dür, 1841. Objective synonym of *Lizinus* Mulsant & Rey, 1870.

Ref.: Péricart, 1984 (subg. *Lizinus*); Stichel, 1957 (subg. *Berytinellus*).

Berytinus biclavatus (Geoffroy, 1785)

Cimex biclavatus Geoffroy in Fourcroy, 1785: 214. ST(S): FR, nr Paris; lost.

Distr. EU: FR.

Note: A species inquirenda.

Berytinus consimilis (Horváth, 1885)

Berytus consimilis Horváth, 1885: 320. LT (Péricart, 1976: 368): ♀, RO, Tasnad; MNHN.

Distr. EU: AL BU CR CZ FR? GR HU IT MC RO RU (ST) SK YU. AS: AT GG.

Ref.: Stehlík & Vavřínová, 1990 (biol.), 1995 (biol.).

Note: Wagner (1966: 82) unnecessarily designated for this species a neotype, which was put aside by Opinion 1191 (1981: 249). The lectotype locality of Tasnad, erroneously located in N Yugoslavia (Péricart, 1984), is in Romania.

Berytinus crassipes (Herrich-Schaeffer, 1835)

Berytus crassipes Herrich-Schaeffer, 1835a: 43; 1835b: 6a. NT (Péricart, 1976: 377): ♂ (submacr.), GE, Berlin; ZMHB.

Berytus affinis Reuter, 1871: 602. (syn. Péricart, 1976: 369). LT (Péricart, 1976: 369): ♀, SV, Gotland; NHRS (see note).

Berytus crassipes var. *intermedius* Montandon, 1887: 64. LT (Sienkiewicz, 1964: 76; Péricart, 1976: 369): RO, Carpathes, Cruce-Moldav; MGAB.

Distr. EU: AU BE BU? BY CR CZ DE EN FI FR GB GE HU IT LU MC MD NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AK MG RU (ES WS).

Ref.: Stehlík & Vavřínová, 1990 (biol.), 1995 (biol.).

Note: The type series of *B. affinis* Reuter contains one male of *B. montivagus* and one female of *B. crassipes*.

Berytinus distinguendus (Ferrari, 1874)

Berytus distinguendus Ferrari, 1874: 148. LT (Péricart, 1976: 370): ♂, IT, Piemonte, Stazzano; MCSN.

Berytus brevicornis Horváth, 1891c: 49 (syn. Péricart, 1976: 370). LT (Péricart, 1976: 370): ♀, BH, Herzegovina, Neum; HNHN.

Distr. EU: AL BH BU CR CZ ET? FR GR HU IT MC RU (CT ST) SP UK YU. NA: AG CI EG LB MO TU. AS: AB AK AR AT CY GG IN IS KI TD TM UZ YE.

Ref.: Grozeva, 1995 (karyotype, ♂ reproductive system); Stehlík & Vavřínová, 1990 (biol.).

Berytinus geniculatus (Horváth, 1885)

Berytus geniculatus Horváth, 1885: 321. LT (Péricart, 1976: 369): ♀, HU, Buda [= part of Budapest]; HNHN.

Distr. EU: AU BH BU CR CZ FR GE GR HU IT MC MD PO RO RU (ST) SK SL SP SZ UK YU. NA: AG CI LB MO TU. AS: AB AT GG IQ IS?

Ref.: Stehlík & Vavřínová, 1990 (biol.).

***Berytinus montivagus* (Meyer-Dür, 1841)**

Berytus montivagus Meyer-Dür, 1841: 88. LT (Péricart, 1976: 367): ♀, SZ, Burgdorf; MNHN.

Berytus rotundatus Flor, 1862: 44 (syn. Mulsant & Rey, 1870: 216). HT: ♀: FR, Gemenos nr Marseille; lost?

Berytus (Lizinus) hypocrita Mulsant & Rey, 1870: 218 (syn. Mulsant & Rey, 1870: 218, suspected; Péricart, 1976: 367). STS: FR; lost.

?*Berytus infirmus* Mulsant & Rey, 1870: 219 (syn. Mulsant & Rey, 1870: 219, suspected). HT: FR (south); lost.

Berytus affinis (part): Reuter, 1871: 602 (see note under *B. crassipes*).

Berytus simplex Jakovlev, 1907a: 217 (syn. V.G. Putshkov, 1974: 26). LT (Péricart, 1976: 368): ♀, UK, Crimea, Agarmysh Mt., nr Kerch; ZMAS.

Distr. EU: AL AN! AU BE? BH BU CR CZ DE EN? ET FR GB GE GR HU IR IT LU? MA MC MD NL PO RO RU (CT ST) SK SL SP SV SZ UK YU. NA: AG CI EG LB MO MR TU. AS: AB AK AR AT CY GG IN IQ IS JO KI! LE SY TD UZ.

Ref.: Grozeva, 1995 (♂ reproductive system); Péricart, 1984 (biol.); V.G. Putshkov, 1974 (biol., larva); Stehlík & Vavřínová, 1990 (biol.).

***Berytinus setipennis* (Saunders, 1876)**

Berytus setipennis Saunders, 1876a: 102. HT: ♀, MA; BMNH.

Distr. EU: FR (Corsica) GR IT MA SP. NA: AB? AG EG MO TU. AS: AT IS.

***Berytinus signoreti* (Fieber, 1859)**

Berytus signoreti Fieber, 1859: 204. NT (Péricart, 1976: 376): ♂ (submacr.), FR, Montereau; MNHN.

Berytus driebergensis Vollenhoven, 1869: 64 (syn. Fokker, 1883: 249). LT (Péricart, 1976: 369): ♂ (macr.), NL, Sterkenburg; RMNH.

Berytus gracilis Mulsant & Rey, 1870: 227 (syn. Puton, 1881c: 126). ST(S): ♂, FR, "Provence"; MNHN? (not found, see Paulian, 1944: 119).

Berytus pygmaeus Reuter, 1871: 602 (syn. Puton, 1881c: 126). LT (Péricart, 1976: 369): ♂, SV, Gotland; NHRS.

Berytus pygmaeus Lethierry, 1874: 12 (junior primary homonym of *Berytus pygmaeus* Reuter, 1871; syn. Puton, 1881c: 126). LT (Péricart, 1976: 369): ♀, FR, Dept Nord, Ostricourt; MNHN.

Berytus striola (part: only ♀): Ferrari, 1874: 147.

Distr. EU: AU BE BH BU CZ DE EN FI FR GB GE GR HU IR IT LS LU MC NL NR PL PO? RO SK SL SP SV SZ YU. NA: LB? MO? TU? AS: AT CY IS? SY?

Ref.: Péricart, 1984 (biol., larva); Stehlík & Vavřínová, 1990 (biol.).

***Berytinus strangulatus* (Rey, 1888)**

Berytus strangulatus Rey, 1888b: 5. STS: FR, St-Raphaël and Collioure; lost? (Wagner, 1955b: 29; Péricart, 1984: 40).

Distr. EU: FR.

Note: A species inquirenda.

***Berytinus striola* (Ferrari, 1874)**

Berytus striola Ferrari, 1874: 144. LT (Péricart, 1976: 368): ♀, IT, Liguria, Genua, Diano; MCSN.

Berytus procerus Horváth, 1891c: 48 (syn. Puton, 1892c: 319). LT (Péricart, 1976: 368): ♀, CR, Dalmatia, Zengg; HNHN.

Distr. EU: AL AU BH BU CR CZ FR GR HU IT PO RO RU (ST) SK SL! SP UK YU. NA: AG MO TU. AS: AR AT CY GG IQ IS LE SY.

Ref.: V.G. Putshkov, 1974 (biol.); Stehlík & Vavřínová, 1990 (biol.), 1995 (biol.).

Subfamily GAMPSOCORINAE Southwood & Leston, 1959

ARMANAIRES Mulsant & Rey, 1870: 186 (partly). Type genus: *Armanus* Mulsant & Rey, 1870 (= *Gampsocoris* Fuss, 1852).

GAMPSOCORINI Southwood & Leston, 1959: 127 (as tribe; upgraded to subfamily by Henry, 1997b: 49). Type genus: *Gampsocoris* Fuss, 1852.

Ref.: Henry, 1997b (phyl.).

Tribe GAMPSOCORINI Southwood & Leston, 1959

Genus *Gampoacantha* Josifov & Štusák, 1987

Gampoacantha Josifov & Štusák, 1987: 287. Type species by original designation: *Gampoacantha beroni* Josifov & Štusák, 1987.

***Gampoacantha beroni* Josifov & Štusák, 1987**

Gampoacantha beroni Josifov & Štusák, 1987: 288. HT: ♂, Mozambique, Cabo Delgado, Mecufi; ZISB.

Distr. AS: YE. EL: Mozambique.

Genus *Gampsocoris* Fuss, 1852

Gampsocoris Fuss, 1852: 74. Type species by monotypy: *Gampsocoris transsilvanicus* Fuss, 1852 (= *Berytus punctipes* Germar, 1822).

Armanus Mulsant & Rey, 1870: 187. Objective synonym of *Gampsocoris* Fuss, 1852.

Protacanthus Uhler, 1893: 707 (syn. Henry, 1997b: 53); Type species by monotypy:

Protacanthus decorus Uhler, 1893, S America.

Auchenoplus Bergroth, 1913b: 179 (syn. China, 1930: 111, with *Protacanthus*). Type species by monotypy: *Metacanthus bihamatus* Distant, 1909, Sri Lanka.

Lindbergius Josifov, 1965d: 287 (as subgenus of *Gampsocoris*; junior homonym of *Lindbergius* Roudier, 1957, Coleoptera; syn. Henry, 1997b: 53). Type species by monotypy: *Gampsocoris pallidipes* Lindberg, 1959, Cabo Verde Is.

Ref: Henry, 1997c (key of New World *Gampsocoris*); Péricart, 1984 (monogr.); Štusák, 1967 (key of *Protacanthus*);

***Gampsocoris culicinus culicinus* Seidenstücker, 1948**

Gampsocoris culicinus Seidenstücker, 1948: 109. HT: ♂, GE, Bayern, Schwaben, Ebermergen; ZSMC.

Distr. EU: AL AU BH BU CR CZ FR GE GR HU IT MC MD RO RU (ST) SK SL SP SZ UK YU. NA: AG MO. AS: AK AT KI RU (ES WS).

Ref.: V.G. Putshkov, 1974 (biol.).

***Gampsocoris culicinus eckerleini* Josifov, 1959**

Gampsocoris eckerleini Josifov, 1959: 155 (downgraded by Péricart, 1984: 132). HT: ♂, GR, Crete, Timpaki; MHNG.

Distr. EU: GR. AS: CY.

***Gampsocoris culicinus melitenus* Seidenstücker, 1965**

Gampsocoris melitenus Seidenstücker, 1965b: 273 (downgraded by Péricart, 1984: 131). HT: ♂, AT, Malatya, Gündüs-Bey; ZSMC.

