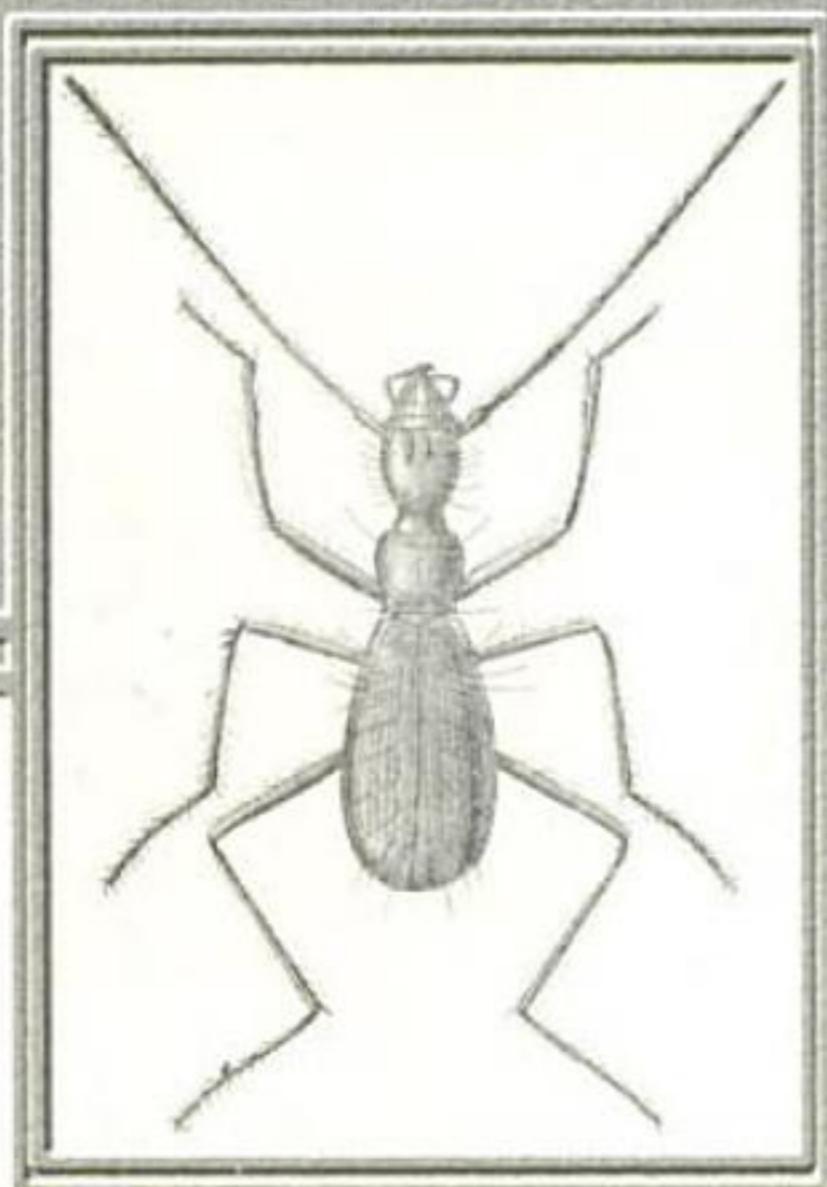


Catalogue of the ground-beetles of Bulgaria (Coleoptera: Carabidae)

by
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INTRODUCTION

The Carabidae is a huge, worldwide distributed beetle family which is an exceptionally interesting object of various biological observations. The ground-beetles form the largest family within the suborder Adephaga of the order Coleoptera and include over 25,000 (according to Kryzhanovsky, 1983) to 40,000 (according to some other specialists) existing species. The estimated number of species occurring in Europe exceeds 2,700 (Turin, 1981).

Although most ground-beetles are predators living in or on the ground, there are also arbori- and cavernicoles. To complete their menu, many carnivorous species feed sometimes also on plants, mainly their seeds (Zabrini, some Harpalini). The importance of ground-beetles for biological control in agriculture and forestry has long been acknowledged.

The carabid fauna of Bulgaria is comparatively rich in species in relation to the country's area (110,912 sq. km) and geographical position (the Balkan Peninsula). The bulk of the territory is taken up by the zone of European temperate deciduous forest, yet the extreme south (Sandanski-Petrich valley, southern Black Sea coast) borders a transitional submediterranean semi-xerophytic zone. The local Faunus in the southernmost part of the country are rich of mediterranean species (*Broscus nobilis*, *Gynandromorphus etruscus*, *Diachromus germanus*, several *Ophonus* and *Acinopus* species, all *Carterus* and *Dixus* species etc.), some of which are endemic to the Balkans (*Calathus ellipticus*, *C. glabricollis*, *Pachycarus atrocoeruleus*, *Singilis fuscipennis*). The northeasternmost part of Bulgaria (southern Dobrudzha and the eastern Danube Plain) encompasses steppe-like habitats supporting several Eurasian steppe plants. Those areas are characterized by a high proportion of more xerothermic carabid species (*Cicindela chiloleuca*, *Calosoma denticolle*, *Cardioderus chloroticus*, *Taphoxenus gigas*, several *Harpalus* and *Cymindis* species). The diversity of the ground-beetle fauna is further increased due to the existence of mountains elevated up to 2,925 m a.s.l. (Peak Mussala in Rila Mts.) where several boreo-mountainous species (*Nebria gyllenhali*, *Amara erratica*, *A. quenseli*) co-occur with numerous endemics and subendemics (*Carabus cavernosus*, *Procerus sommeri bureschianus*, *Nebria rhilensis*, *N. eugeniae*, *Trechus szueckii*, *T. demircapicus*, *T. rambouseki*, *Xenion ignitum*, *Pterostichus rhilensis*, all *Tapinopterus* and most *Molops* species, etc.). A significant part of the fauna is formed by endogean and cavernicolous ground-beetles, some of which are endemic at the generic level (*Pheggomisetes* spp., subgenus *Paraduivalius* of the genus *Duvalius*, *Rambousekiella ledenikensis*).

Generally, the Bulgarian ground-beetle fauna can be regarded as well-studied except for some groups such as *Dyschirius*, *Trechini*, *Bembidion*, *Pterostichini*, *Zabrus*, some *Harpalini* and a few others. Another problem is a somewhat uneven and patchy pattern of exploration of different parts of the country. Some regions (Danube Plain, Predbalkan, Strandzha Mt., the western and southern frontiers) badly need further surveys.

MATERIAL

An up-to-date list of literature items containing information about the Bulgarian Carabidae comprises 224 titles. The first records of Carabidae in Bulgaria belong to Frivaldszky (1835). The basic faunistic works since then are those by Apfelbeck (1904), Netolitzky (1912), Rambousek (1912) and Buresch & Kantardjieva (1928). The most comprehensive recent paper on the Bulgarian ground-beetle fauna is that by Hieke & Wräse (1988). Due to their works already supplemented by Wräse (1991), a synopsis of the Carabidae of Bulgaria can be attempted. Yet the most important contribution is that the work is based on numerous European collections as well as extensive materials collected by both authors in Bulgaria. On the other hand, however, the paper of Hieke & Wräse (1988) does not contain a complete list of Bulgarian carabids because several literature sources have been omitted. In addition, some new faunistic data have been published recently by V. Guéorguiev (1988, 1989, 1990, 1992), Vasilev (1988a, 1988b, 1992) and Vasilev & Necheva (1989, 1990).

The present catalogue is designed as a traditional one, being based both on all records available in the literature and on pertinent material known to us until the end of 1994. The most important collections involved are those housed in the Narodni Museum, Prague (Czech Republic) and the National Museum of Natural History, Sofia (Bulgaria). In addition, some materials recently taken by a number of Bulgarian entomologists have been incorporated here as well. As a result, the catalogue lists 754 species and subspecies belonging to 116 genera, of which one genus (*Pachycarus*) and 15 species are new to the Bulgarian fauna. Besides, numerous new distribution records are given as based on materials deposited in various private collections. The work encompasses all taxonomic names of carabid beetles reported from Bulgaria, including synonyms, subspecies, varieties, aberrations or morphs.

METHODS

In the beginning, a check-list is given comprising all acknowledged carabid taxa yet encountered in Bulgaria, including their more widely used synonyms in the literature pertaining to the Bulgarian fauna. The species new to the Bulgarian list are marked with an asterisk (*).

The systematic part includes the author(s) and year of as well as a reference to the description of each acknowledged genus. The same concerns each subgenus except for such a reference. For each genus and its synonyms, if any, a reference to the type-species is also given. Information about each species/subspecies is divided as follows:

- the author(s) and year of as well as a reference to the original description;
- all names under which the taxon has been mentioned/described from the territory of Bulgaria coupled with references to all literature records;
- abbreviations of the regions of Bulgaria from where the species has hitherto been recorded, arranged from north to south and from west to east;
- new localities (region, locations, date, depository sites) from Bulgaria based on collected and/or revised materials;
- the vertical distribution range in Bulgaria, so far as known;
- seasonal periodicity - the months when the species has been sampled in Bulgaria (if they are known);
- overall geographical distribution indicated by listing the names of all regions/countries from where the respective (sub)species has been recorded;
- notes on the systematic position, presence in Bulgaria, synonymy and/or distribution of certain taxa.

In the cases when a certain species is known in Bulgaria from a single or a few localities only, the latter are given in brackets after the region's abbreviation(s). The original spelling of the locus typicus in quotation marks and the modern one in brackets is given for each taxon described from Bulgaria, when these differ. The spellings of the Bulgarian localities and subregions follow those accepted in the Current Contents.

At the end, a list is given of 30 species or subspecies either erroneously recorded in Bulgaria in its present scope or doubtful as elements of the Bulgarian fauna.

The classification of suprageneric taxa is generally that accepted after Kryzhanovsky (1983), with only a few minor modifications by Casale, Sturani & Vigna Taglianti (1982), e.g. Kryzhanovsky's "supertribes" are treated here as subfamilies. Some revisions of particular taxa published after Kryzhanovsky's treatise (1983) have also been taken into account.

The work on the present catalogue started in 1991 and summarized all literature data till May, 1995.

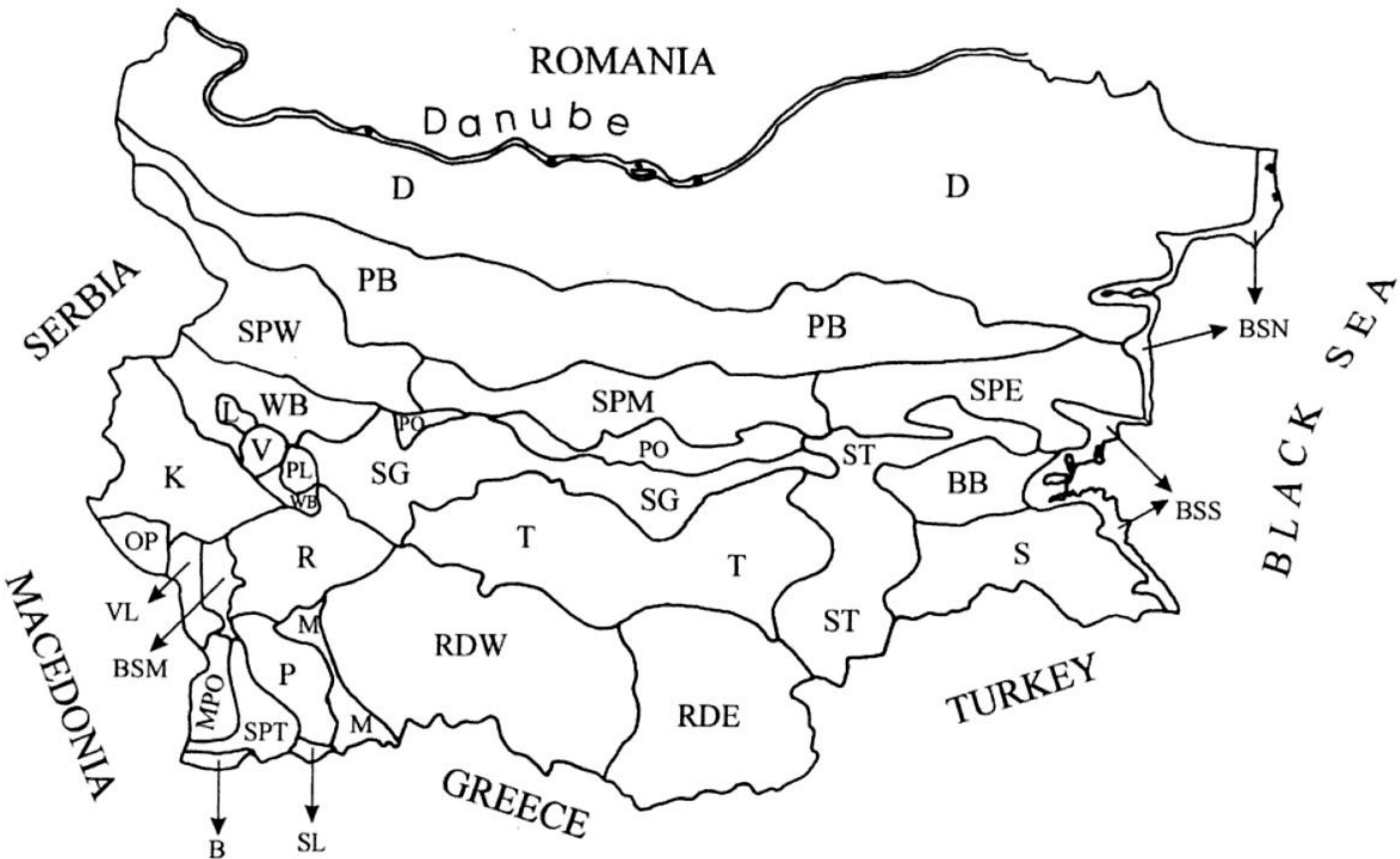
ABBREVIATIONS USED IN THE TEXT

| | |
|----------|---|
| IF | - Institute of Forestry - Sofia |
| MB | - Natural History Museum - Blagoevgrad (Bulgaria) |
| MP | - Narodni Museum - Prague (Czech Republic) |
| MS | - National Museum of Natural History - Sofia (Bulgaria) |
| Bal E | - Balkan endemic |
| Bg E | - Bulgarian endemic |
| New loc. | - new locality(ies) |

GEOGRAPHICAL REGIONS OF BULGARIA

(see the map on p. 5)

| | |
|-----|---|
| B | - Belasitsa Mt. |
| BB | - Bakadzhiksko-Burgas regions |
| BS | - Black Sea coast |
| BSM | - Boboshevsko-Simitli valley |
| BSN | - northern Black Sea coast |
| BSS | - southern Black Sea coast |
| D | - Danube Plain |
| K | - Kraishte region (including Ruy Mt., Zemenska planina Mt., Konyavska planina Mt., Golo bardo Mt. and Verila Mt.) |
| L | - Lyulin Mt. |
| M | - Mesta valley |
| MPO | - Maleshevska planina Mt. and Ograzhden Mt. |
| OP | - Osogovska planina Mt. |
| P | - Pirin Mt. |
| PB | - Predbalkan (= Cisbalkan region) |
| PL | - Plana Mt. |
| PO | - Podbalkan (= Transbalkan region) |
| R | - Rila Mt. |
| RD | - Rhodope Mts. |
| RDE | - East Rhodope Mts. |
| RDW | - West Rhodope Mts. |
| S | - Strandzha Mt. |
| SG | - Sredna Gora Mts. (including Lozenska Mt.) |
| SL | - Slavyanka Mt. |
| SP | - Stara planina Mts. |
| SPE | - East Stara planina Mts. |
| SPM | - Middle Stara planina Mts. |
| SPT | - Sandanski-Petrich valley |
| SPW | - West Stara planina Mts. |
| ST | - Sakar-Tundzha region |
| T | - Thracean Lowland |
| V | - Vitosha Mt. |
| VL | - Vlahina Mt. |
| WB | - Western Bulgaria (including Sofia and Pernik regions) |



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ANNOTATED CHECK-LIST

FAMILIA CARABIDAE

I. SUBFAMILIA PAUSSINAE

TRIBUS PAUSSINI

Paussus Linnaeus, 1775

1 *Paussus turcicus* Frivaldszky, 1835

II. SUBFAMILIA CICINDELINAE

TRIBUS CICINDELINI

Cicindela Linnaeus, 1758

- | | |
|---|-------|
| 1 <i>Cicindela (Cicindela) soluta</i> Latreille & Dejean, 1822 | |
| 2 <i>Cicindela (Cicindela) silvicola</i> Latreille & Dejean, 1822 | |
| 3 <i>Cicindela (Cicindela) hybrida hybrida</i> Linnaeus, 1758 | |
| 4 <i>Cicindela (Cicindela) hybrida riparia</i> Latreille & Dejean, 1822 | |
| 5 <i>Cicindela (Cicindela) hybrida rumelica</i> Apfelbeck, 1904 | Bg E |
| 6 <i>Cicindela (Cicindela) campestris campestris</i> Linnaeus, 1758 | |
| 7 <i>Cicindela (Cicindela) campestris pontica</i> Fischer-Waldheim, 1825 | |
| 8 <i>Cicindela (Cylindera) germanica</i> Linnaeus, 1758 | |
| 9 <i>Cicindela (Cicindina) arenaria viennensis</i> Schrank, 1781 | |
| 10 <i>Cicindela (Cicindina) trisignata hellenica</i> (Cassola, 1973) | Bal E |
| 11 <i>Cicindela (Cephalota) turcica</i> Schaum, 1859 | |
| 12 <i>Cicindela (Taenidia) chiloleuca</i> Fischer-Waldheim, 1820 | |
| 13 <i>Cicindela (Taenidia) circumdata</i> Latreille & Dejean, 1822 | |
| 14 <i>Cicindela (Taenidia) elegans stigmatophora</i> Fischer-Waldheim, 1825 | |
| 15 <i>Cicindela (Lophyridia) fischeri</i> Adams, 1817 | |
| 16 <i>Cicindela (Lophyridia) littoralis nemoralis</i> Olivier, 1790 | |

III. SUBFAMILIA OMOPHRONINAE

TRIBUS OMOPHRONINI

Omophron Latreille, 1802

1 *Omophron limbatum* (Fabricius, 1776)

IV. SUBFAMILIA CARABINAE

TRIBUS CARABINI

Calosoma Weber, 1801

- 1 *Calosoma (Acalosoma) inquisitor* (Linnaeus, 1758)
- 2 *Calosoma (Calosoma) sycophanta* (Linnaeus, 1758)
- 3 *Calosoma (Campalita) auropunctatum* (Herbst, 1782)
- 4 *Calosoma (Charmosta) denticolle* Gebler, 1833

Carabus Linnaeus, 1758

- 1 *Carabus (Limnocarabus) clathratus stygius* Ganglbauer, 1890
- 2 *Carabus (Morphocarabus) scheidleri versicolor* Frivaldszky, 1835 Bal E
- 3 *Carabus (Morphocarabus) scabriuscus bulgarus* Lapouge, 1908
- 4 *Carabus (Carabus) granulatus* Linnaeus, 1758
- 5 *Carabus (Carabus) menetriesi* Faldermann, 1827
- 6 *Carabus (Eucarabus) ullrichi ullrichi* Germar, 1824
- 7 *Carabus (Eucarabus) ullrichi fastuosus* Palliardi, 1825
- 8 *Carabus (Autocarabus) cancellatus intermedius* Dejean, 1826
- 9 *Carabus (Archicarabus) nemorialis* O. F. Müller, 1764
- 10 *Carabus (Archicarabus) montivagus bulgaricus* Csiki, 1927 Bal E
- 11 *Carabus (Archicarabus) wiedemanni vaitoiani* Strasser, 1900 Bal E
- 12 *Carabus (Orinocarabus) linnei* Panzer, 1812
- 13 *Carabus (Oreocarabus) hortensis* Linnaeus, 1758
- 14 *Carabus (Tomocarabus) convexus dilatatus* Dejean, 1826
- 15 *Carabus (Tomocarabus) convexus gracilior* Gehin, 1885
- 16 *Carabus (Pachystus) hungaricus* Fabricius, 1801
- 17 *Carabus (Pachystus) cavernosus* Frivaldszky, 1837 Bal E
- 18 *Carabus (Pachystus) graecus morio* Mannerheim, 1830
- 19 *Carabus (Hygrocarabus) variolosus* Fabricius, 1787
- 20 *Carabus (Chaetocarabus) intricatus* Linnaeus, 1761
- 21 *Carabus (Heterocarabus) marietti* Cristofori & Jan, 1837
- 22 *Carabus (Megodontus) violaceus azurescens* Dejean, 1826 Bal E
- 23 *Carabus (Lamprostus) torosus* Frivaldszky, 1835 Bal E
- 24 *Carabus (Procrustes) coriaceus cerisyi* Dejean, 1826
- 25 *Carabus (Procrustes) coriaceus kindermannii* Waltl, 1838

Procerus Dejean, 1826

- 1 *Procerus gigas* (Creutzer, 1799)
- 2 *Procerus sommeri bureschianus* (Breuning, 1928) Bal E
- 3 *Procerus scabrosus* (Olivier, 1789) Bg E