Distr. EU: ET UK. AS: AT.

***Gampsocoris enslini* Seidenstücker, 1953**

Gampsocoris enslini Seidenstücker, 1953b: 165. HT: ♂, AT, Taurus, Namrun; ZSMC.

Distr. EU: AL BH BU CR GR "YU". AS: AB AR AT GG IN YE.

***Gampsocoris gatai* Günther, 1997**

Gampsocoris gatai Günther, 1997: 125. HT: ♂, SP (south), Cabo de Gata, Almeria, San José; coll. Günther, Ingelheim, GE.

Distr. EU: SP.

?*Gampsocoris gibberosus* (Horváth, 1922)

Metacanthus gibberosus Horváth, 1922: 187. ST(S): ♂, Formosa [= Taiwan], "Takao"; HNHM.

Distr. AS: TA.

Ref.: Hsiao, 1977a (*Gampsocoris*)

***Gampsocoris gomeranus* Wagner, 1965**

Gampsocoris gomeranus Wagner in Lindberg & Wagner, 1965: 2. HT: ♂, CI, Gomera, Ignalero; ZMUH.

Distr. NA: CI.

***Gampsocoris lilianae* Josifov, 1958**

Gampsocoris lilianae Josifov, 1958b: 269. HT: ♂, BU, Petrič [= Petrich]; ZISB.

Distr. EU: BU.

***Gampsocoris minutus* Josifov, 1965**

Gampsocoris minutus Josifov, 1965d: 288. HT: ♂, IN, Shahrud; ZMAS.

Distr. AS: IN.

***Gampsocoris panorminus* Seidenstücker, 1965**

Gampsocoris panorminus Seidenstücker, 1965b: 275. HT: ♂, IT, Sicilia, nr Palermo, San Martino della Scala; MHNG.

Distr. EU: IT. NA: AG.

***Gampsocoris punctipes punctipes* (Germar, 1822)**

Berytus punctipes Germar, 1822b: text to pl. 21. ST(S): GE, "Halae Saxonum" [= Halle]; ZMUL?

Neides elegans Curtis, 1827: pl. 150 (syn. Herrich-Schaeffer, 1851: 268). ST(S): GB, England; MVMA.

Berytus annulatus Burmeister, 1835: 314 (syn. Signoret, 1853: xxxiii). ST(S): GE; lost ?

Gampsocoris transsylvanicus Fuss, 1852: 74 (syn. Fieber, 1859: 209, with *elegans* under the name *transylvanicus* [sic]). ST(S): RO, Transylvania; lost?

Gampsocoris seidenstueckeri Wagner, 1954g: 37 (syn. Josifov, 1965d: 288). HT: ♂, IT, Sicily, Mt. Etna; MCZR.

Distr. EU: AL AU BE BH BU BY CR CZ? DE FR GB GE GR HU IR IT LU MC NL PL PO RO RU (CT NT ST) SK SL SP SV SZ UK YU. NA: AG CI MO MR TU. AS: AB AK AR GG IS SA.

Ref.: Grozeva, 1995 (karyotype, ♂ reproductive system); V.G. Putshkov, 1974 (biol.); Schwoerbel, 1956 (biol.).

***Gampsocoris punctipes pallidus* Hoberlandt, 1951**

Gampsocoris punctipes f. *pallida* Hoberlandt, 1951: 7 (as species by Seidenstücker, 1965b: 281; downgraded by Péricart, 1984: 125). LT (Péricart, 1984: 125, as HT): ♂, IQ, Badawa, Erbil; NMPC.

Distr. AS: AT CY IQ IS SY TD UZ.

Subfamily METACANTHINAE Douglas & Scott, 1865

METACANTHINAE Douglas & Scott, 1865: 19, 145 (Metacanthidae). Type genus:

Metacanthus A. Costa, 1843.

Tribe METACANTHINI Douglas & Scott, 1865

Genus *Capyella* Breddin, 1907

Capys Stål, 1865: 119 (junior homonym of *Capys* Hawington, 1865, Lepidoptera; syn. Distant, 1911b: 25). Type species by monotypy: *Neides malacaipus* Stål, 1865, tropical Africa.

Capyella Breddin, 1907a: 36. Type species by monotypy: *Capyella horni* Breddin, 1907.

Gombura Schouteden, 1913: 73 (syn. Štusák, 1965: 523). Type species by original designation: *Gombura alberti* Schouteden, 1913 (= *Neides malacaipus* Stål).

Capytum Strand, 1928: 47. New name for *Capys* Stål, 1865.

Neocapyella Štusák, 1965: 520 (syn. Henry, 1997b: 73). Type species by original designation: *Neocapyella basilewskyi* Štusák, 1965, tropical Africa.

Ref.: Štusák, 1965 (key).

Capyella distincta Hsiao, 1974

Capyella distincta Hsiao, 1974: 56. HT: ♂, CH (SE), Hainan, Wuzhi Shan; TMNH.

Distr. AS: CH (SE SW).

Capyella horni Breddin, 1907

Capyella horni Breddin, 1907a: 37 (syn. Distant, 1911b: 25, with *Capyella malacaipa* (Stål); restored by Štusák, 1964a: 107). LT (Gaedike, 1971: 115): ♂, Sri Lanka, Anuradhapura; DEIC.

Distr. AS: CH (SE) JA (Ryukyu Is). EL: Sri Lanka.

Genus *Metacanthus* A. Costa, 1843

Metacanthus A. Costa, 1843b: 27. Type species by monotypy: *Berytus meridionalis* A. Costa, 1843. See note.

Megalomerium Fieber, 1859: 210. Type species by monotypy: *Megalomerium pallidum* Fieber, 1859 (= *Berytus meridionalis* A. Costa, 1843).

Iterduca Distant, 1918b: 174 (syn. Henry, 1997b: 78). Type species by original designation: *Iterduca prima* Distant, 1918, India.

Aknisus McAtee, 1919b: 81 (syn. Froeschner, 1985: 10). Type species by original designation: *Aknisus calvus* McAtee, 1919, USA.

Ref.: Henry & Froeschner, 2000 (suppl. World cat.); Péricart, 1984 (monogr.).

Note: For a discussion and confirmation of the type species of *Metacanthus*, see Henry & Froeschner, 2000.

Subgenus *Cardopostethus* Fieber, 1859

Cardopostethus Fieber, 1859: 207 (as genus; downgraded by Kerzhner in Kerzhner & Jaczewski, 1964: 784). Type species by monotypy: *Cardopostethus annulosus* Fieber, 1859.

Metacanthus annulosus (Fieber, 1859)

Cardopostethus annulosus Fieber, 1859: 208. ST(S): Corsica; lost?

Megalomerium breviceps Horváth, 1905c: 57 (syn. Kerzhner in Kerzhner & Jaczewski, 1964: 784. LT (Péricart, 1976: 371): SK, Parnó; HNHN).

Distr. EU: BU CR FR (Corsica) GR HU IT MC PO RO SK SP UK. AS: AT CY IS LE.

Metacanthus pulchellus Dallas, 1852

Metacanthus pulchellus Dallas, 1852: 490. LT (Péricart, 1999d: 86); ♀, N India; BMNH.

Metacantha [sic] *viridiventris* Matsumura, 1907: 154 (syn. Miyamoto, 1987: 583). ST: ♂, JA; EIHU.

Distr. AS: CH (CE SE SW) JA KO. EL: Oriental Region, Australia.

Ref.: Dhiman, 1992 (biol.); Dhiman & Garg, 1983 (biol.).

Subgenus *Metacanthus* A. Costa, 1843

***Metacanthus acinctus* Qi & Nonnaizab, 1992**

Metacanthus acinctus Qi & Nonnaizab, 1992: 90, 92. HT: ♂, CH (NO), Shandong, Yantai (Kunyu Mt); IMTU.

Distr. AS: CH (NO).

Ref.: Henry & Froeschner, 1998 (*acintus* [sic]).

***Metacanthus lineatus* (Jakovlev, 1875)**

Cardopostethus lineatus Jakovlev, 1875: 152. STS: RU (ST), Astrakhan; lost?

Distr. EU: RU (ST) UK. NA: EG. AS: AB AK AR IN IQ MG TD TM UZ.

Ref.: Kerzhner in Kerzhner & Jaczewski, 1964 (*Metacanthus*); Puton, 1899 (*Megalomerium*); Stichel, 1957 (*Metacanthus*).

Note: The record from MO by Wagner (1959b: 72) concerns *M. maghrebinus* Péricart.

***Metacanthus maghrebinus* Péricart, 1977**

Metacanthus maghrebinus Péricart, 1977: 36. HT: ♂, AG, "Perrégaux"

[= Mohammadia]; coll. Péricart, Montereau, FR.

Distr. EU: FR? SP. NA: AG MO.

***Metacanthus meridionalis* (A. Costa, 1843)**

Berytus meridionalis A. Costa, 1843b: 27. HT (as LT by Péricart in Carapezza et al., 1995: 282): ♀, IT, nr Naples; ZIUN (see note).

Megalomerium pallidum Fieber, 1859: 208 (syn. Puton, 1881c: 128). ST(S): FR, Corsica; lost?

Cardopostethus fulvus Jakovlev, 1875: 155 (syn. Horváth, 1889a: 326). ST(S): RU (ST), Sarepta [= Krasnoarmeysk, nr Volgograd; ZMAS?

Metacanthus pusillus (non Horváth, 1912): Linnavuori, 1960: 47 (junior secondary homonym of *Megalomerium pusillum* Horváth, 1912; syn. Péricart, 1976: 371). HT: ♂, IS, Dan; AMNH.

Metacanthus linnavuorii Péricart, 1976: 371. New name for *pusillus* Linnavuori, 1960.

Metacanthus linnavuorii Štusák, 1977a: 338. New name for *pusillus* Linnavuori, 1960.

Distr. EU: BU CR FR GR HU IT MC PO RO RU (ST) SP UK YU. AS: AB AT GG IN IQ IS YE.

Ref.: Grozeva, 1995 (karyotype, ♂ reproductive system); Henry & Froeschner, 2000 (suppl. World cat.); V.G. Putshkov, 1974 (biol.).

Note: According to A. Costa, the type specimen of *meridionalis* is a unique female.

***Metacanthus mollis* Štusák, 1964**

Metacanthus mollis Štusák, 1964b: 115. HT: ♂, Nigeria (central); Museu do Dundo, Angola.

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

Genus *Pneustocerus* Horváth, 1905

Pneustocerus Horváth, 1905c: 59. Type species by monotypy: *Pneustocerus nigricornis* Horváth, 1905, New Guinea.

Taprobanus Distant, 1911b: 24 (syn. Štusák, 1992: 78). Type species by monotypy:

Taprobanus gravelyi Distant, 1911.