TRIBUS CYCHRINI

Cydrus Fabricius, 1794

- 1 *Cydrus semigranosus balcanicus* Hopffgarten, 1881 Bal E

V. SUBFAMILIA NEBRIINAE

TRIBUS NEBRIINI

Nebria Latreille, 1802

- | | |
|---|------|
| 1 <i>Nebria (Eunebria) jockischii nigricornis</i> Villa, 1833 | |
| 2 <i>Nebria (Eunebria) merkliana</i> Apfelbeck, 1904 | |
| 3 <i>Nebria (Boreonebria) rufescens</i> (Ström, 1768) | |
| (syn.: <i>gyllenhali</i> Schönherr, 1806) | |
| 4 <i>Nebria (Nebria) brevicollis</i> (Fabricius, 1792) | |
| 5 <i>Nebria (Alpaeus) rhilensis</i> Frivaldszky, 1879 | Bg E |
| 6 <i>Nebria (Alpaeus) eugeniae</i> K. Daniel, 1903 | Bg E |
| 7 <i>Nebria (Alpaeus) hybrida hybrida</i> Rottenberg, 1874 | Bg E |
| 8 <i>Nebria (Alpaeus) hybrida pirinensis</i> Horvatovich, 1973 | Bg E |
| 9 <i>Nebria (Alpaeus) hybrida rhodopensis</i> Horvatovich, 1973 | Bg E |

Leistus Frölich, 1799

- | | |
|--|-------|
| 1 <i>Leistus (Pogonophorus) magnicollis</i> Motschulsky, 1865 | Bal E |
| 2 <i>Leistus (Pogonophorus) spinibarbis rufipes</i> Chaudoir, 1843 | |
| 3 <i>Leistus (Pogonophorus) parvicollis</i> Chaudoir, 1869 | |
| 4 <i>Leistus (Pogonophorus) rufomarginatus</i> Duftschmid, 1812 | |
| 5 <i>Leistus (Leistus) ferrugineus</i> (Linnaeus, 1758) | |
| 6 <i>Leistus (Leistus) fulvibarbis</i> Dejean, 1826 | |

VI. SUBFAMILIA NOTIOPHILINAE

TRIBUS NOTIOPHILINI

Notiophilus Dumeril, 1806

- | | |
|--|--|
| 1 <i>Notiophilus interstitialis</i> Reitter, 1889 | |
| 2 <i>Notiophilus aestuans</i> Motschulsky, 1864 | |
| (syn.: <i>pusillus</i> Waterhouse, 1833, nec Schreber, 1759) | |
| 3 <i>Notiophilus aquaticus</i> (Linnaeus, 1758) | |
| 4 <i>Notiophilus palustris</i> (Duftschmid, 1812) | |
| 5 <i>Notiophilus germinyi</i> Fauvel, 1863 | |
| (syn.: <i>hypocrita</i> Putzeys, 1866, nec Curtis, 1829) | |
| 6 <i>Notiophilus laticollis</i> Chaudoir, 1850 | |
| 7 <i>Notiophilus substriatus</i> Waterhouse, 1833 | |
| 8 <i>Notiophilus danieli</i> Reitter, 1897 | |
| 9 <i>Notiophilus rufipes</i> Curtis, 1829 | |
| 10 <i>Notiophilus biguttatus</i> (Fabricius, 1779) | |

VII. SUBFAMILIA ELAPHRINAE

TRIBUS ELAPHRINI

Elaphrus Fabricius, 1775

- 1 *Elaphrus (Elaphrus) riparius* (Linnaeus, 1758)
- 2 *Elaphrus (Elaphroterus) aureus* Ph. Müller, 1821
- 3 *Elaphrus (Neoelaphrus) uliginosus* Fabricius, 1775

VIII. SUBFAMILIA LORICERINAE

TRIBUS LORICERINI

Loricera Latreille, 1802

- 1 *Loricera pilicornis* (Fabricius, 1775)

IX. SUBFAMILIA SIAGONINAE

TRIBUS SIAGONINI

Siagona Latreille, 1804

- 1 *Siagona europaea* Dejean, 1826

X. SUBFAMILIA SCARITINAE

TRIBUS SCARITINI

Scarites Fabricius, 1775

- 1 *Scarites (Parallelomorphus) terricola* Bonelli, 1813
- 2 *Scarites (Parallelomorphus) laevigatus* Fabricius, 1792

TRIBUS CLIVININI

Clivina Latreille, 1802

- 1 *Clivina fossor* (Linnaeus, 1758)
- 2 *Clivina collaris* (Herbst, 1784)
- 3 *Clivina ypsilon* Dejean, 1829
- 4 *Clivina laevifrons* Chaudoir, 1842

Dyschirius Bonelli, 1809

- 1 *Dyschirius (Dyschirius) caspius* Putzeys, 1866
(syn. *ponticus* Lutshnik, 1921)
- 2 *Dyschirius (Dyschirius) latipennis* Seidlitz, 1867
- 3 *Dyschirius (Dyschirius) angustatus* Ahrens, 1830
- 4 *Dyschirius (Dyschiriodes) globosus* (Herbst, 1783)

- 5 *Dyschirius (Dyschiriodes) importunus* Schaum, 1857
- 6 *Dyschirius (Dyschiriodes) morio* Putzeys, 1866
(syn.: *simulator* J. Müller, 1922)
- 7 *Dyschirius (Dyschiriodes) strumosus* Erichson, 1837
- 8 *Dyschirius (Dyschiriodes) extensus* Putzeys, 1846
- 9 *Dyschirius (Dyschiriodes) aeneus* (Dejean, 1825)
- 10 *Dyschirius (Dyschiriodes) apicalis* Putzeys, 1846
- 11 *Dyschirius (Dyschiriodes) tristis* Stephens, 1827*
- 12 *Dyschirius (Dyschiriodes) intermedius* Putzeys, 1846
- 13 *Dyschirius (Dyschiriodes) chalybeus gibbifrons* Apfelbeck, 1899
- 14 *Dyschirius (Dyschiriodes) salinus striatopunctatus* Putzeys, 1846
- 15 *Dyschirius (Dyschiriodes) parallelus ruficornis* Putzeys, 1846
- 16 *Dyschirius (Dyschiriodes) substriatus priscus* J. Müller, 1922
- 17 *Dyschirius (Dyschiriodes) nitidus* (Dejean, 1825)
- 18 *Dyschirius (Dyschiriodes) agnatus* Motschulsky, 1844
(syn.: *lucidus* Putzeys, 1866; *makolskii* G. Müller, 1934
and *lucidus obenbergeri* Maran, 1935)
- 19 *Dyschirius (Dyschiriodes) politus* (Dejean, 1825)
- 20 *Dyschirius (Dyschiriodes) chalceus* Erichson, 1837
- 21 *Dyschirius (Dyschiriodes) cylindricus transylvanicus* Fleischer, 1905
- 22 *Dyschirius (Dyschiriodes) macroderus* Chaudoir, 1850
- 23 *Dyschirius (Dyschiriodes) laeviusculus* Putzeys, 1846
- 24 *Dyschirius (Dyschiriodes) luticola* Chaudoir, 1850
- 25 *Dyschirius (Dyschiriodes) pusillus* (Dejean, 1825)
- 26 *Dyschirius (Dyschiriodes) minutus albanicus* J. Müller, 1922

Bal E

XI. SUBFAMILIA BROSCINAE

TRIBUS BROSCINI

- Broscus* Panzer, 1813
- 1 *Broscus nobilis* (Dejean, 1828)*
 - 2 *Broscus cephalotes cephalotes* (Linnaeus, 1758)
 - 3 *Broscus cephalotes semistriatus* (Dejean, 1828)

TRIBUS APOTOMINI

- Apotomus* Illiger, 1807
- 1 *Apotomus testaceus* Dejean, 1825
 - 2 *Apotomus rufus* (Rossi, 1790)
 - 3 *Apotomus clypeonitens adanensis* Jedlicka, 1961

XII. SUBFAMILIA TRECHINAE

TRIBUS TRECHINI

Thalassophilus Wollaston, 18541 *Thalassophilus longicornis* (Sturm, 1825)*Perileptus* Schaum, 18601 *Perileptus areolatus* (Creutzer, 1799)*Lasiotrechus* Ganglbauer, 18921 *Lasiotrechus discus* (Fabricius, 1801)*Trechus* Clairville, 18061 *Trechus quadristriatus* (Schrank, 1781)2 *Trechus obtusus obtusus* Erichson, 18373 *Trechus obtusus thracicus* Pawlowski, 19734 *Trechus austriacus* Dejean, 18315 *Trechus crucifer* Brulerie, 18756 *Trechus subnotatus* Dejean, 1831

Bal E

7 *Trechus asiaticus* Jeannel, 1927

Bal E

8 *Trechus cardioderus balcanicus* Jeannel, 1927

Bal E

9 *Trechus cardioderus golesnicensis* Apfelbeck, 1918

Bal E

10 *Trechus rhilensis* Kaufmann, 1884

Bg E

(syn.: *thilensis moesiacus* Jeannel, 1921)11 *Trechus gulickai* Löbl, 1967

Bg E

12 *Trechus demircapicus* Moravec, 1986

Bg E

13 *Trechus orphaeus* Pawlowski, 1973

Bg E

14 *Trechus rambouseki* Breit, 1909

Bg E

15 *Trechus szujeckii* Pawlowski, 1972

Bg E

16 *Trechus priapus* K. Daniel, 1902

Bal E

17 *Trechus rhodopeius* Jeannel, 1921

Bg E

18 *Trechus tristis* (Duftschmid, 1812)19 *Trechus kobingeri bulgaricus* Pawlowski, 1972

Bg E

20 *Trechus merkli* Pawlowski, 1973

Bg E

21 *Trechus pirinicus* Pawlowski, 1972

Bg E

22 *Trechus matrismeae* Pawlowski, 1972

Bg E

23 *Trechus bohemorum* Pawlowski, 1973

Bg E

Pheggomisetes Knirsch, 19231 *Pheggomisetes buresi* Knirsch, 1923

Bg E

2 *Pheggomisetes radevi radevi* Knirsch, 1924

Bg E

3 *Pheggomisetes radevi ilcevi* Knirsch, 1924

Bg E

4 *Pheggomisetes radevi tranteevi* Guéorguiev, 1964

Bg E

5 *Pheggomisetes globiceps globiceps* Buresch, 1925

Bg E

6 *Pheggomisetes globiceps mladenovi* Guéorguiev, 1964

Bg E

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| 7 <i>Pheggomisetes globiceps georgievi</i> Z. Karaman, 1958 | Bg E |
| 8 <i>Pheggomisetes globiceps lakatnicensis</i> Jeannel, 1928 | Bg E |
| 9 <i>Pheggomisetes globiceps cerovensis</i> Guéorguiev, 1964 | Bg E |
| 10 <i>Pheggomisetes globiceps breiti</i> Mandl, 1942 | Bg E |
| 11 <i>Pheggomisetes globiceps islandjievi</i> Guéorguiev, 1964 | Bal E |
| 12 <i>Pheggomisetes globiceps stoicevi</i> Guéorguiev, 1964 | Bg E |
| 13 <i>Pheggomisetes globiceps karlukovensis</i> Genest, 1978 | Bg E |