Parayemma Hsiao, 1977a: 286, 305 (syn. Henry, 1997b: 82). Type species by original designation: *Metacanthus convexitollis* Hsiao, 1974 (= *Taprobanus gravelyi* Distant, 1911).

***Pneustocerus gravelyi* (Distant, 1911)**

Taprobanus gravelyi Distant, 1911b: 25. LT (Péricart, 1999d: 86): ♂, Sri Lanka, Peradeniya; BMNH.

Metacanthus convexicollis Hsiao, 1974: 62, 65 (syn. Henry, 1997b: 83). HT: ♂, CH (SW), Yunnan, Menghai; IZAS.

Distr. AS: CH (SW). EL: India, Sri Lanka.

Ref.: Hsiao, 1977a (*Parayemma*); Štusák, 1992 (*Pneustocerus*); Wheeler & Schaefer, 1982 (host plant).

Genus *Triconulus* Horváth, 1905

Triconulus Horváth, 1905c: 58. Type species by monotypy: *Triconulus aegyptius* Horváth, 1905.

Ref.: Péricart, 1984 (monogr.).

***Triconulus aegyptius* Horváth, 1905**

Triconulus aegyptius Horváth, 1905c: 58. HT: ♂, EG; HNHM.

Distr. NA: EG. EL: tropical Africa (Niger, Sudan).

Ref.: Linnavuori, 1988 (distr.).

Genus *Yemma* Horváth, 1905

Yemma Horváth, 1905c: 56 (downgraded to subgenus of *Metacanthus* by Péricart, 1984: 112; restored by Henry, 1997b: 85). Type species by monotypy: *Yemma exilis* Horváth, 1905.

Ref.: Henry, 1997b (clad.); Henry & Froeschner, 1998 (World cat.).

***Yemma exilis* Horváth, 1905**

Yemma exilis Horváth, 1905c: 56. LT (Péricart, 1999d: 86): ♂, JA, Moji; HNHM.

Distr. AS: JA KO.

Ref.: Grozeva, 1995 (karyotype).

***Yemma gracilis* Linnavuori, 1974**

Yemma gracilis Linnavuori, 1974b: 137. HT: ♂, Sudan, Ed Damer; AMNH.

Distr. AS: YE. EL: Chad, Ethiopia, Sudan.

***Yemma pericarti* Štusák, 1984**

Yemma pericarti Štusák, 1984: 241. HT: ♂, TU, Tozeur; coll. Péricart, Montereau, FR.

Distr. NA: TU.

Ref.: Péricart, 1984 (subg. *Yemma*).

***Yemma signata* (Hsiao, 1974)**

Metacanthus signatus Hsiao, 1974: 61. HT: ♂, CH (NO), Beijing; NKUM.

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

Ref.: Hsiao, 1977a (*Yemma*).

Genus *Yemmalysus* Štusák, 1972

Yemmalysus Štusák, 1972a: 373. Type species by original designation: *Yemmalysus parallelus* Štusák, 1972.

Ref.: Henry, 1997b (clad.).

***Yemmalysus parallelus* Štusák, 1972**

Yemmalysus parallelus Štusák, 1972a: 374. HT: ♂, CH (SE), Guandong, Kao-Yao-hsien, Ting-hu Mts; KUPC.

Metacanthus insignis Hsiao, 1974: 62 (syn. Štusák, 1977b: 81; Hsiao, 1977a: 286, 304). HT: ♂, CH (SE), Guangxi, Longzhou; NKUM.

Distr. AS: CH (CE SE SW). EL: Indonesia, Nepal, Vietnam.

Tribe METATROPINI Henry, 1997

METATROPINI Henry, 1997b: 88. Type genus: *Metatropis* Fieber, 1859.

Genus *Metatropis* Fieber, 1859

Metatropis Fieber, 1859: 207. Type species by monotypy: *Berytus rufescens* Herrich-Schaeffer, 1835.

Ref.: Henry, 1997b (clad.); Hsiao, 1977a (monogr.); Péricart, 1984 (monogr.); Štusák, 1972b (key).

***Metatropis brevirostris* Hsiao, 1974**

Metatropis brevirostris Hsiao, 1974: 58, 64. HT: ♂, CH (SE), Guangdong, Lianxian; TMNH.

Distr. AS: CH (SE) JA.

***Metatropis denticollis* Lindberg, 1934**

Metatropis denticollis Lindberg, 1934a: 28. HT: CH (NO), S Gansu; MZHF.

Distr. AS: CH (NO SW).

***Metatropis gibbicollis* Hsiao, 1974**

Metatropis gibbicollis Hsiao, 1974: 59, 65. HT: ♂, CH (SW), Sichuan, Xiaojin; NKUM.

Distr. AS: CH (SW WP).

***Metatropis longirostris* Hsiao, 1974**

Metatropis longirostris Hsiao, 1974: 57, 64. HT: ♂, CH (NO), Beijing; NKUM.

Distr. AS: CH (CE NO WP).

***Metatropis rufescens* (Herrich-Schaeffer, 1835)**

Berytus rufescens Herrich-Schaeffer, 1835a: 43; 1835b: 8. ST(S): GE, Regensburg; lost.
Berytus elegans (non Curtis, 1827): Burmeister, 1835: 313. Misidentification (see Fieber, 1859: 207).

Neides sieberi Spinola, 1837: 206 (syn. Fieber, 1859: 207). HT: ♂, GR; MRSN (see Casale, 1981: 85).

Berytus annulatus (non Burmeister, 1835): Gorski, 1852: 141. Misidentification (see Fieber, 1859: 207).

Metatropis rufescens linnaeae Wagner, 1950c: 203 (syn. Péricart, 1976: 373). HT: ♂, SV, Östergötland, Gillberg; UZIU.

Distr. EU: AU BE BH BU BY CR CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU NL NR PL RO RU (CT NT ST) SK SL SP SV SZ UK YU. AS: AR GG IS? JA RU (ES FE).

Ref.: V.G. Putshkov, 1974 (biol., egg, larvae); Stehlík & Vavřínová, 1990 (biol.).

***Metatropis spinicollis* Hsiao, 1974**

Metatropis spinicollis Hsiao, 1974: 60, 65. HT: ♂, CH (SE), Guangxi, Longsheng; NKUM.

Distr. AS: CH (SE WP).

***Metatropis tesongsanicus* Josifov, 1975**

Metatropis tesongsanicus Josifov, 1975: 285. HT: ♂, KO, Tesong-san nr Pjongjang; ZISB.

Distr. AS: KO.

Ref.: Park & Josifov, 1991 (distr.).

Family COLOBATHRISTIDAE Stål, 1865

I. M. Kerzhner

The family includes 23 genera and 83 species. About a half of them is distributed in the Neotropical Region and the other half in the Oriental and Australian Regions. No species of the family are known from Africa and the Indian subcontinent. In the territory covered by the present catalogue, Colobathristidae are found only in South China and Taiwan.

Relationships of the family were discussed by Štys (1966), Kumar (1968) and Henry (1997a).

All species whose habits are known feed exclusively on grasses. *Phaenacantha saccharicida* (Karsch) was reported as injurious to sugar cane in Indonesia and *Phaenacantha bicolor* (Distant) as "excessively common in sugar-field".

World revision: Horváth, 1904b (outdated). Review of Chinese species: Hsiao, 1977b.

Family COLOBATHRISTIDAE Stål, 1865

COLOBATHRISTIDAE Stål, 1865: 121 (Colobathristida; as subfamily of Lygaeidae; upgraded by Bergroth, 1910: 297). Type genus: *Colobathristes* Burmeister, 1835, Neotropical Region.

Extralimital subfamily: Dayakiellinae Štys, 1966, Indonesia.

Subfamily COLOBATHRISTINAE Stål, 1865

Genus *Phaenacantha* Horváth, 1904

Phaenacantha Horváth, 1904b: 118, 120. Type species by subsequent designation (Distant, 1911a: 30): *Phaenacantha biroi* Horváth, 1904, New Guinea.

Extralimital subgenus: *Tagalisca* Horváth, 1904, Philippines.

Subgenus *Anorygma* Horváth, 1904

Anorygma Horváth, 1904b: 123, 137 (as subgenus of *Phaenacantha*). Type species designated here: *Colobathristes saccharicida* Karsch, 1888, Indonesia (Java).

Phaenacantha bicolor (Distant, 1901)

Curupira bicolor Distant, 1901c: 426. STS: Singapore and New Guinea ("Dory", apparently Dorey); BMNH.

Distr. AS: CH (SE SW). EL: Oriental Region (Burma, Malaysia).

Ref.: Distant, 1902a (*Curupira*; descr., not fig.); Horváth, 1904b.

Note: ST(S) from New Guinea apparently do(es) not belong to this species as restricted by Horváth (1904b).

Phaenacantha famelica Horváth, 1914

Phaenacantha (Anorygma) famelica Horváth, 1914: 625. STS: ♂, ♀, TA, Fuhosho [= Maobu] and Taihorin [= Talin]; HNHM.

Distr. AS: TA.

Ref.: Horváth, 1916b (note).

Phaenacantha lobulifera Horváth, 1916

Phaenacantha (Anorygma) lobulifera Horváth, 1916b: 422. ST(S): ♀, CH (NO), Shandong, Kiautshau [= Jiaoxian]; HNHM.

Distr. AS: CH (NO SE SW).

Phaenacantha viridipennis Horváth, 1904

Phaenacantha (Anorygma) viridipennis Horváth, 1904b: 123, 139. STS: ♀, Burma (Tenasserim [= Tannintai]; Thagata) and Indonesia (Sumatra); DEIC? (not found, see Gaedike, 1971), MCSN.

Distr. AS: CH (SW). EL: Oriental Region (Burma, Indonesia, Malaysia).

Subgenus *Phaenacantha* Horváth, 1904

***Phaenacantha marcida* Horváth, 1914**

Phaenacantha marcida Horváth, 1914: 623. ST(S): ♂, TA, Fuhosho [= Maobu]; HNHM.

Distr. AS: CH (SE) TA.

***Phaenacantha trilineata* Horváth, 1908**

Phaenacantha trilineata Horváth, 1908b: 591. STS: ♀, TA, Takao [= Kaohsiung]; HNHM.

Distr. AS: CH (CE SE) TA.

Genus *Symphylax* Horváth, 1904

Symphylax Horváth, 1904b: 118, 142. Type species by monotypy: *Symphylax picticollis* Horváth, 1904, Indonesia and Malaysia.

***Symphylax sphecimorpha* Hsiao, 1977**

Symphylax sphecimorpha Hsiao, 1977b: 288, 305. HT: ♂, CH (SW), Yunnan, Xishuangbanna, Jinghong; ZIAS.

Distr. AS: CH (SW).

Superfamily PYRRHOCOROIDEA Amyot & Serville, 1843

I. M. Kerzhner

PYRRHOCORIDAE Amyot & Serville, 1843: 265 (Pyrrhocorides).

The superfamily includes two families, Largidae and Pyrrhocoridae, which were in the past and sometimes even currently considered as subfamilies of one family, Pyrrhocoridae. Some authors include Pyrrhocoroidea in the broadly conceived superfamily Coreoidea.

Family LARGIDAE Amyot & Serville, 1843

The includes about 15 genera and more than 100 species, distributed worldwide, but much more prevalent in the tropics, especially of the New World. All species are plant feeders, mostly on seeds. Some species are ground-living, the other live on shrubs and trees.

World catalogue: Hussey & Sherman, 1929 (outdated). Fauna of China: S.L. Liu, 1981d.

Family LARGIDAE Amyot & Serville, 1843

LARGIDAE Amyot & Serville, 1843: 273 (Largides). Type genus: *Largus* Hahn, 1831, New World.

ASTEMATIDAE Bergroth, 1913b: 165 (Astemmatinae). Based on *Astemma* sensu Stål, 1866, 1870 (= *Rosaphe* Kirkaldy & Edwards, 1902).

EURYOPHTHALMINAE Kirkaldy & Edwards, 1902: 161 (Euryophthalmi). Type genus: *Euryophthalmus* Laporte, 1833 (= *Largus* Hahn, 1831).

Extralimital subfamilies: Larginae Amyot & Serville, 1843 and Arhaphinae Bliven, 1973, both in New World.

Note: E. Schmidt (1932: 281) recorded the American species *Largus cinctus* Herrich-Schaeffer, 1842 from CH ("Soochow, Peking") and described for the respective specimens a new variety (var. *migratorius*). As this is apparently a case of mislabelling or occasional import, the species is not included in this catalogue.

Subfamily PHYSOPELTINAE Hussey, 1929

PHYSOPELTINAE Hussey in Hussey & Sherman, 1929: 28 (Physopeltini). Type genus: *Physopelta* Amyot & Serville, 1843.

Tribe PHYSOPELTINI Hussey, 1929

Genus *Iphita* Stål, 1870

Iphita Stål, 1870: 91, 99. Type species by monotypy: *Iphita limbata* Stål, 1870.

Dindymellus Distant, 1919b: 221 (syn. Blöte, 1931: 101). Type species by monotypy: *Dindymellus coimbatorensis* Distant, 1919, India.

Iphita limbata Stål, 1870

Iphita limbata Stål, 1870: 99. STS: ♂, ♀, India (Dekan [= Deccan]) and Bangladesh (Silhet [= Sylhet]); NHRS.

Distr. AS: CH (SW). EL: Oriental Region (India to Burma).

Genus *Physopelta* Amyot & Serville, 1843

Physopelta Amyot & Serville, 1843: 271. Type species by subsequent designation (Hussey in Hussey & Sherman, 1929: 28): *Physopelta erythrocephala* Amyot & Serville, 1843 (= *Cimex albofasciatus* De Geer, 1773), Oriental Region.

Neophysopelta Ahmad & Abbas, 1987a: 132, 134 (syn. Stehlík & Kerzhner, 1999: 121). Type species by monotypy: *Cimex slansbuschii* Fabricius, 1787.

Extralimital subgenus: *Delacampius* Distant, 1903, Oriental and Australian Regions (see Stehlík & Kerzhner, 1999: 122).

Ref.: S.L. Liu, 1981d (monogr.)

Note: Distant's (1903a: 97) designation of *Cimex albofasciatus* De Geer as the type species of *Physopelta* is unavailable, because its synonymy with *Physopelta erythrocephala* Amyot & Serville, an originally included nominal species, was not mentioned by Distant.

***Physopelta cincticollis* Stål, 1863**

Physopelta cincticollis Stål, 1863a: 392. STS: ♀, "India orientalis"; NHMW? (not found), NHRS.

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

Note: Old records of *Physopelta albofasciata* (De Geer, 1773) from CH, JA and TA refer either to *Physopelta cincticollis* or to *Ph. parviceps*. Records of *Physopelta cincticollis* from JA and TA refer to *Physopelta parviceps*.

***Physopelta gutta gutta* (Burmeister, 1834)**

Lygaeus (Pyrrhocoris) gutta Burmeister, 1834: 300. ST(S): Philippines, Manila; ZMHB (1♂).

Physopelta bimaculata Stål, 1855b: 186 (syn. Stål, 1861b: 195). ST(S): Indonesia, Java; NHRS.

Distr. AS: AF CH (SE SW WP) JA KO TA. EL: Oriental Region.

Ref.: Ahmad & Perveen, 1986a.

Extralimital subspecies: *Physopelta gutta famelica* Stål, 1863, New Guinea with adjacent islands and Australia.

***Physopelta parviceps* Blöte, 1931**

Physopelta parviceps Blöte, 1931: 100. HT: ♂, JA; RMNH.

Distr. AS: JA TA.

Note: Recorded from JA and TA as *Physopelta cincticollis* (see Stehlík & Kerzhner, 1999: 122).

***Physopelta quadriguttata* Bergroth, 1894**

Physopelta quadriguttata Bergroth, 1894e: 160. STS: ♀, India, Sikkim; MZHF?

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

***Physopelta robusta* Stål, 1863**

Physopelta robusta Stål, 1863a: 390. ST(S): ♀, Laos; NHRS.

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

***Physopelta slanbuschii* (Fabricius, 1787)**

Cimex slanbuschii Fabricius, 1787: 299. STS: CH ("China"); ZMUC.

Lygaeus schlanbuschii: Fabricius, 1803: 222. Incorrect subsequent spelling.

Pyrrhocoris schlangenbuschii: Burmeister, 1835: 286. Incorrect subsequent spelling.

Pyrrhocoris schlangbuschi: Stål, 1861b: 195. Incorrect subsequent spelling.

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

Ref.: Ahmad & Abbas, 1987a (*Neophysopelta*).

Tribe LOHITINI Ahmad & Abbas, 1987

LOHITINI: Ahmad & Abbas, 1985: 18. Unavailable name (conditionally proposed).

LOHITINI Ahmad & Abbas, 1987a: 132. Type genus: *Lohita* Amyot & Serville, 1843 (= *Macrocheraia* Guérin-Méneville, 1835).

Genus *Macrocheraia* Guérin-Méneville, 1835

Macrocheraia Guérin-Méneville, 1835: pl. 56. Type species by monotypy: *Lygaeus grandis* Gray, 1832.

Macroceroea Spinola, 1837: 177 (syn. Amyot & Serville, 1843: 266). Type species by monotypy: *Macroceroea longicornis* Spinola, 1837 (= *Lygaeus grandis* Gray, 1832). *Lohita* Amyot & Serville, 1843: 266. Unnecessary new name for *Macroceroea* Spinola, 1837.

Macrocheraia Guérin-Ménéville, 1844: 346. Emendation of *Macrocheraia*.

Macroceraea Amyot & Serville, 1848: 203. Emendation of *Macrocheraia*.

***Macrocheraia grandis grandis* (Gray, 1832)**

Lygaeus grandis Gray, 1832: 242. ST(S): India; BMNH (1 ST, see Walker, 1872: 167).

Macroceroea longicornis Spinola, 1837: 177 (syn. Amyot & Serville, 1843: 266). HT (see also Stehlík & Kerzhner, 1999: 121): ♂, "Indes Orientales"; MIZT.

Lohita longissima Stål, 1870: 98 (syn. Distant, 1879: 127, suspected). ST(S): ♂, "India orientalis"; NHRS.

Distr. AS: CH (CE SE SW). EL: Oriental Region (India to Philippines).

Extralimital subspecies: *Macrocheraia grandis sumatrana* (Distant, 1882), Indonesia (Sumatra, Kalimantan).

Ref.: Ahmad & Abbas, 1985 (*Lohita*).

Family PYRRHOCORIDAE Amyot & Serville, 1843

The family includes about 30 genera and 300 species. It is distributed worldwide, but the tropical fauna is much richer than the temperate one. Nearly all species are plant feeders, with preference of Malvaceae and the related Tiliaceae (Ahmad & Schaefer, 1987). Many species are ground-living, the other live on plants. Pyrrhocorids feed mostly on generative parts of the plants, including the fallen mature seeds. Animal food (dead insects, eggs and larvae of insects, etc.) may be used as additional one. Species of *Antilochus* and *Dindymus* are preferentially predators. Many Pyrrhocorids form aggregations. In temperate areas, adults hibernate. Species of the genus *Dysdercus* known as "cotton stainers" are serious pests of cotton in tropical countries (Pearson, 1958). Some species, especially *Pyrrhocoris apterus* (see Socha, 1993) and *Dysdercus koenigii*, are often reared in laboratories for physiological, biochemical, and other experiments.

World catalogue: Hussey & Sherman, 1929 (outdated). Monographic treatments: S.L. Liu, 1981d (China); Moulet, 1995 (Mediterranean); V.G. Putshkov, 1974 (Ukraine). Faunal lists and reviews: Awad & Önder, 1997 (Turkey); Miyamoto & Yasunaga, 1989 (Japan); Safavi, 1987 (Iran).

Family PYRRHOCORIDAE Amyot & Serville, 1843

ASTEMMATIDAE Laporte, 1832: 4, 1833: 36 (Astemmites). Based on *Astemma* sensu Laporte, 1833 (= *Dysdercus* Guérin-Méneville, 1831).

ASTEMMATIDAE Spinola, 1837: 174 (Astemmites). Type genus: *Astemma* Lepeletier & Serville, 1825 (= *Pyrrhocoris* Fallén, 1814).

PYRRHOCORIDAE Amyot & Serville, 1843: 265 (Pyrrhocorides). Type genus: *Pyrrhocoris* Fallén, 1814.

Genus *Aderrhis* Bergroth, 1906

Aderrhis Bergroth, 1906b: 199, 200 (also as "*Adherris*"). Type species by monotypy:

Aderrhis pulla Bergroth, 1906, tropical Africa.

Note: Of the two original spellings, *Aderrhis* was accepted as the correct one by Bergroth (1906c: 251).

Aderrhis pakistanensis (Ahmad & Abbas, 1986)

Dermatinus pakistanensis Ahmad & Abbas, 1986: 71. HT: ♂, Pakistan, Baluchistan, Nawabshah; Natural History Museum, University of Karachi, Pakistan.

Distr. AS: AF IN. **EL:** Pakistan.

Ref.: Ahmad & Mohammad, 1997 (*Dermatinus*); Stehlík & Kerzhner, 1999 (syst. position).

Note: This species was recorded by Kiritshenko (1966: 803) from IN as *Dermatinus aethiopicus* Lethierry.

Genus *Antilochus* Stål, 1863

Antilochus Stål, 1863a: 393. Type species by subsequent designation (Distant, 1903a: 100): *Lygaeus coquebertii* Fabricius, 1803.