Duvalius Delarouzée, 1859

| | |
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| 1 <i>Duvalius (Paraduvalius) balcanicus</i> (Frivaldszky, 1879) | Bg E |
| 2 <i>Duvalius (Paraduvalius) regisborisi</i> (Buresch, 1926) | Bg E |
| 3 <i>Duvalius (Paraduvalius) bulgaricus</i> (Knirsch, 1924) | Bg E |
| 4 <i>Duvalius (Paraduvalius) garevi</i> Casale & Genest, 1991 | Bg E |
| 5 <i>Duvalius (Paraduvalius) kotelensis</i> Genest, 1978 | Bg E |
| 6 <i>Duvalius (Paraduvalius) legrandi</i> (Genest, 1983) | Bg E |
| 7 <i>Duvalius (Paraduvalius) hanae</i> Hurka, 1990 | Bg E |
| 8 <i>Duvalius (Paraduvalius) karelhurkai</i> Farkac, 1990 | Bg E |
| 9 <i>Duvalius (Paraduvalius) zivkovi</i> (Knirsch, 1925) | Bg E |
| 10 <i>Duvalius (Paraduvalius) deltshevi</i> Guéorguiev, 1965 | Bg E |
| 11 <i>Duvalius (Paraduvalius) pretneri</i> Guéorguiev, 1971 | Bg E |
| 12 <i>Duvalius (Paraduvalius) beroni</i> Guéorguiev, 1971 | Bg E |
| 13 <i>Duvalius (Paraduvalius) bureschii</i> Jeannel, 1928 | Bg E |
| 14 <i>Duvalius (Paraduvalius) marani</i> (Knirsch, 1930) | Bg E |
| 15 <i>Duvalius (Paraduvalius) rajtchevi</i> (Genest & Juberthie, 1983) | Bg E |
| 16 <i>Duvalius (Paraduvalius) papasoffi</i> (Mandl, 1942) | Bg E |
| 17 <i>Duvalius (Duvaliotes) beshkovi</i> Coiffait, 1970 | Bg E |

TRIBUS TACHYINI

Tachys Stephens, 1828

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| 1 <i>Tachys (Tachys) scutellaris</i> (Stephens, 1828) |
| 2 <i>Tachys (Paratachys) fulvicollis</i> (Dejean, 1831) |
| 3 <i>Tachys (Paratachys) centriustatus</i> Reitter, 1894 |
| 4 <i>Tachys (Paratachys) bistriatus</i> (Duftschmid, 1812) |
| 5 <i>Tachys (Paratachys) micros</i> (Fischer-Waldheim, 1828) |

Polyderis Motschulsky, 1862

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| 1 <i>Polyderis cardioderus</i> (Chaudoir, 1850) |
| 2 <i>Polyderis brevicornis</i> (Chaudoir, 1846) |

Elaphropus Motschulsky, 1839

| | |
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| 1 <i>Elaphropus (Elaphropus) krueperi</i> (Apfelbeck, 1904) | Bg E |
| 2 <i>Elaphropus (Sphaerotachys) haemorrhoidalis</i> (Ponza, 1805) | |
| 3 <i>Elaphropus (Tachyura) parvulus</i> (Dejean, 1831) | |
| 4 <i>Elaphropus (Tachyura) quadrisignatus</i> (Duftschmid, 1812) | |
| 5 <i>Elaphropus (Tachyura) diabracchys bisbimaculatus</i> (Chevrolat, 1860) | |

(syn.: *inaequalis* Kolenati, 1845 ?)

Porotachys Netolitzky, 1914

1 *Porotachys bisulcatus* (Nicolai, 1822)

Tachyta Kirby, 1837

1 *Tachyta nana* (Gyllenhal, 1810)

Limnastis Motschulsky, 1862

1 *Limnastis galilaeus* Brulerie, 1875

TRIBUS BEMBIIDINI

Asaphidion Gozis, 1886

- | | |
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| 1 <i>Asaphidion caraboides balcanicus</i> Netolitzky, 1918 | Bal E |
| 2 <i>Asaphidion pallipes</i> (Duftschmid, 1812) | |
| 3 <i>Asaphidion rossii</i> (Schaum, 1857) | |
| 4 <i>Asaphidion cyanicorne</i> (Pandellé, 1867) | |
| 5 <i>Asaphidion flavipes</i> (Linnaeus, 1761) | |
| 6 <i>Asaphidion flavigerne</i> (Solsky, 1874) | |

Bembidion Latreille, 1802

- | | |
|--|-------|
| 1 <i>Bembidion (Microserullula) quadricolle</i> Motschulsky, 1844 | |
| 2 <i>Bembidion (Odontium) striatum</i> (Fabricius, 1792) | |
| 3 <i>Bembidion (Odontium) foraminosum</i> Sturm, 1825 | |
| 4 <i>Bembidion (Bracteon) argenteolum</i> Ahrens, 1812 | |
| 5 <i>Bembidion (Bracteon) litorale</i> (Olivier, 1791) | |
| 6 <i>Bembidion (Eurytrachelus) laticolle</i> (Duftschmid, 1812) | |
| 7 <i>Bembidion (Chlorodium) splendidum</i> Sturm, 1825 | |
| 8 <i>Bembidion (Chlorodium) pygmaeum</i> (Fabricius, 1792) | |
| 9 <i>Bembidion (Metallina) lampros</i> (Herbst, 1784) | |
| 10 <i>Bembidion (Metallina) properans</i> Stephens, 1828 | |
| 11 <i>Bembidion (Phila) tethys</i> Netolitzky, 1926 | |
| 12 <i>Bembidion (Principium) punctulatum</i> Drapiez, 1820 | |
| 13 <i>Bembidion (Testedium) bipunctatum nivale</i> Heer, 1841 | |
| 14 <i>Bembidion (Philochthus) inoptatum</i> Schaum, 1857 | |
| 15 <i>Bembidion (Philochthus) decolor</i> Apfelbeck, 1911 | Bal E |
| 16 <i>Bembidion (Philochthus) escherichi</i> Ganglbauer, 1897 | |
| 17 <i>Bembidion (Philochthus) mannerheimi</i> C. R. Sahlberg, 1827 | |
| (syn.: <i>unicolor</i> Chaudoir, 1850) | |
| 18 <i>Bembidion (Philochthus) guttula</i> (Fabricius, 1792) | |
| 19 <i>Bembidion (Philochthus) biguttatum</i> (Fabricius, 1779) | |
| 20 <i>Bembidion (Philochthus) lunulatum</i> (Fourcroy, 1785) | |
| 21 <i>Bembidion (Notaphocampa) niloticum</i> Dejean, 1831 | |
| 22 <i>Bembidion (Semicampa) guttulatum</i> Chaudoir, 1850 | |
| 23 <i>Bembidion (Diplocampa) assimile</i> Gyllenhal, 1810 | |
| 24 <i>Bembidion (Diplocampa) fumigatum</i> (Duftschmid, 1812) | |

- 25 *Bembidion (Bembidion) humerale* Sturm, 1825
 26 *Bembidion (Bembidion) quadripustulatum* Serville, 1821
 27 *Bembidion (Bembidion) quadrimaculatum* (Linnaeus, 1761)
 28 *Bembidion (Leja) articulatum* (Panzer, 1796)
 29 *Bembidion (Leja) octomaculatum* (Goeze, 1777)
 30 *Bembidion (Leja) maculatum* Dejean, 1831
 31 *Bembidion (Notaphus) obliquum* Sturm, 1825
 32 *Bembidion (Notaphus) varium* (Olivier, 1795)
 33 *Bembidion (Notaphus) rumelicum* Apfelbeck, 1902 Bal E
 34 *Bembidion (Notaphus) semipunctatum* Donovan, 1806
 (syn.: *adustum* Schaum, 1860)
 35 *Bembidion (Eupetodromus) dentellum* (Thunberg, 1787)
 36 *Bembidion (Notaphemphanes) ephippium* (Marsham, 1802)
 37 *Bembidion (Talanes) subfasciatum* Chaudoir, 1850
 38 *Bembidion (Emphanes) normannum apfelbecki* Müller-Mötzfeld, 1986
 39 *Bembidion (Emphanes) latiplaga* Chaudoir, 1850
 40 *Bembidion (Emphanes) pusillum* Gyllenhal, 1827
 (syn.: *minimum* (Fabricius, 1792))
 41 *Bembidion (Emphanes) rivulare euxinum* Apfelbeck, 1904 Bg E
 42 *Bembidion (Emphanes) tenellum* Erichson, 1837
 43 *Bembidion (Emphanes) azurescens* Dalla Torre, 1877
 44 *Bembidion (Synechostictus) stomoides* Dejean, 1831
 45 *Bembidion (Synechostictus) millerianum* Heyden, 1883
 46 *Bembidion (Synechostictus) elongatum tarsicum* Peyron, 1858
 47 *Bembidion (Synechostictus) decoratum* (Duftschmid, 1812)
 48 *Bembidion (Pseudolimnaeum) doderoi* Ganglbauer, 1892
 49 *Bembidion (Lymnaeum) nigropiceum* (Marsham, 1802)
 50 *Bembidion (Nepha) caucasicum* Motschulsky, 1844
 51 *Bembidion (Nepha) menetriesi retipenne* J. Müller, 1918
 52 *Bembidion (Nepha) menetriesi rufimacula* J. Müller, 1918
 53 *Bembidion (Nepha) tetragrammum illigeri* Netolitzky, 1914
 54 *Bembidion (Nepha) tetragrammum dissimile* G. Müller, 1943
 55 *Bembidion (Bembidionetolitzkya) fasciolatum* (Duftschmid, 1812)
 56 *Bembidion (Bembidionetolitzkya) concoeruleum* Netolitzky, 1943
 57 *Bembidion (Bembidionetolitzkya) tibiale* (Duftschmid, 1812)
 58 *Bembidion (Bembidionetolitzkya) rhodopense* Apfelbeck, 1902 Bal E
 59 *Bembidion (Bembidionetolitzkya) geniculatum* Heer, 1837
 (syn.: *redtenbacheri* K. Daniel, 1902)
 60 *Bembidion (Bembidionetolitzkya) varicolor* (Fabricius, 1803)
 (syn.: *tricolor* Fabricius, 1801, nec Gmelin, 1801)
 61 *Bembidion (Peryphiolus) monticola* Sturm, 1825
 62 *Bembidion (Peryphanes) deletum* Serville, 1821
 (syn.: *nitidulum* Marscham, 1802, nec Schrank, 1781)
 63 *Bembidion (Peryphanes) incognitum* G. Müller, 1931
 64 *Bembidion (Peryphanes) dalmatinum* Dejean, 1831
 65 *Bembidion (Peryphanes) castaneipenne* Duval, 1851