Neaeretus Reuter, 1887: 92 (syn. Bergroth, 1894f: 357). Type species by monotypy:

Neaeretus distantii Reuter, 1887, Madagascar.

Ref.: S.L. Liu, 1981d (monogr.).

Note: The record of *Antilochus bipunctatus* Signoret, 1861, endemic of the Comores, from KU (Al-Houty, 1989) is based on misidentified *Scantius aegyptius* (see Al-Houty & Dolling, 1999: 86).

Antilochus coquebertii (Fabricius, 1803)

Lygaeus coquebertii Fabricius, 1803: 222. STS: India, "Tranquebaria" [= nr Madras];

ZMUC.

Distr. AS: CH (CE SE SW) JA (Rykyu Is) TA. **EL:** Oriental Region (India to Indonesia).

Ref.: Chauthani & Misra, 1966 (biol., larva); S.L. Liu, 1981d ("*conquebertii*"); Quayum & Nahar, 1980 (morph.)

***Antilochus nigripes* (Burmeister, 1835)**

Pyrrhocoris nigripes Burmeister, 1835: 284. ST(S): Philippines, Manila; ZMHB (1♂).

Physopelta rubricosa Stål, 1854a: 236 (syn. Stål, 1863a: 394). ST(S): CH; NHRS.

Distr. AS: CH (SE SW). **EL:** Oriental Region (India and Sri Lanka to Philippines).

***Antilochus russus* Stål, 1863**

Antilochus russus Stål, 1863a: 394. ST(S): ♀, "India orientalis"; NHRS.

Distr. AS: CH (SW). **EL:** Oriental Region (Bhutan, Burma, India).

Genus *Armatillus* Distant, 1908

Armatillus Distant, 1908: 432. Type species by original designation: *Armatillus verrucosus* Distant, 1908, Burma.

***Armatillus verticalis* Hsiao, 1964**

Armatillus verticalis Hsiao, 1964c: 403, 406. HT: ♀, CH (SW), Yunnan, Jingdong; IZAS.

Distr. AS: CH (SW).

Genus *Ascopocoris* Stehlík & Kerzhner, 1999

Ascopus Hsiao, 1964c: 402, 405 (junior homonym of *Ascopus* Marshall, 1951, Coleoptera).

Type species by original designation: *Ascopus rufus* Hsiao, 1964.

Ascopocoris Stehlík & Kerzhner, 1999: 123. New name for *Ascopus* Hsiao, 1964.

Ref.: S.L. Liu, 1981d (monogr.).

***Ascopocoris rufus* (Hsiao, 1964)**

Ascopus rufus Hsiao, 1964c: 403, 405. HT: ♂, CH (SW), Yunnan, valley of West Noujiang River; IZAS.

Distr. AS: CH (SW).

***Ascopocoris sinuaticolis* (S.L. Liu, 1987)**

Ascopus sinuaticolis S.L. Liu, 1987b: 192. ST(S): CH (SW), Yunnan, Shuangjiang County; IZAS.

Distr. AS: CH (SW).

Genus *Dindymus* Stål, 1861

Dindymus Stål, 1861b: 196. Type species by subsequent designation (Distant, 1903a: 110):

Dysdercus thoracicus Stål, 1855 (= *Pyrrhocoris bicolor* Herrich-Schaeffer, 1840), Oriental Region.

Dindymoides Distant, 1914b: 343 (syn. Taeuber, 1927: 186). Type species by original designation: *Dindymus variabilis* Stål, 1871, Philippines.

***Dindymus albicornis* (Fabricius, 1803)**

Lygaeus albicornis Fabricius, 1803: 223. STS: CH; ZMUC (1 ST).

Dindymus pulcher Stål, 1863a: 400 (syn. Blöte, 1931: 109). STS: ♂, ♀, Philippines, Manila; NHRS.

Distr. AS: CH. **EL:** Oriental Region (Burma, Indonesia, Malaysia, Philippines).

Note: The species was not recorded from CH since its original description; possibly the type locality was indicated in error.

***Dindymus brevis* Blöte, 1931**

Dindymus brevis Blöte, 1931: 109. HT: ♂, TA, Kosempo [= Chiahhsien]; RMNH.
Distr. AS: TA.

***Dindymus lanius* Stål, 1863**

Dindymus lanius Stål, 1863a: 401. HT: ♀, "India orientalis"; NHMW.
Dindymus thyleneus Kirkaldy & Edwards, 1902: 170 (syn. Distant, 1903a: 110). STS:
♂, ♀, Burma, Carin Cheba; USNM.
Distr. AS: CH (CE NO SE SW WP). EL: Oriental Region (Burma).

***Dindymus medogensis* S.L. Liu, 1981**

Dindymus medogensis S.L. Liu, 1981e: 167, 169. HT: ♀, CH (WP), Xizang, Medog;
IZAS.
Distr. AS: CH (WP).

***Dindymus rubiginosus* (Fabricius, 1787)**

Cimex rubiginosus Fabricius, 1787: 301. ST(S): South Africa, "Cap. Bon. Spei"
[= Cape of Good Hope], in error; ZMUC (1 ST).
Dysdercus hypogastricus Herrich-Schaeffer, 1850: 177 (syn. Stål, 1863a: 399). ST(S):
Indonesia, Java; lost.
Dindymus rubiginosus var. *geniculatus* Breddin, 1901b: 19, 82. LT (Stehlík &
Kerzhner, 1999: 123): ♂, Indonesia, Celebes [= Sulawesi], "Toli-Toli"; DEIC.
Dindymus rubiginosus var. *subsanguineus* Blöte, 1931: 113. HT: ♀, Indonesia, Nias Is.;
RMNH.
Distr. AS: CH (SE SW WP) TA. EL: Oriental Region (India to Indonesia).
Ref.: S.L. Liu, 1981d (*rubiginosus rubiginosus*).

***Dindymus sanguineus* (Fabricius, 1794)**

Cimex augur Thunberg, 1784 (junior primary homonym of *Cimex augur* Fabricius, 1781;
syn. Stål, 1868: 82). ST(S): locality unknown (see Stål, 1856b: 390); UZIU (1 ST).
Lygaeus sanguineus Fabricius, 1794: 155. STS: India; ZMUC.
Lygaeus cruentus Fabricius, 1803: 223 (junior secondary homonym of *Cimex cruentus*
Fabricius, 1794). Unnecessary new name for *sanguineus* Fabricius, 1794.
Lygaeus haematideus Fabricius, 1803: Emendanda and Index, p. 14. New name for
cruentus Fabricius, 1803.
Dindymus debyi Lethierry, 1885: civ (syn. Blöte, 1931: 113). ST(S): Indonesia, Sumatra;
MNHN?
Distr. AS: CH (SE SW WP). EL: Oriental Region (India to Indonesia).
Ref.: S.L. Liu, 1981d (*rubiginosus sanguineus*).
Note: Thunberg (1784) included in *Cimex augur* four varieties, all representing separate
species. Stål (1856b: 390-391) restricted the usage of the specific name for
Thunberg's var. *β*.
Contrary to Bergroth (1914b: 354) and other authors, *Dindymus sanguineus* is not
a variety or subspecies of *D. rubiginosus* (see Stehlík & Kerzhner, 1999: 123).
Fabricius (1794) gave the name *Lygaeus sanguineus* to two different species, a
pyrrhocorid (page 155) and a mirid (page 175). Turton (1802) replaced the name of
the mirid by a new name, thus making the pyrrhocorid name the senior homonym.
The reverse action by Fabricius (1803), who changed the pyrrhocorid name and
retained the mirid name, is invalid.

Genus *Dysdercus* Guérin-Méneville, 1831

Dysdercus Guérin-Méneville, 1831: pl. 12. Type species by monotypy: *Dysdercus*
peruvianus Guérin-Méneville, 1831, S America.
Extralimital subgenus: *Neodysdercus* Stehlík, 1965, tropical Africa.

Ref.: Barbosa, 1950b (biol.); Doesburg, 1968 (New World, monogr.); Duviard, 1981 (biol.); Freeman, 1947 (Old World, rev.); Fuseini & Kumar, 1975a (larvae), 1975b (biol.); Golding, 1928 (biol.); Pearson, 1958 (biol.).

Note: *Dysdercus konowi* Puton, 1887, described from GE (Porta Westfalica S of Minden), proved to be a junior synonym of *Dysdercus sanguinarius* Stål, 1870, an endemic West Indian species (Doesburg, 1968: 49). This is obviously a case of occasional import to Europe.

Subgenus *Dysdercus* Guérin-Ménéville, 1831

Dysdercus cardinalis Gerstaecker, 1873

Dysdercus cardinalis Gerstaecker, 1873: 416. STS: ♂, ♀, Kenya, Mombas [= Mombasa] and Kiriamia [= Girijama, area around Mombasa]; ZMHB.
Distr. AS: YE. EL: tropical Africa (Sudan to Tanzania).

Dysdercus nigrofasciatus Stål, 1855

Dysdercus nigrofasciatus Stål, 1855a: 36. ST(S): South African Rep., "in terra Natalensi" [= Natal]; NHRS.
Dysdercus nigrofasciatus var. *unicolor* Brancsik, 1891: 165. STS: Madagascar, Nossibé [= Nosy Be] Is.; HNHM?
Dysdercus nigrofasciatus var. *intermedius* Schouteden, 1910: 154 (junior primary homonym of *Dysdercus intermedius* Distant, 1902). STS: Tanzania, Kibonoto [= Kibongoto] lowland and Meru; NHRS.
Dysdercus nigrofasciatus var. *nigriceps* Schouteden, 1910: 154. STS: Tanzania, Kibonoto [= Kibongoto] and Meru lowland; NHRS.
Dysdercus superstitiosus var. *tergiversans* Hussey in Hussey & Sherman, 1929: 104 (syn. Freeman, 1947: 389). New name for var. *intermedius* Schouteden, 1910.
Dysdercus nigrofasciatus var. *nigrescens* Vrydagh, 1942: 24, 30. STS: Congo belge [= Zaire], northern part.
Distr. AS: SA YE. EL: tropical Africa.
Ref.: Cachan, 1952; Ulyett, 1930 (biol.); Vrydagh, 1942 (biol.).
Note: Vrydagh (1942) variously treated the form *nigrescens* named by him as melanistic mutation, separate species, or hybrid between *D. nigrofasciatus* and *D. melanoderes* Karsch.

Subgenus *Leptophthalmus* Stål, 1870

Leptophthalmus Stål, 1870: 103, 124 (as genus; downgraded by Stehlík & Kerzhner, 1999: 123). Type species by monotypy: *Dysdercus fuscomaculatus* Stål, 1863.

Megadysdercus Breddin, 1900b: 162 (as subgenus of *Dysdercus*) (syn. E. Schmidt, 1932: 278). Type species by monotypy: *Dysdercus mesiostigma* Distant, 1888 (= *Dysdercus fuscomaculatus* Stål, 1863).

Dysdercus decussatus Boisduval, 1835

Dysdercus decussatus Boisduval, 1835: 640. ST(S): Papua New Guinea, Carteret [= Kilinailau Is N of Bougainville Is.]; MNHN?
Lygaeus cruciatus Montrouzier, 1855: 106 (syn. Freeman, 1947: 417). ST(S): Papua - New Guinea, Woodlark Is.
Lygaeus fabricii Montrouzier, 1855: 106 (syn. Bergroth, 1913b: 172, with *cruciatus*; Freeman, 1947: 417). ST(S): Papua - New Guinea, Woodlark Is.
Dysdercus crucifer Stål, 1870: 118 (syn. Freeman, 1947: 417). ST(S): ♂, Indonesia, "Pulo Loz" [= Pulo Laut, or Laoet Is.]; NHRS.
Dindymus simplex Walker, 1873b: 6 (syn. Blöte, 1931: 121, with *crucifer*; Freeman, 1947: 417). HT: ♂, Indonesia, Celebes [= Sulawesi]; BMNH.
Dysdercus papuensis Distant, 1888: 484 (syn. Bergroth, 1913b: 172, with *cruciatus*).

STS: New Guinea and Solomon Is (Murray Is.); BMNH.
Dysdercus decorus Breddin, 1901c: 115 (syn. Distant, 1902b: 42, with *simplex*). LT (Gaedike, 1971: 121): Indonesia, Celebes [= Sulawesi], Makassar [= Ujung Prabang]; DEIC.
Dysdercus crucifer Matsumura, 1913: 151 (junior primary homonym of *Dysdercus crucifer* Stål, 1870) (syn. Horváth, 1914: 660, with *crucifer* Stål). STS: JA (Ryukyu Is), TA and Singapore; EIHU.
Dysdercus simon Taeuber, 1927: 190, 195 (syn. Freeman, 1947: 417). HT: ♂, Philippines, Mindanao Is., Kolambugan; BMNH?
Dysdercus jacobsoni Blöte, 1931: 127 (syn. Freeman, 1947: 417). HT: ♂, Indonesia, Simaloer [= Simeulue Is.], "Sangi"; RMNH.
Dysdercus sumatranus E. Schmidt, 1932: 263 (syn. Freeman, 1947: 417). HT: ♂, Indonesia, Sumatra, "Ober-Langkat" [= ?Timbang-Langkat, now Binjai]; ZMPA.
Dysdercus sauteri E. Schmidt, 1932: 263, 264 (syn. Freeman, 1947: 417). HT: ♂, TA, Takao [= Kaohsiung]; ZMPA.
Distr. AS: CH (NO SE) JA TA. **EL:** Oriental Region (Sri Lanka to Oceania) and N Australia.
Ref.: S.L. Liu, 1981d; Stehlík, 1965a.
Note: To this species refer records of *Dysdercus philippinus* Herrich-Schaeffer, 1850 from JA (Ryukyu Is) and TA (see Stehlík & Kerzhner, 1999:124).

***Dysdercus fuscomaculatus* Stål, 1863**

Dysdercus fuscomaculatus Stål, 1863a: 402. ST(S): ♂, CH (SE), Fujian, Amoy [= Xiamen]; NHRS.
Dysdercus mesiostigma Distant, 1888: 484 (syn. Stehlík & Kerzhner, 1999: 124). LT (Freeman, 1947: 416, as "type"): ♀, New Guinea; BMNH.
Dysdercus monostigma Kirby, 1891: 104 (syn. Stehlík & Kerzhner, 1999: 124). STS: CH (SE: Hong Kong), Philippines, New Guinea (Dorey); BMNH.
Dysdercus mesiostigmatus Distant, 1914b: 343. Unjustified emendation for *mesiostigma*.
Distr. AS: CH (SE) JA. **EL:** Oriental Region (Sri Lanka to Solomon Is).

Subgenus *Paradysdercus* Stehlík, 1965

Paradysdercus Stehlík, 1965a: 255 (as subgenus of *Dysdercus*). Type species by original designation: *Cimex koenigii* Fabricius, 1775.

***Dysdercus cingulatus cingulatus* (Fabricius, 1775)**

Cimex cingulatus Fabricius, 1775: 719. LT (Bergroth, 1914b: 354; Blöte, 1931: 118; Freeman, 1947: 410, all as "the type"): ♀, Nova Hollandia [= Australia]; BMNH.
Dysdercus cingulatus var. *ornatus* Breddin, 1901d: 85. STS: Indonesia, Kei [= Kai] Is; RMNH (1 ST, see Blöte, 1931: 119), DEIC (not found).
Dysdercus megalopygus Breddin, 1909: 300 (syn. Blöte, 1931: 118; Freeman, 1947: 409). LT (Gaedike, 1971: 122): Borneo; DEIC.
Distr. AS: CH (SE SW) JA (Ryukyu Is) TA. **EL:** Oriental Region (India to Oceania) and Australia.
 Extralimital subspecies: *Dysdercus cingulatus nigriventris* Stehlík, 1965, Solomon Is. (endemic of Ysabel Is.).
Ref.: S.L. Liu, 1981d; Stehlík, 1965a.

***Dysdercus evanescens* Distant, 1902**

Dysdercus evanescens Distant, 1902b: 43. LT (Freeman, 1947: 403, as "type"), ♀, India, Sikkim, Mungphu; BMNH.
Distr. AS: CH (SW WP). **EL:** Oriental Region (Burma, India, Vietnam).
Ref.: S.L. Liu, 1981d.

***Dysdercus koenigii* (Fabricius, 1775)**

Cimex koenigii Fabricius, 1775: 720. STS: India, "Tranquebar"; ZMUC.

Distr. AS: AF. **EL:** Oriental Region (Burma, India, Pakistan, Sri Lanka).

Ref.: Ahmad & Mohammad, 1983a (larvae); Ahmad & Perveen, 1986a; Mehta, 1930 ("cingulatus"; biol.).

Note: This species was recorded from AF by Kiritshenko (1938b, 1963a) as *Dysdercus "melanopygus"* Breddin. The record from CH (E. Schmidt, 1932: 280) apparently refers to *D. cingulatus*. Contrary to Bergroth (1914b: 355), *Dysdercus micropygus* Breddin, 1909 is not synonymous with *D. koenigii* (see Stehlík & Kerzhner, 1999: 124).

***Dysdercus poecilus* (Herrich-Schaeffer, 1843)**

Pyrrhocoris poecilus Herrich-Schaeffer, 1843: 17. ST(S): Indonesia, Java; lost.

Dysdercus poecilus var. *semifuscus* Breddin, 1901d: 85. LT (Stehlík & Kerzhner, 1999: 124): ♂, Philippines, Iolo [= Jolo Is.]; DEIC.

Dysdercus poecilus var. *simplex* Breddin, 1901d: 85 (junior secondary homonym of *Dindymus simplex* Walker, 1873). ST(S): Philippines, Iolo [= Jolo Is.]; DEIC? (not found).

Dysdercus poecilus var. *vacillans* Hussey in Hussey & Sherman, 1929: 100. New name for var. *simplex* Breddin, 1901.

Dysdercus poecilus var. *parvisignatus* Blöte, 1931: 130. STS: Indonesia (Sumatra: many localities; Nias Is.) and Philippines; RMNH.

Distr. AS: CH (SE SW) JA (Ryukyu Is) TA. **EL:** Oriental Region (India to Indonesia and Philippines).

Ref.: S.L. Liu, 1981d.

Genus *Ectatops* Amyot & Serville, 1843

Ectatops Amyot & Serville, 1843: 273. Type species by subsequent designation (Distant, 1903a: 102): *Ectatops limbatus* Amyot & Serville, 1843, Indonesia.

Ref.: S.L. Liu, 1981d (monogr.).

***Ectatops gelanor* Kirkaldy & Edwards, 1902**

Ectatops gelanor Kirkaldy & Edwards, 1902: 167. ST(S): Burma, Carin Cheba, Ascini; USNM.

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

***Ectatops ophthalmicus* (Burmeister, 1835)**

Pyrrhocoris ophthalmicus Burmeister, 1835: 284. STS (see E. Schmidt, 1932: 242): Indonesia, Java; ZMHB.

Ectatops rubiaceus Amyot & Serville, 1843: 273 (syn. Breddin, 1900b: 161). LT (Sehnal & Kerzhner, 1999: 132): ♀, Indonesia, Java; NHMW.

Dindymus imitator Walker, 1873b: 7 (syn. Distant, 1902b: 37, with *rubiaceus*). HT: ♂, "Siam" [= Thailand]; BMNH.

Ectatops ophthalmicus var. *nigriventris* Blöte, 1931: 106. HT: ♀, Indonesia, Timor; RMNH.

Ectatops rubiaceus var. *extensus* E. Schmidt, 1932: 241. STS ("Typen und Cotypen"): ♂, ♀, Indonesia, Sumatra, Soekaranda; ZMPA.

Ectatops ophthalmicus var. *disjunctus* E. Schmidt, 1932: 242. HT: ♀, Indonesia, Sumatra, Soekaranda; ZMPA.

Distr. AS: CH (SE SW). **EL:** Oriental Region (India to Philippines and Indonesia).

Genus *Euscopus* Stål, 1870

Euscopus Stål, 1870: 102, 106. Type species by monotypy: *Euscopus rufipes* Stål, 1870.

Ref.: S.L. Liu, 1981d (monogr.).

***Euscopus chinensis* Blöte, 1932**

Euscopus chinensis Blöte, 1932a: 263. HT: ♂, Vietnam ("Tonkin"); BMNH.

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

***Euscopus distinguendus* Blöte, 1933**

Euscopus distinguendus Blöte, 1933: 590. HT: ♂, Campuchea, "Kompong Kedey"; BMNH.

Distr. AS: CH (SE SW). EL: Oriental Region (Indochina, Kalimantan).

***Euscopus fuscus* Hsiao, 1964**

Euscopus fuscus Hsiao, 1964c: 401, 405. HT: ♂, CH (SW), Yunnan, Longling; IZAS.

Distr. AS: CH (SW).

***Euscopus rufipes* Stål, 1870**

Euscopus rufipes Stål, 1870: 106. ST(S): ♂, Indonesia, Java; NHRS.

Aeschines pyrrhocoroides Kirkaldy & Edwards, 1902: 167 (syn. Distant, 1903a: 106).
HT: Burma, Carin Cheba; USNM.

Distr. AS: CH (SE SW) TA. EL: Oriental Region (India to Indonesia).

Note: Contrary to Distant (1903a: 106), *Euscopus vittiventris* (Walker, 1872) from India is a separate species, not a synonym of *E. rufipes* (see Blöte, 1932b: 1).