- 66 *Bembidion (Peryphanes) stephensi* Crotch, 1869
 67 *Bembidion (Peryphanes) brunnincorne* Dejean, 1831
 68 *Bembidion (Peryphanes) grandipenne* Schaum, 1862
 69 *Bembidion (Ocyturanes) praeustum* Dejean, 1831
 70 *Bembidion (Ocyturanes) balcanicum* Apfelbeck, 1899
 71 *Bembidion (Ocyturanes) signatipenne* Duval, 1852
 72 *Bembidion (Peryphus) subcostatum javurkovae* Fassati, 1944
 73 *Bembidion (Peryphus) femoratum* Sturm, 1825
 74 *Bembidion (Peryphus) andreae bualei* Duval, 1852
 75 *Bembidion (Peryphus) andreae albanicum* G. Müller, 1935 Bal E
 76 *Bembidion (Peryphus) cordicolle* Duval, 1851
 77 *Bembidion (Peryphus) testaceum* (Duftschmid, 1812)
 78 *Bembidion (Omoperyphus) semibraccatum* Netolitzky, 1911
 79 *Bembidion (Euperyphus) combustum* Ménétriés, 1832
 80 *Bembidion (Ocydromus) decorum decorum* (Zenker, 1801)
 81 *Bembidion (Ocydromus) decorum bodemeyeri* K. & J. Daniel, 1902
 82 *Bembidion (Ocydromus) siculum smyrnense* Apfelbeck, 1904
 83 *Bembidion (Ocydromus) atlanticum megaspilum* Walker, 1871
 84 *Bembidion (Ocydromus) modestum* (Fabricius, 1801)
 85 *Bembidion (Testediolum) glaciale* Heer, 1840

TRIBUS POGONINI

Cardioderus Dejean, 1828

- 1
- Cardioderus chloroticus*
- (Fischer-Waldheim, 1823)

Pogonus Nicolai, 1822

- 1 *Pogonus (Pogonus) luridipennis* (Germar, 1822)
 2 *Pogonus (Pogonus) iridipennis* Nicolai, 1822
 3 *Pogonus (Pogonus) litoralis* (Duftschmid, 1812)
 4 *Pogonus (Raptor) orientalis* Dejean, 1828
 5 *Pogonus (Raptor) olivaceus* Carret, 1903 Bal E
 6 *Pogonus (Raptor) riparius* Dejean, 1828
 7 *Pogonus (Raptor) persicus* Chaudoir, 1842
 8 *Pogonus (Pogonulus) punctulatus* Dejean, 1828
 9 *Pogonus (Pogonoidius) meridionalis* Dejean, 1828

Pagonistes Chaudoir, 1871

- 1
- Pagonistes (Pagonistes) rufoaeneus*
- (Dejean, 1828)
-
- 2
- Pagonistes (Eupagonistes) convexicollis*
- Chaudoir, 1871

XIII. SUBFAMILIA PATROBINAЕ**TRIBUS PATROBINI***Patrobus* Dejean, 1821

- 1 *Patrobus atrorufus* (Ström, 1768)
(syn.: *excavatus* Paykull, 1790)

TRIBUS DELTOMERINI*Deltomerus* Motschulsky, 1850

- 1 *Deltomerus sterbae* (Rambousek, 1909)

Bal E

XIV. SUBFAMILIA PTEROSTICHINAE**TRIBUS PTEROSTICHINI***Stomis* Clairville, 1806

- 1 *Stomis pumicatus* (Panzer, 1796)

Xenion Tschitschérine, 1902

- 1 *Xenion ignitum* (Kraatz, 1875)
(syn.: *ignitum laticolle* Maran, 1930)

Bal E

Myas Dejean, 1828

- 1 *Myas chalybaeus* (Palliardi, 1825)

Poecilus Bonelli, 1809

- 1 *Poecilus (Poecilus) punctulatus* (Schaller, 1783)
2 *Poecilus (Poecilus) koyi* (Germar, 1824)
3 *Poecilus (Poecilus) lepidus* (Leske, 1785)
4 *Poecilus (Poecilus) cupreus* (Linnaeus, 1758)
5 *Poecilus (Poecilus) anatolicus* (Chaudoir, 1850)
6 *Poecilus (Poecilus) versicolor* (Sturm, 1824)
(syn.: *coeruleascens* auct., nec Linnaeus, 1758)
7 *Poecilus (Poecilus) cursorius* (Dejean, 1828)
8 *Poecilus (Poecilus) striatopunctatus* (Duftschmid, 1812)
9 *Poecilus (Poecilus) subcoeruleus* (Quensel, 1806)
10 *Poecilus (Angoleus) crenatus* (Dejean, 1828)
(syn.: *gisellae* Csiki, 1930)
11 *Poecilus (Angoleus) puncticollis* (Dejean, 1828)

Pterostichus Bonelli, 1809

- 1 *Pterostichus (Pedius) inquinatus* Sturm, 1824
2 *Pterostichus (Pedius) longicollis* (Duftschmid, 1812)
(syn.: *inaequalis* Marsham, 1802, nec Panzer, 1796)

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| 3 <i>Pterostichus (Phonias) strenuus</i> (Panzer, 1797) | |
| 4 <i>Pterostichus (Phonias) diligens</i> Sturm, 1824 | |
| 5 <i>Pterostichus (Phonias) ovoideus</i> Sturm, 1824 (syn.: <i>interstinctus</i> Sturm, 1824) | |
| 6 <i>Pterostichus (Argutor) vernalis</i> (Panzer, 1796) | |
| 7 <i>Pterostichus (Argutor) cursor</i> (Dejean, 1828) | |
| 8 <i>Pterostichus (Argutor) leonisi</i> Apfelbeck, 1904 | |
| 9 <i>Pterostichus (Bothriopterus) oblongopunctatus</i> (Fabricius, 1787) | |
| 10 <i>Pterostichus (Bothriopterus) quadrifoveolatus</i> Letzner, 1852 (syn.: <i>angustatus</i> Duftschmid, 1812, nec Fabricius, 1787) | Bal E |
| 11 <i>Pterostichus (Haptoderus) macedonicus</i> Apfelbeck, 1918 | Bg E |
| 12 <i>Pterostichus (Haptoderus) brevis</i> (Duftschmid, 1812) | |
| 13 <i>Pterostichus (Haptoderus) vecors</i> Tschitschérine, 1896 | |
| 14 <i>Pterostichus (Haptoderus) properans</i> Chaudoir, 1868 | Bal E |
| 15 <i>Pterostichus (Adelosia) macer thessalicus</i> Schatzmayr, 1943 | |
| 16 <i>Pterostichus (Melanius) nigrita</i> (Fabricius, 1792) | |
| 17 <i>Pterostichus (Melanius) anthracinus</i> (Illiger, 1798) | |
| 18 <i>Pterostichus (Melanius) gracilis</i> (Dejean, 1828) | |
| 19 <i>Pterostichus (Melanius) minor</i> (Gyllenhal, 1827) | |
| 20 <i>Pterostichus (Platysma) niger</i> (Schaller, 1783) | |
| 21 <i>Pterostichus (Morphnosoma) melanarius bulgaricus</i> Lutshnik, 1915 (syn.: <i>vulgaris nivalis</i> Apfelbeck, 1904) | |
| 22 <i>Pterostichus (Omaseus) aterrimus</i> (Herbst, 1784) | |
| 23 <i>Pterostichus (Omaseus) elongatus</i> (Duftschmid, 1812) | |
| 24 <i>Pterostichus (Feronidius) melas depressus</i> (Dejean, 1828) | |
| 25 <i>Pterostichus (Feronidius) incommodus</i> Schaum, 1858 | |
| 26 <i>Pterostichus (Cophosus) cylindricus</i> (Herbst, 1784) | |
| 27 <i>Pterostichus (Cheporus) burmeisteri</i> Heer, 1841 (syn.: <i>metallicus</i> Fabricius, 1792, nec Scopoli, 1763) | Bg E |
| 28 <i>Pterostichus (Aphaon) rhilensis rhilensis</i> Rottenberg, 1874 | Bg E |
| 29 <i>Pterostichus (Aphaon) rhilensis kourili</i> Maran, 1933 | Bg E |
| 30 <i>Pterostichus (Aphaon) rhilensis vitensis</i> Maran, 1933 | Bg E |
| 31 <i>Pterostichus (Pterostichus) merkli</i> (Frivaldszky, 1879) | Bg E |
| 32 <i>Pterostichus (Pterostichus) brucki</i> Schaum, 1859 | |
| <i>Rambousekiella</i> Knirsch, 1925 | |
| 1 <i>Rambousekiella ledenikensis</i> Knirsch, 1925 | Bg E |
| <i>Tapinopterus</i> Schaum, 1856 | |
| 1 <i>Tapinopterus (Tapinopterus) balcanicus balcanicus</i> Ganglbauer, 1892 | Bg E |
| 2 <i>Tapinopterus (Tapinopterus) balcanicus belasicensis</i> Maran, 1933 | Bg E |
| 3 <i>Tapinopterus (Tapinopterus) balcanicus burenschi</i> Maran, 1933 | Bg E |
| 4 <i>Tapinopterus (Tapinopterus) bartoni</i> Maran, 1933 | Bg E |
| 5 <i>Tapinopterus (Tapinopterus) kaufmanni kalofirensis</i> Maran, 1933 | Bg E |
| 6 <i>Tapinopterus (Tapinopterus) kaufmanni kulti</i> Maran, 1940 | Bg E |
| 7 <i>Tapinopterus (Tapinopterus) kaufmanni winkleri</i> Mandl, 1936 | Bal E |

Abax Bonelli, 1809

- 1 *Abax (Abax) parallelepipedus* (Piller & Mitterpacher, 1783)
(syn.: *ater* Villers, 1789)
- 2 *Abax (Abax) parallelus* (Duftschmid, 1812)
- 3 *Abax (Abax) ovalis* (Duftschmid, 1812)
- 4 *Abax (Abax) carinatus* (Duftschmid, 1812)

Molops Bonelli, 1809

- 1 *Molops robustus robustus* (Dejean, 1828)
- 2 *Molops robustus parallelus* Mlynar, 1977 Bal E
- 3 *Molops dilatatus dilatatus* Chaudoir, 1868 Bal E
- 4 *Molops dilatatus angulicollis* G. Müller, 1936 Bg E
- 5 *Molops rhodopensis rhodopensis* Apfelbeck, 1904 Bg E
- 6 *Molops rhodopensis kourili* Maran, 1942 Bg E
- 7 *Molops doderoi hlinskowskyi* Mlynar, 1977 Bg E
- 8 *Molops alpestris centralis* Mlynar, 1977 Bg E
- 9 *Molops alpestris rhilensis* Apfelbeck, 1904 Bg E
- 10 *Molops alpestris kalofericus* Mlynar, 1977 Bg E
- 11 *Molops rufipes belasicensis* Mlynar, 1977 Bal E
- 12 *Molops rufipes golobardensis* Mlynar, 1977 Bg E
- 13 *Molops rufipes klisuranus* Apfelbeck, 1902 Bal E
- 14 *Molops piceus bulgaricus* Maran, 1938 Bal E
- 15 *Molops piceus byzantinus* Apfelbeck, 1902 Bal E

TRIBUS AGONINI

Atranus Leconte, 1848

- 1 *Atranus collaris* (Ménétriés, 1832)

Olisthopus Dejean, 1828

- 1 *Olisthopus sturmi* (Duftschmid, 1812)
- 2 *Olisthopus rotundatus* (Paykull, 1798)
- 3 *Olisthopus fuscatus* Dejean, 1828
- 4 *Olisthopus glabricollis* (Germar, 1817)