Genus *Melamphaus* Stål, 1868

Melamphaus Stål, 1868: 83. Type species by monotypy: *Cimex faber* Fabricius, 1787.

Ref.: S.L. Liu, 1981d (monogr.).

***Melamphaus faber* (Fabricius, 1787)**

Cimex faber Fabricius, 1787: 297. STS: Vietnam, "Poulicandor" [= Con Dao Is.]; BMNH, ZMUC.

Melamphaus faber var. *distanti* E. Schmidt, 1932: 244. HT: ♂, Indonesia, Sumatra, Soekaranda; ZMPA.

Melamphaus faber var. *vicinus* E. Schmidt, 1932: 245. HT: ♂, locality unknown; ZMHB.

Melamphaus komodoensis Kiritshenko, 1963b: 63 (syn. Stehlík & Kerzhner, 1999: 124).
LT (Stehlík & Kerzhner, 1999: 124): ♂, Indonesia, Komodo Is.; ZMAS.

Distr. AS: CH (SW WP) TA (Lanyu Is). EL: Oriental Region (India to Philippines and Indonesia).

Ref.: Esaki, 1931b (fig.); Miller, 1932 (biol., larvae).

***Melamphaus rubrocinctus* (Stål, 1863)**

Dysdercus (?) *rubrocinctus* Stål, 1863a: 403. LT (Sehnal & Kerzhner, 1999: 132): ♀, India, Assam; NHMW.

Melamphaus femoratus Walker, 1873b: 15 (syn. Distant, 1902b: 37). HT: ♀, India ("North Hindostan"); BMNH.

Distr. AS: CH (SW). EL: Oriental Region (India, Burma).

Genus *Probergrothius* Kirkaldy, 1904

Odontopus Laporte, 1833: 37 (junior homonym of *Odontopus* Say, 1831, Coleoptera).

Type species by monotypy: *Odontopus sexpunctatus* Laporte, 1833, tropical Africa.

Probergrothius Kirkaldy, 1904: 280. New name for *Odontopus* Laporte, 1833.

***Probergrothius dilectus* (Walker, 1872)**

Odontopus dilectus Walker, 1872: 176. HT: ♂, YE, Aden; BMNH.

Distr. AS: YE.

***Probergrothius longiventris* (S.L. Liu, 1987)**

Odontopus longiventris S.L. Liu, 1987b: 191. ST(S): CH (SW), Yunnan, Gengma County; IZAS.

Distr. AS: CH (SW).

Genus *Pyrrhocoris* Fallén, 1814

Pyrrhocoris Fallén, 1814: 9. Type species by monotypy: *Cimex apterus* Linnaeus, 1758.

Astemma Lepeletier & Serville, 1825: 323 (syn. Burmeister, 1835: 283). Type species by subsequent designation (Blanchard, 1842: 247): *Cimex apterus* Linnaeus, 1758.

Platynotus Schilling, 1829: 37, 57 (junior homonym of *Platynotus* Fabricius, 1801, Coleoptera; syn. Curtis, 1833a: pl. 465). Type species by monotypy: *Cimex apterus* Linnaeus, 1758.

Meganotus Laporte, 1833: 38. New name for *Platynotus* Schilling, 1829.

Phytocoriza Laporte, 1833: 83. Credited to Fallén and used as senior synonym of *Meganotus*. Probably a misspelling of *Pyrrhocoris*.

Platycoris Gistel, 1848: 149 (junior homonym of *Platycoris* Guérin-Méneville, 1831, Heteroptera, Pentatomidae). Unnecessary new name for *Pyrrhocoris* Fallén, 1814.

Ref.: China, 1954 (nomencl.).

Note: *Pyrrhocoris sanguineus* Fieber, 1861 described from "southern Europe" (in error) is a junior synonym of the South African species *Cenaesus carnifex* (Fabricius, 1775).

***Pyrrhocoris apterus* (Linnaeus, 1758)**

Cimex apterus Linnaeus, 1758: 447. ST(S): GE; LSUK.

Cimex gregarius Goeze, 1778: 213. Unnecessary new name for *apterus* Linnaeus, 1758.

Pyrrhocoris calvariensis Fallén, 1829: 73. Unnecessary new name for *apterus* Linnaeus, 1758.

Pyrrhocoris sordidus Jakovlev, 1880: 160 (syn. Kiritshenko, 1912a: 205). LT (Stehlik & Kerzhner, 1999: 125): ♂, IN, Shahkuh; ZMAS.

Pyrrhocoris apterus var. *membranacea* Westhoff, 1884: 38. Unavailable name expressly given for a pennate macropterous form.

Pyrrhocoris apterus var. *pennata* Westhoff, 1884: 38. Unavailable name expressly given for fully winged form.

Pyrrhocoris apterus var. *carbonarius* Horváth, 1895a: 159. HT: ♂, FR, Landes; HNHM.

Pyrrhocoris apterus f. *cor* Schulze, 1917: 389. STS: GE, Finkenkrug nr Berlin.

Pyrrhocoris apterus f. *crassipuncta* Schulze, 1917: 389. STS: GE, Finkenkrug nr Berlin.

Pyrrhocoris apterus f. *strigata* Schulze, 1917: 389. STS: GE, Finkenkrug nr Berlin.

Pyrrhocoris apterus f. *radiata* Schulze, 1917: 390. STS: GE, Finkenkrug nr Berlin.

Pyrrhocoris apterus var. *hilaris* Horváth, 1917: 381. STS: ♀, RO (Nagyszeben [= Sibiu], "Vöröstorony"), AT (Tshajan) and AB (Pirsagat River; "Mara-jurd" in Talysh); HNHM.

Pyrrhocoris apterus var. *lagenifer* Horváth, 1917: 381. HT (see Horváth, 1895a: 159): ♀, HU, Kalocsa; HNHM.

Pyrrhocoris apterus f. *citrina* Schumacher, 1918: 91. STS: ♂, ♀, MC, Babuna; ZMHB? (not found).

Pyrrhocoris apterus f. *inaequalis* Stichel, 1925: 59.

Pyrrhocoris apterus f. *punctella* Stichel, 1925: 59.

Pyrrhocoris apterus f. *trifida* Stichel, 1925: 60.

Pyrrhocoris apterus f. *sempunctata* Priesner, 1927: 56. HT: ♀, AU, Pernstein; OLML.

Pyrrhocoris apterus f. *gigas* Kormilev, 1939: 27. STS: YU, Kožutnjak nr Belgrade; Natural History Museum in Belgrade, YU. Equals f. *crassipuncta* (see Stichel, 1959:

352).

Pyrrhocoris apterus f. *ochracea* Wagner, 1948b: 233. STS: ♂, ♀, GE, Holinstorf nr Lauenburg; ZMUH.

Pyrrhocoris apterus f. *vacata* Stichel, 1959: 295.

Pyrrhocoris pseudoapterus Ahmad & Perveen, 1986b: 77 (syn. Stehlík & Kerzhner, 1999: 125). HT: ♂, IQ, Alkabat; Natural History Museum, University of Karachi, Pakistan.

Distr. EU: AL AN! AU BE BH BU BY CR CZ DE EK EN ET FR GB 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 MO TU. AS: AB AF AK AR AT CH (NW) CY GG IN IQ IS KI KU MG RU (WS) SA SY TD TM UZ. **EL:** Pakistan.

Ref.: Jaus, 1934 (wing polymorphism); Pluot, 1978 (genitalia); Popovici-Baznoșanu & Dobreanu, 1941 (biol., morph.); V.G. Putshkov, 1974; Schlagbauer, 1966 (rearing); Socha, 1993 (bibliogr., review of various aspects); Seidenstücker, 1953c (polymorphism).

Note: Records from S India, USA and Costa Rica were based on occasional import or mislabelling. The record from FI was based on occasional import to Helsinki. Citations from CI and Cabo Verde (Moulet, 1995) are erroneous.

***Pyrrhocoris fuscopunctatus* Stål, 1858**

Pyrrhocoris fuscopunctatus Stål, 1858b: 182. ST(S): ♂, RU (ES), Irkutsk; NHRS.

Distr. AS: CH (WP) MG RU (ES).

***Pyrrhocoris marginatus* (Kolenati, 1845)**

Platygaster marginatus Kolenati, 1845: 86. LT (Sehnal & Kerzhner, 1999: 132): ♀, GG, Tiflis [= Tbilisi]; NHMW.

Distr. EU: AL AU BE? BH BU CR CZ EK FR GE GR HU IT MC MD LU PL RO RU (ST) SK SL SZ UK YU. AS: AB AR AT CH (NW) GG IN KI RU (WS) TD UZ.

Ref.: Ahmad & Perveen, 1987; Heiss, 1983b; V.G. Putshkov, 1974 (egg, larva).

Note: The record from PL apparently is erroneous.

***Pyrrhocoris niger* Reuter, 1888**

Pyrrhocoris niger Reuter, 1888c: 224. STS: 2 ex., GR, Crete, Mt Lasithi; MZHF, ZMHB.

Distr. EU: GR (Crete).

Ref.: Heiss, 1983b.

Note: The records from AB (Horváth, 1891d) and AT (Awad & Önder, 1997) are erroneous.

***Pyrrhocoris sibiricus* Kuschakewitsch, 1866**

Pyrrhocoris sibiricus Kuschakewitsch, 1866: 98. LT (Stehlík & Kerzhner, 1999: 125): ♀, RU (ES), Buryatia, Kyakhta; ZMAS.

Pyrrhocoris fieberi Kuschakewitsch, 1866: 97 (syn. Josifov & Kerzhner, 1978: 155). ST(S): ♂, RU (FE), Amur; lost? (Stehlík & Kerzhner, 1999: 125).

Pyrrhocoris maculicollis Walker, 1872: 171 (syn. Distant, 1902b: 44). HT: ♀, CH ("North China"); BMNH.

Pyrrhocoris tibialis Stål, 1874a: 168 (syn. Josifov & Kerzhner, 1978: 155). STS: ♂, ♀, JA; NHRS.

Pyrrhocoris coriaceus Scott, 1874: 440 (syn. Horváth, 1879: cviii, with *tibialis*). STS: ♂, ♀, JA; BMNH.

Pyrrhocoris dispar Jakovlev, 1880: 161 (syn. Horváth, 1889a: 326, with *tibialis*). LT (Stehlík & Kerzhner, 1999: 125): ♀, JA; ZMAS.

Dermatinus reticulatus Signoret, 1881b: 46 (syn. Stehlík & Kerzhner, 1999: 125). ST(S): CH; not located (Sehnal & Kerzhner, 1999: 132).

Scantius formosanus Bergroth, 1914b: 356 (syn. Stehlík & Kerzhner, 1999: 125). LT (Stehlík & Kerzhner, 1999: 125): ♂, TA, Anping; DEIC.
Distr. AS: CH (CE NE NO SW WP) JA KO MG RU (ES FE) TA.
Ref.: Kanyukova, 1982.