Agonum Bonelli, 1809

- 1 *Agonum (Anchomenus) dorsalis* (Pontoppidan, 1763)
- 2 *Agonum (Paranchus) albipes* (Fabricius, 1796)
- 3 *Agonum (Oxypselaphus) obscurum* (Herbst, 1784)
- 4 *Agonum (Platynus) scrobiculatum* (Fabricius, 1801)
- 5 *Agonum (Platynus) proximum* (Frivaldszky, 1879) Bg E
- 6 *Agonum (Platynus) serbicum* (Csiki, 1904) Bal E
- 7 *Agonum (Limodromus) assimile* (Paykull, 1790)
(syn.: *ruficornis* Goeze, 1777, nec Degeer, 1774)
- 8 *Agonum (Limodromus) krynickii* Sperk, 1835
- 9 *Agonum (Batenus) livens* (Gyllenhal, 1810)*

- 10 *Agonum (Agonum) sexpunctatum* (Linnaeus, 1758)
- 11 *Agonum (Agonum) viridicupreum* (Goeze, 1777)
- 12 *Agonum (Agonum) sordidum* Dejean, 1828
- 13 *Agonum (Agonum) gracilipes* (Duftschmid, 1812)
- 14 *Agonum (Agonum) marginatum* (Linnaeus, 1758)
- 15 *Agonum (Agonum) rugicolle* Chaudoir, 1846
(syn.: *birhleri* Hopffgarten, 1888)
- 16 *Agonum (Agonum) muelleri* (Herbst, 1784)
- 17 *Agonum (Agonum) atratum* (Duftschmid, 1812)
- 18 *Agonum (Agonum) versutum* Sturm, 1824
- 19 *Agonum (Agonum) lugens* (Duftschmid, 1812)
- 20 *Agonum (Agonum) longicornue* Chaudoir, 1846
(syn.: *holdhausi* Apfelbeck, 1904)
- 21 *Agonum (Agonum) viduum* (Panzer, 1797)
- 22 *Agonum (Agonum) duftschmidi* Schmidt, 1994
(syn.: *moestum* Duftschmid, 1812, nec Gmelin, 1790)
- 23 *Agonum (Agonum) permoestum* Puel, 1938
- 24 *Agonum (Agonum) angustatum* Dejean, 1828
- 25 *Agonum (Agonum) hypocrita* (Apfelbeck, 1904)
- 26 *Agonum (Agonum) afrum* (Duftschmid, 1812)
- 27 *Agonum (Europhilus) antennarium* (Duftschmid, 1812)
- 28 *Agonum (Europhilus) micans* Nicolai, 1822
- 29 *Agonum (Europhilus) fuliginosum* (Panzer, 1809)
- 30 *Agonum (Europhilus) piceum* (Linnaeus, 1758)
- 31 *Agonum (Europhilus) gracile* (Gyllenhal, 1827)
- 32 *Agonum (Europhilus) thoreyi* Dejean, 1828

TRIBUS SPHODRINI

Synuchus Gyllenhal, 1810

- 1 *Synuchus vivalis* (Illiger, 1798)
(syn.: *nivalis* Panzer, 1797, nec Paykull, 1790)

Platyderus Stephens, 1828

- 1 *Platyderus rufus* (Duftschmid, 1812)

Dolichus Bonelli, 1809

- 1 *Dolichus halensis* (Schaller, 1783)

Calathus Bonelli, 1809

- 1 *Calathus (Calathus) ellipticus* Reitter, 1889*
- 2 *Calathus (Calathus) glabricollis* Dejean, 1828
- 3 *Calathus (Calathus) fuscipes* (Goeze, 1777)
- 4 *Calathus (Calathus) longicollis* Motschulsky, 1864
- 5 *Calathus (Calathus) distinguendus* Chaudoir, 1846
- 6 *Calathus (Neocalathus) melanocephalus* (Linnaeus, 1758)

Bal E
Bal E

- 7 *Calathus (Neocalathus) mollis* (Marsham, 1802)
- 8 *Calathus (Neocalathus) micropterus* (Duftschmid, 1812)
- 9 *Calathus (Neocalathus) metallicus aeneus* Putzeys, 1873
- 10 *Calathus (Neocalathus) erratus* C. R. Sahlberg, 1827
- 11 *Calathus (Neocalathus) ambiguus* (Paykull, 1790)
(syn.: *fuscus* Fabricius, 1792)
- Bal E
- Taphoxenus* Motschulsky, 1864
- 1 *Taphoxenus (Taphoxenus) gigas* (Fischer-Waldheim, 1823)
- Sphodrus* Clairville, 1806
- 1 *Sphodrus leucophthalmus* (Linnaeus, 1758)
- Laemostenus* Bonelli, 1809
- 1 *Laemostenus (Laemostenus) complanatus* (Dejean, 1828)
- 2 *Laemostenus (Laemostenus) venustus* (Dejean, 1828)
- 3 *Laemostenus (Actenipus) plasoni* (Reitter, 1885)
- 4 *Laemostenus (Pristonychus) terricola punctatus* (Dejean, 1828)
- 5 *Laemostenus (Pristonychus) cimmerius weiratheri* G. Müller, 1931
- Bg E
- Bal E

TRIBUS ZABRINI (= AMARINI)

Amara Bonelli, 1809

- 1 *Amara (Zezea) plebeja* (Gyllenhal, 1810)
- 2 *Amara (Zezea) tricuspidata tricuspidata* Dejean, 1831
- 3 *Amara (Zezea) tricuspidata pseudostrenua* Kult, 1946
- 4 *Amara (Zezea) kulti* Fassati, 1947
- 5 *Amara (Zezea) fulvipes* Serville, 1821
- 6 *Amara (Zezea) chaudoiri incognita* Fassati, 1946
- 7 *Amara (Zezea) concinna* Zimmermann, 1832
- 8 *Amara (Zezea) reflexicollis jedlickana* Fassati, 1951
- 9 *Amara (Amara) similata* (Gyllenhal, 1810)
- 10 *Amara (Amara) ovata* (Fabricius, 1792)
- 11 *Amara (Amara) saphyrea* Dejean, 1828
- 12 *Amara (Amara) montivaga* Sturm, 1825
- 13 *Amara (Amara) nitida* Sturm, 1825
- 14 *Amara (Amara) convexior* Stephens, 1828
- 15 *Amara (Amara) communis* (Panzer, 1797)
- 16 *Amara (Amara) littorea* Thomson, 1857
- 17 *Amara (Amara) proxima* Putzeys, 1866
- 18 *Amara (Amara) curta* Dejean, 1828
- 19 *Amara (Amara) lunicollis* Schiödte, 1837
- 20 *Amara (Amara) nigricornis* Thomson, 1857
- 21 *Amara (Amara) morio nivium* Tschitschérine, 1900
- 22 *Amara (Amara) aenea* (Degeer, 1774)
- 23 *Amara (Amara) eurynota* (Panzer, 1797)

- 24 *Amara (Amara) familiaris* (Duftschmid, 1812)
- 25 *Amara (Amara) anthobia* Villa, 1833
- 26 *Amara (Amara) lucida* (Duftschmid, 1812)
- 27 *Amara (Amara) tibialis* (Paykull, 1798)
- 28 *Amara (Celia) erratica* (Duftschmid, 1812)
- 29 *Amara (Celia) ingenua* (Duftschmid, 1812)
- 30 *Amara (Celia) fusca* Dejean, 1828
- 31 *Amara (Celia) cursitans* Zimmermann, 1832
- 32 *Amara (Celia) messae* Baliani, 1924
- 33 *Amara (Celia) municipalis bischoffi* Jedlicka, 1946
- 34 *Amara (Celia) bifrons* (Gyllenhal, 1810)
- 35 *Amara (Celia) arenaria* Putzeys, 1865
- 36 *Amara (Celia) sollicita* Pantel, 1888
- 37 *Amara (Celia) sabulosa* Serville, 1821
- 38 *Amara (Celia) pallens* Sturm, 1825
 (syn.: *praetermissa* C. R. Sahlberg, 1827)
- 39 *Amara (Paracelia) quenseli* (Schönherr, 1806)
- 40 *Amara (Paracelia) serdicana* Apfelbeck, 1904
- 41 *Amara (Bradytus) apricaria* (Paykull, 1790)
- 42 *Amara (Bradytus) majuscula* Chaudoir, 1850
- 43 *Amara (Bradytus) crenata* Dejean, 1828
- 44 *Amara (Bradytus) consularis* (Duftschmid, 1812)
- 45 *Amara (Bradytus) fulva* (O.F. Müller, 1776)
- 46 *Amara (Amathitis) parvicollis* Gebler, 1833
- 47 *Amara (Percosia) equestris* (Duftschmid, 1812)
- Curtonotus* Stephens, 1828
- 1 *Curtonotus aulicus* (Panzer, 1797)
- 2 *Curtonotus convexiusculus* (Marsham, 1802)
- 3 *Curtonotus propinquus* Ménétriés, 1832
- Zabrus* Clairville, 1806
- 1 *Zabrus (Zabrus) tenebrioides* (Goeze, 1777)
 (syn.: *gibbus* Fabricius, 1794)
- 2 *Zabrus (Zabrus) ignavus* Csiki, 1907
 (syn.: *piger* Dejean, 1828, nec Fourcroy, 1785)
- 3 *Zabrus (Pelor) corpulentus* Schaum, 1864*
 (syn.: *reitteri* Apfelbeck, 1904)
- 4 *Zabrus (Pelor) incrassatus tuleschkovi* Maran, 1933
- 5 *Zabrus (Pelor) graecus subtilis* Schaum, 1862
- 6 *Zabrus (Pelor) balcanicus* Heyden, 1883
- 7 *Zabrus (Pelor) rhodopensis* Apfelbeck, 1904
- 8 *Zabrus (Pelor) femoratus* Dejean, 1828
- 9 *Zabrus (Pelor) spinipes* (Fabricius, 1798)
 (syn.: *blapoides* Creutzer, 1799)
- Bal E
- Bal E
- Bg E
- Bal E
- Bg E
- Bal E

XV. SUBFAMILIA HARPALINAE

TRIBUS HARPALINI

Scybalicus Schaum, 1862

1 *Scybalicus oblongiusculus* (Dejean, 1829)

Anisodactylus Dejean, 1829

1 *Anisodactylus (Anisodactylus) signatus* (Panzer, 1797)

2 *Anisodactylus (Anisodactylus) nemorivagus* (Duftschmid, 1812)

3 *Anisodactylus (Anisodactylus) binotatus* (Fabricius, 1787)

4 *Anisodactylus (Anisodactylus) pueli* Schäuberger, 1933

5 *Anisodactylus (Hexatrichus) poeciloides* (Stephens, 1828)

6 *Anisodactylus (Pseudodichirius) intermedius* Dejean, 1829

Gynandromorphus Dejean, 1829

1 *Gynandromorphus etruscus* (Quensel, 1806)

Diachromus Erichson, 1837

1 *Diachromus germanus* (Linnaeus, 1758)

Stenolophus Dejean, 1821

1 *Stenolophus proximus* Dejean, 1829

2 *Stenolophus mixtus* (Herbst, 1784)

3 *Stenolophus steveni* Krynicki, 1832

4 *Stenolophus discophorus* Fischer-Waldheim, 1823

5 *Stenolophus skrimshiranus* (Stephens, 1828)

6 *Stenolophus teutonus* (Schrank, 1781)

7 *Stenolophus abdominalis* Gené, 1836

Egadroma Motschulsky, 1855

1 *Egadroma marginata* (Dejean, 1829)

Loxoncus Schmidt-Goebel, 1846

1 *Loxoncus procerus* (Schaum, 1858)

Acupalpus Latreille, 1829

1 *Acupalpus (Acupalpus) meridianus* (Linnaeus, 1767)

2 *Acupalpus (Acupalpus) suturalis* Dejean, 1829

3 *Acupalpus (Acupalpus) elegans* (Dejean, 1829)

4 *Acupalpus (Acupalpus) parvulus* (Sturm, 1825)

(syn.: *dorsalis* Fabricius, 1787, nec Pontoppidan, 1763)

5 *Acupalpus (Acupalpus) maculatus* Schaum, 1860

6 *Acupalpus (Acupalpus) notatus* Mulsant & Rey, 1861

7 *Acupalpus (Acupalpus) paludicola* Reitter, 1884

8 *Acupalpus (Acupalpus) luteatus* (Duftschmid, 1812)

9 *Acupalpus (Acupalpus) exiguus* Dejean, 1829

- 10 *Acupalpus (Acupalpus) flavigollis* (Sturm, 1825)
 11 *Acupalpus (Acupalpus) brunnipes* (Sturm, 1825)
 12 *Acupalpus (Acylostria) interstitialis* Reitter, 1884
 13 *Acupalpus (Acylostria) planicollis* Schaum, 1857

Bal E

Anthracus Motschulsky, 1850

- 1 *Anthracus longicornis* (Schaum, 1857)
 2 *Anthracus quarnerensis* Reitter, 1884
 3 *Anthracus consputus* (Duftschmid, 1812)
 4 *Anthracus pallipes* (Dejean, 1829)*

Bal E

Bradycellus Erichson, 1837

- 1 *Bradycellus (Bradycellus) harpalinus* (Serville, 1821)
 2 *Bradycellus (Bradycellus) caucasicus* Chaudoir, 1846
 (syn.: *collaris* Paykull, 1798, nec Herbst, 1784)
 3 *Bradycellus (Bradycellus) csikii* Laszo, 1912
 4 *Bradycellus (Bradycellus) verbasci* (Duftschmid, 1812)

Trichocellus Ganglbauer, 1892

- 1 *Trichocellus (Trichocellus)* sp. (? *discicollis* Dejean, 1829)

Dicheirotrichus Jacquelain du Val, 1857

- 1 *Dicheirotrichus lacustris* (Redtenbacher, 1858)

Ophonus Dejean, 1821

- 1 *Ophonus (Macroponus) oblongus* (Schaum, 1858)
 2 *Ophonus (Cephalophonus) cephalotes* (Fairmaire & Laboulbène, 1854)
 3 *Ophonus (Ophonus) stictus* Stephens, 1828
 (syn.: *obscurus* Fabricius, 1792, nec Herbst, 1784)
 4 *Ophonus (Ophonus) sabulicola ponticus* Schäuberger, 1926
 5 *Ophonus (Ophonus) franzinii* Sciaky, 1987
 6 *Ophonus (Ophonus) ardosianus* (Lutshnik, 1922)
 7 *Ophonus (Ophonus) diffinis* (Dejean, 1829)
 8 *Ophonus (Ophonus) similis* (Dejean, 1829)
 9 *Ophonus (Ophonus) jailensis* (Schäuberger, 1926)
 10 *Ophonus (Ophonus) azureus* (Fabricius, 1775)
 11 *Ophonus (Ophonus) subquadratus* (Dejean, 1829)
 12 *Ophonus (Ophonus) cribricollis* (Dejean, 1829)
 13 *Ophonus (Ophonus) signaticornis* (Duftschmid, 1812)
 14 *Ophonus (Metophonus) nitidulus* Stephens, 1828
 (syn.: *punctatulus* Duftschmid, 1812, nec Fabricius, 1792)
 15 *Ophonus (Metophonus) gammeli* (Schäuberger, 1932)
 16 *Ophonus (Metophonus) cordatus* (Duftschmid, 1812)
 17 *Ophonus (Metophonus) rupicola* (Sturm, 1818)
 18 *Ophonus (Metophonus) puncticollis* (Paykull, 1798)
 19 *Ophonus (Metophonus) cordicollis* (Dejean, 1829)

(syn.: *veluchianus* G. Müller, 1931)

- 20 *Ophonus (Metophonus) puncticeps* Stephens, 1828
- 21 *Ophonus (Metophonus) schaubergerianus* Puel, 1937
- 22 *Ophonus (Metophonus) rufibarbis* (Fabricius, 1792)
- 23 *Ophonus (Metophonus) melleti* (Heer, 1837)
- 24 *Ophonus (Metophonus) brevicollis* (Serville, 1821)
- 25 *Ophonus (Metophonus) subsinuatus* Rey, 1886
- 26 *Ophonus (Metophonus) parallelus* (Dejean, 1829)
- 27 *Ophonus (Metophonus) gabrieleae* Wräse, 1987
- 28 *Ophonus (Incisophonus) incisus* (Dejean, 1829)

Pseudophonus Motschulsky, 1844

- 1 *Pseudophonus (Pseudophonus) rufipes* (Degeer, 1774)
(syn.: *pubescens* O. F. Müller, 1776, & *ruficornis* Fabricius, 1801)
- 2 *Pseudophonus (Pseudophonus) griseus* (Panzer, 1797)
- 3 *Pseudophonus (Platus) calceatus* (Duftschmid, 1812)

Harpalus Latreille, 1802

- 1 *Harpalus (Harpalophonus) hospes* Sturm, 1818
- 2 *Harpalus (Artabas) punctatostriatus* Dejean, 1829
- 3 *Harpalus (Artabas) rumelicum* Apfelbeck, 1904
- 4 *Harpalus (Harpalus) affinis* (Schrank, 1781)
(syn.: *aeneus* Fabricius, 1792)
- 5 *Harpalus (Harpalus) metallinus* Ménétriés, 1836
- 6 *Harpalus (Harpalus) oblitus* Dejean, 1829
- 7 *Harpalus (Harpalus) akinini* Tschitschérine, 1895
- 8 *Harpalus (Harpalus) saxicola* Dejean, 1829
- 9 *Harpalus (Harpalus) angulatus scytha* Tschitschérine, 1899
- 10 *Harpalus (Harpalus) distinguendus* (Duftschmid, 1812)
- 11 *Harpalus (Harpalus) cupreus fastuosus* Faldermann, 1835
- 12 *Harpalus (Harpalus) euchlorus* Ménétriés, 1836
- 13 *Harpalus (Harpalus) smaragdinus* (Duftschmid, 1812)
- 14 *Harpalus (Harpalus) caspius* Steven, 1806
(syn.: *roubali* Schaubberger, 1928)
- 15 *Harpalus (Harpalus) dimidiatus* (Rossi, 1790)
- 16 *Harpalus (Harpalus) rubripes* (Duftschmid, 1812)
- 17 *Harpalus (Harpalus) marginellus* Dejean, 1829
- 18 *Harpalus (Harpalus) quadripunctatus* Dejean, 1829
- 19 *Harpalus (Harpalus) serdicanus* Apfelbeck, 1904
- 20 *Harpalus (Harpalus) progrediens* Schaubberger, 1922
- 21 *Harpalus (Harpalus) latus* (Linnaeus, 1758)
- 22 *Harpalus (Harpalus) luteicornis* (Duftschmid, 1812)
- 23 *Harpalus (Harpalus) xanthopus winkleri* Schaubberger, 1923
- 24 *Harpalus (Harpalus) albanicus* Reitter, 1900
- 25 *Harpalus (Harpalus) tardus* (Panzer, 1797)
- 26 *Harpalus (Harpalus) serripes* (Quensel, 1806)

Bal E

Bal E

Bg E

- 27 *Harpalus (Harpalus) fuscicornis* Ménétriés, 1832
 28 *Harpalus (Harpalus) autumnalis* (Duftschmid, 1812)
 29 *Harpalus (Harpalus) politus* Dejean, 1829
 30 *Harpalus (Harpalus) modestus* Dejean, 1829
 31 *Harpalus (Harpalus) flavicornis* Dejean, 1829
 32 *Harpalus (Harpalus) triseriatus* Fleischer, 1897
 33 *Harpalus (Harpalus) atratus* Latreille, 1804
 34 *Harpalus (Harpalus) litigiosus* Dejean, 1829
 35 *Harpalus (Harpalus) melancholicus* Dejean, 1829
 36 *Harpalus (Harpalus) tenebrosus* Dejean, 1829
 37 *Harpalus (Harpalus) honestus* (Duftschmid, 1812)
 38 *Harpalus (Harpalus) rufipalpis* Sturm, 1818
 (syn.: *rufitarsis* Duftschmid, 1812, nec Illiger, 1802)
 39 *Harpalus (Harpalus) neglectus* Serville, 1821*
 40 *Harpalus (Harpalus) sulphuripes* Germar, 1824
 41 *Harpalus (Harpalus) attenuatus* Stephens, 1828
 42 *Harpalus (Harpalus) pygmaeus* Dejean, 1829
 43 *Harpalus (Harpalus) anxius* (Duftschmid, 1812)
 44 *Harpalus (Harpalus) subcylindricus* Dejean, 1829
 45 *Harpalus (Harpalus) taciturnus* Dejean, 1829
 46 *Harpalus (Harpalus) calathoides* Motschulsky, 1844
 47 *Harpalus (Harpalus) amplicollis* Ménétriés, 1848
 48 *Harpalus (Harpalus) servus* (Duftschmid, 1812)
 49 *Harpalus (Actephilus) pumilus* Sturm, 1818
 (syn.: *vernalis* Fabricius, 1801, nec Panzer, 1796)
 50 *Harpalus (Actephilus) picipennis* (Duftschmid, 1812)
 51 *Harpalus (Acardystus) flavescens* (Piller & Mitterpacher, 1783)
 52 *Harpalus (Haploharpalus) hirtipes* (Panzer, 1797)
 53 *Harpalus (Haploharpalus) zabroides* Dejean, 1829
 54 *Harpalus (Haploharpalus) froelichi* Sturm, 1818

Pangus Dejean, 1821
 1 *Pangus scaritides* (Sturm, 1818)