***Pyrrhocoris sinuaticollis* Reuter, 1885**

Pyrrhocoris sinuaticollis Reuter, 1885b: 232. LT (Kerzhner, 1993: 103): ♂, RU (FE), Vladivostok; MZHF.
Pyrrhocoris stehliki Kanyukova, 1982: 307 (syn. Kanyukova, 1988b: 903; see also Kerzhner, 1993: 103). HT: ♂, RU (FE), Primorsk Terr., Anisimovka; ZMAS.
Distr. AS: CH (CE NE NO) JA KO RU (FE).

Genus *Pyrrhopeplus* Stål, 1870

Pyrrhopeplus Stål, 1870: 103, 115. Type species by monotypy: *Pyrrhocoris carduelis* Stål, 1863.
Ref.: Ahmad & Abbas, 1987b; S.L. Liu, 1981d (monogr.); Schaefer & Thanh Nguyen, 1995 (review).

***Pyrrhopeplus carduelis* (Stål, 1863)**

Pyrrhocoris carduelis Stål, 1863a: 404. STS: ♀, CH, "China borealis" and Hong Kong; NHRS, ZMPA.
Distr. AS: CH (CE NO SE) TA.

***Pyrrhopeplus impictus* Hsiao, 1964**

Pyrrhopeplus impictus Hsiao, 1964c: 404, 406. HT: ♂, CH (SW), Yunnan, Jingdong; IZAS.
Distr. AS: CH (SW).

***Pyrrhopeplus posthumus* Horváth, 1892**

Pyrrhopeplus carduelis var. *posthumus* Horváth, 1892c: 135 (upgraded by Horváth, 1909b: 631). STS: ♂, ♀, CH (WP), Xizang, Yarkalo [= Chagyoil]; HNHM.
Pyrrhopeplus pictus Distant, 1902b: 41 (syn. Horváth, 1909b: 631). STS: Bangladesh (Sylhet) and India (Naga Hills); BMNH.
Distr. AS: CH (SW WP). EL: Oriental Region (Bangladesh, Burma, India, Viet Nam).

Genus *Scantius* Stål, 1866

Scantius Stål, 1866a: 4, 10. Type species by subsequent designation (Distant, 1903a: 117): *Cimex forsteri* Fabricius, 1781.
Lodosiana Ahmad & Abbas, 1986: 72 (syn. Carapezza et al., 1999: 129). Type species by original designation: *Cimex aegyptius* Linnaeus, 1758.

***Scantius aegyptius aegyptius* (Linnaeus, 1758)**

Cimex aegyptius Linnaeus, 1758: 447. ST(S): EG; UZIU.
Scantius aegyptius iraquensis Blöte, 1933: 597 (syn. Carapezza, 1995: 246). HT: ♂, IQ, Hinaida [= Hinaidi nr Baghdad]; BMNH.
Lodosiana noshkiensis Ahmad & Zaidi, 1989a: 58 (syn. Carapezza et al., 1999: 129). HT: ♂, Pakistan, Baluchistan, Noshki; Natural History Museum, University of Karachi, Pakistan.
Lodosiana turbatensis Ahmad & Zaidi, 1989a: 58, 61 (syn. Carapezza et al., 1999: 129). HT: ♂, Pakistan, Baluchistan, Turbat; Natural History Museum, University of Karachi, Pakistan.
Distr. EU: IT (Pantelleria, Lampedusa and Linosa Is) MA PO SP. NA: AG EG CI LB MO TU. AS: AF (south) AT (south-east) CY IN (except north-west) IQ IS JO KU LE SA SI SY TM (south-west) YE. EL: Pakistan (south).
Ref.: Carapezza, 1995; Carapezza et al., 1999; Pluot, 1978.

Note: Populations from CI, PO, SP, north-eastern IN and TM are more or less intermediate between the two subspecies (Carapezza et al., 1999: 131). The citation from Cabo Verde (Pluot, 1978: map) apparently is erroneous.

***Scantius aegyptius rossii* Carapezza, Kerzhner & Rieger, 1999**

Cimex italicus Rossi, 1790: 241 (junior primary homonym of *Cimex italicus* Müller, 1766; syn. Illiger in Rossi, 1807: 383; as subspecies by Carapezza, 1995: 246). STS: IT (north); ZMHB (1♀?).

Scantius aegyptius rossii Carapezza, Kerzhner & Rieger, 1999: 131. New name for *italicus* Rossi, 1790.

Distr. EU: AL BH BU CR FR GR ET IT MC RU (ST: Caucasus) UK (Crimea) YU. AS: AB AF AK AR AT (west and north) GG IN (north-west) KI TD TM (east) UZ. EL: Pakistan (north)?

Ref.: Carapezza, 1995; Carapezza et al., 1999.

Note: The record from N Pakistan is based on one larva (Hoberlandt, 1960).

***Scantius forsteri* (Fabricius, 1781)**

Cimex forsteri Fabricius, 1781: 368. STS: South African, "Cap. bon. sp." [= Cape of Good Hope]; BMNH, ZMUC.

Cimex clavimanus Fabricius, 1781: 368 (syn. Stål, 1863b: 500). ST(S): "Africa aequinoctialis" [= equatorial Africa]; BMNH (1 ST).

Cimex deustus Thunberg, 1784: 58 (syn. Thunberg, 1822b: 3; Stål, 1855c: 346). ST(S): no locality given; UZIU.

Dermatinus centralis Signoret, 1861: 952 (syn. Stål, 1866a: 11). LT (Sehnal & Kerzhner, 1999: 132): ♂, Madagascar, Nossi-be [= Nosy Be] Is.; NHMW.

Scantius volucris Gerstaecker, 1873: 413 (syn. Distant, 1911a: 98, suspected; Stehlík, 1965b: 246). HT: ♂, Kenya, Wanga [= Vanga]; ZMHB.

Scantius abyssinicus Bolivar, 1879: 142 (syn. Stehlík, 1965b: 246). HT: ♂, Ethiopia ("Abyssinia"); MNMS.

Scantius pallens Distant, 1903a: 117 (syn. Stehlík & Kerzhner, 1999: 126). LT (Ahmad & Zaidi, 1989b: 168, as HT): ♀, Pakistan, Sind; BMNH.

Scantius coriaceus Distant, 1911a: 99 (syn. Stehlík & Kerzhner, 1999: 126). HT: "India"; NHMW? (not found, see Sehnal & Kerzhner, 1999: 132). Ahmad & Zaidi (1989b: 160) incorrectly indicated as HT a ♀ from Chik Ballapur, India, in BMNH.

Scantius neopallens Ahmad & Abbas, 1986: 77 (syn. Stehlík & Kerzhner, 1999: 126). HT: ♂, Pakistan, Baluchistan, Mand; Natural History Museum, University of Karachi, Pakistan.

Scantius distantii Ahmad & Zaidi, 1989b: 156, 160 (syn. Stehlík & Kerzhner, 1999: 126). HT: ♂, India; BMNH.

Distr. EU: IT (Sicily?). NA: EG. AS: AF IN IQ IS KU SA SI SY YE. EL: tropical Africa, India, Pakistan.

Ref.: Ahmad & Mohammad, 1983b (*volucris*; larvae); Ahmad & Zaidi, 1989b; Cachan, 1952; Stehlík, 1965b.

***Scantius subapterus* (Spinola, 1837)**

Astemma subapterum Spinola, 1837: 179. ST(S): ♂, "Barbaria" [= MO?].

Distr. NA: MO?

Note: A species inquirenda.

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ADDITIONS AND CORRECTIONS TO VOLUME 1

- page 36 *Glaenocoris propinqua propinqua*: add IR to Distr.
 page 78 *Mesovelia vittigera*: add YU to distribution (overlooked, see Kment, 2001).
 page 88 *Microvelia pygmaea*: add CR, IR and SL to distribution (overlooked, see Kment, 2001).

ADDITIONS AND CORRECTIONS TO VOLUME 2

- page 13 *Agramma confusum*: delete BY from Distr.
Agramma femorale: add BY to Distr.
 page 15 *Agramma ruficorne*: add BY to Distr.
 page 37 *Dictyonota strichnocera*: delete EN and LA from Distr.
 page 62 *Stephanitis pyri*: add question marks to BY and LT under Distr.
 page 65 *Tingis pauperata*: add question mark to BY under Distr.

ADDITIONS AND CORRECTIONS TO VOLUME 3

- page 40 *Deraeocoris flavilinea*: change AB! into AL! under Distr.
 page 56 *Adelphocoris reichelii*: delete BE from Distr.
 page 57 *Adelphocoris seticornis* f. *femoralis*: the type locality is SL (as AU), Luttenberg [= Ljutomer].
 page 123 *Lygus wagneri*: delete exclamation mark after BE.
 page 156 *Phytocoris dimidiatus*: delete exclamation mark after BE.
 page 159 *Phytocoris reuteri*: delete exclamation mark after BE.
 page 168 *Pinalitus viscicola*: add AU to Distr.
 page 171 *Polymerus holosericeus*: delete exclamation mark after BE.
 page 220 *Myrmecophyes geniculatus*: add TD to Distr.
 page 224 *Orthocephalus proserpinae*: add AU to Distr.
 page 231 *Strongylocoris luridus*: add AU to Distr.
 page 262 *Orthotylus interpositus*: delete BE from Distr.
 page 267 *Orthotylus beieri*: the type locality is IT (as AU), Raibl [= Cave del Predil, S of Tarvison]; delete AU from Distr.
 page 274 *Pseudoloxops coccineus*: add BE to Distr.
 page 279 *Hypseloecus visci*: add AU to Distr.
 page 312 *Atractotomus parvulus*: add question mark to BE under Distr.
 page 315 *Camptotylidea alhagii*: delete IN TM UZ from distribution. The citations by Linnavuori (1986) refer to *C. suturalis* (see Linnavuori, 1990b).
 page 316 *Camptotylidea eremobium*: replace with *Camptotylidea eremobia*.
 page 320 *Campylomma diversicorne*: delete question mark after AR.
 page 354 *Hoplomachus thunbergii*: delete question mark after AR.
 page 361 *Macrotylus atricapillus*: add RU (ST) to Distr.
 page 363 *Macrotylus paykullii*: add RU (ST) to Distr.
 page 379 *Oncotylus viridiflavus viridiflavus*: add AU to Distr.
 page 394 *Plagiognathus fulvipennis*: add BE to Distr.
 page 413 *Psallus falleni*: add BE to Distr.
 page 417 *Psallus samedovi*: transfer to the subgenus *Phylidea*.
 page 422 *Salicarus roseri*: add BE to Distr.
 page 426 *Sthenarus rotermundi*: add BE to Distr.

page 436 *Tuponia tibialis*: the type locality is in TM, not in UZ.