Parophonus Ganglbauer, 1892
 1 *Parophonus hirsutulus* (Dejean, 1829)
 2 *Parophonus maculicornis* (Duftschmid, 1812)
 3 *Parophonus dejani* (Csiki, 1932)
 (syn.: *complanatus* Dejean, 1829, nec Sturm, 1818)
 4 *Parophonus dia* (Reitter, 1900)
 5 *Parophonus laeviceps* (Ménétriés, 1832)
 6 *Parophonus mendax* (Rossi, 1790)
 7 *Parophonus planicollis* (Dejean, 1829)
 (syn.: *suturalis* Chaudoir, 1846, & *suturifer* Reitter, 1884)

Acinopus Dejean, 1821

- 1 *Acinopus (Osimus) ammophilus* Dejean, 1829
- 2 *Acinopus (Acinopus) subquadratus* Brullé, 1832*
- 3 *Acinopus (Acinopus) laevigatus* Ménétriés, 1832
- 4 *Acinopus (Acinopus) picipes* (Olivier, 1795)
- 5 *Acinopus (Oedematicus) megacephalus* (Rossi, 1794)
(syn.: *emarginatus* Chaudoir, 1842)

Daptus Fischer-Waldheim, 1824

- 1 *Daptus vittatus* Fischer-Waldheim, 1824

Oedesis Motschulsky, 1850

- 1 *Oedesis caucasicus* (Dejean, 1831)

Pachycarus Solier, 1835

- 1 *Pachycarus (Mystropterus) atrocoeruleus* (Waltl, 1838)*

Bal E

Eucarterus Reitter, 1900

- 1 *Eucartuser sparsutus* (Reitter, 1898)

Graniger Motschulsky, 1864

- 1 *Graniger cordicollis* (Serville, 1821)

Carterus Dejean & Boisduval, 1829

- 1 *Carterus rotundicollis* Rambur, 1837
- 2 *Carterus rufipes* Chaudoir, 1843
- 3 *Carterus longipennis* Chaudoir, 1846
- 4 *Carterus angustipennis* Brulerie, 1877
- 5 *Carterus dama* (Rossi, 1792)
- 6 *Carterus gilvipes* Brulerie, 1877

Ditomus Bonelli, 1809

- 1 *Ditomus tricuspidatus* (Fabricius, 1792)*
- 2 *Ditomus calydonius* (Rossi, 1790)

Dixus Billberg, 1820

- 1 *Dixus obscurus* (Dejean, 1825)
- 2 *Dixus clypeatus* (Rossi, 1790)
- 3 *Dixus eremita* (Dejean, 1825)

Amblystomus Erichson, 1837

- 1 *Amblystomus levantinus* Reitter, 1883*
- 2 *Amblystomus metallescens* (Dejean, 1829)
- 3 *Amblystomus niger* Heer, 1841

XVI. SUBFAMILIA PERIGONINAE

TRIBUS PERIGONINI

Perigona Castelnau, 1835

- 1 *Perigona nigriceps* (Dejean, 1831)

XVII. SUBFAMILIA CALLISTINAE

TRIBUS CALLISTINI (= CHLAENIINI)

Callistus Bonelli, 1809

- 1 *Callistus lunatus* (Fabricius, 1775)

Epomis Bonelli, 1809

- 1 *Epomis circumscriptus* (Duftschmid, 1812)*

- 2 *Epomis dejani* Dejean & Boisduval, 1830

Dinodes Bonelli, 1809

- 1 *Dinodes decipiens* (Dufour, 1820)

(syn.: *azureus* Duftschmid, 1812, nec Fabricius, 1775)

- 2 *Dinodes cruralis* Fischer-Waldheim, 1829*

Chlaenius Bonelli, 1809

- 1 *Chlaenius (Trichochlaenius) aeneocephalus* Dejean, 1826

- 2 *Chlaenius (Chlaenites) spoliatus* (Rossi, 1790)

- 3 *Chlaenius (Chlaenius) festivus* (Panzer, 1796)

- 4 *Chlaenius (Chlaeniellus) douei* Peyron, 1858

- 5 *Chlaenius (Chlaeniellus) tristis* (Schaller, 1783)

- 6 *Chlaenius (Chlaeniellus) nigricornis* (Fabricius, 1787)

(syn.: *melanocornis* Dejean, 1826)

- 7 *Chlaenius (Chlaeniellus) nitidulus* (Schrink, 1781)

(syn.: *shranki* Duftschmid, 1812)

- 8 *Chlaenius (Chlaeniellus) flavipes* Ménétriés, 1832

- 9 *Chlaenius (Chlaeniellus) vestitus* (Paykull, 1790)

- 10 *Chlaenius (Chlaeniellus) terminatus* Dejean, 1826*

- 11 *Chlaenius (Agostenus) alutaceus* Gebler, 1829

- 12 *Chlaenius (Agostenus) sulcicollis* (Paykull, 1798)

TRIBUS OODINI

Oodes Bonelli, 1809

- 1 *Oodes (Oodes) helopoides* (Fabricius, 1792)

- 2 *Oodes (Oodes) gracilis* Villa, 1833

TRIBUS LICININI

Badister Clairville, 1806

- 1 *Badister (Badister) bullatus* (Schrank, 1798)
(syn.: *bipustulatus* Fabricius, 1792, nec Fabricius, 1775)
- 2 *Badister (Badister) unipustulatus* Bonelli, 1813
- 3 *Badister (Badister) lacertosus* Sturm, 1815
- 4 *Badister (Badister) meridionalis* Puel, 1925
- 5 *Badister (Trimorphus) sodalis* (Dutfschmid, 1812)
- 6 *Badister (Baudia) dilatatus* Chaudoir, 1837
- 7 *Badister (Baudia) collaris* Motschulsky, 1844
(syn.: *anomalus* Perris, 1866)

Licinus Latreille, 1802

- 1 *Licinus (Licinus) silphoides* (Rossi, 1790)
- 2 *Licinus (Licinus) cassideus* (Fabricius, 1792)
- 3 *Licinus (Licinus) depresso* (Paykull, 1790)

XVIII. SUBFAMILIA PANAGAEINAE

TRIBUS PANAGAEINI

Panagaeus Latreille, 1804

- 1 *Panagaeus cruxmajor* (Linnaeus, 1758)
- 2 *Panagaeus bipustulatus* (Fabricius, 1775)

XIX. SUBFAMILIA MASOREINAE

TRIBUS MASOREINI

Masoreus Dejean, 1828

- 1 *Masoreus wetterhali* (Gyllenhal, 1813)

XX. SUBFAMILIA ODACANTHINAE

TRIBUS ODACANTHINI

Odacantha Paykull, 1798

- 1 *Odacantha melanura* (Linnaeus, 1766)

XXI. SUBFAMILIA LEBIINAE

TRIBUS LEBIINI

Lebia Latreille, 1802

- 1 *Lebia (Lamprias) cyanocephala* (Linnaeus, 1758)
- 2 *Lebia (Lamprias) festiva* Faldermann, 1835
- 3 *Lebia (Lamprias) chlorocephala* (Hoffmann, 1803)
- 4 *Lebia (Lebia) humeralis* Dejean, 1825
- 5 *Lebia (Lebia) cruxminor* (Linnaeus, 1758)
- 6 *Lebia (Lebia) trimaculata* (Villers, 1789)
- 7 *Lebia (Lebia) marginata* (Fourcroy, 1785)
- 8 *Lebia (Lebia) scapularis* (Fourcroy, 1785)
- 9 *Lebia (Lebia) lepida* Audouin & Brullé, 1834

Singilis Rambur, 1837

- 1 *Singilis (Phloeozeteus) fuscipennis* Schaum, 1860

Bal E

Demetrias Bonelli, 1809

- 1 *Demetrias (Aetophorus) imperialis* (Germar, 1824)
- 2 *Demetrias (Demetrias) monostigma* Samouelle, 1819
- 3 *Demetrias (Demetrias) atricapillus* (Linnaeus, 1758)

Dromius Bonelli, 1809

- 1 *Dromius (Dromius) agilis* (Fabricius, 1787)
- 2 *Dromius (Dromius) schneideri* Crotch, 1870
- 3 *Dromius (Dromius) fenestratus* (Fabricius, 1794)
- 4 *Dromius (Dromius) quadrimaculatus* (Linnaeus, 1758)

Paradromius Fowler, 1886

- 1 *Paradromius (Paradromius) suturalis* (Motschulsky, 1844)
- 2 *Paradromius (Manodromius) linearis* (Olivier, 1795)
- 3 *Paradromius (Manodromius) ruficollis* (Motschulsky, 1844)
(syn.: *strigiceps* Reitter, 1905)

Calodromius Reitter, 1905

- 1 *Calodromius spilotus* (Illiger, 1798)
(syn.: *quadrinotatus* Panzer, 1801, nec Fabricius, 1798).

Philorhizus Hope, 1838

- 1 *Philorhizus quadrifasciatus* (Dejean, 1825)
- 2 *Philorhizus sigma* (Rossi, 1790)
- 3 *Philorhizus melanocephalus* (Dejean, 1825)
- 4 *Philorhizus notatus* (Stephens, 1827)
(syn.: *fasciatus* Dejean, 1825, nec Paykull, 1790, & *nigriventris* Thomson, 1857)

Lionychus Wissmann, 18461 *Lionychus quadrillum* (Duftschmid, 1812)*Apristus* Chaudoir, 18461 *Apristus subaeneus* Chaudoir, 18462 *Apristus reticulatus* Schaum, 1857*Microlestes* Schmidt-Goebel, 18461 *Microlestes luctuosus* Holdhaus, 1904(syn.: *exilis* Reitter, 1900, nec Schmidt-Goebel, 1846)2 *Microlestes apterus* Holdhaus, 1912

Bal E

(syn.: *exilis* Schaum, 1857, nec Schmidt-Goebel, 1846)3 *Microlestes minutulus* (Goeze, 1777)(syn.: *glabratus* Duftschmid, 1812)4 *Microlestes seladon* Holdhaus, 19125 *Microlestes negrita* (Wollaston, 1854)6 *Microlestes fulvibasis* Reitter, 19017 *Microlestes schroederi* Holdhaus, 19128 *Microlestes plagiatus* (Duftschmid, 1812)9 *Microlestes corticalis escorialensis* Brisout, 188510 *Microlestes maurus* (Sturm, 1827)11 *Microlestes fissuralis* Reitter, 1901*Syntomus* Hope, 18381 *Syntomus foveatus* (Fourcroy, 1785)*2 *Syntomus obscuroguttatus* (Duftschmid, 1812)3 *Syntomus pallipes* (Dejean, 1825)4 *Syntomus truncatellus* (Linnaeus, 1761)5 *Syntomus impressus* (Dejean, 1825)*Cymindis* Latreille, 18061 *Cymindis (Cymindis) humeralis* (Fourcroy, 1785)2 *Cymindis (Cymindis) axillaris* (Fabricius, 1794)(syn.: *homagrina* Duftschmid, 1812)3 *Cymindis (Cymindis) lineola* Dufour, 18204 *Cymindis (Cymindis) lineata* (Quensel, 1806)5 *Cymindis (Cymindis) scapularis* Schaum, 18606 *Cymindis (Cymindis) ornata* Fischer-Waldheim, 18247 *Cymindis (Tarulus) vaporiariorum* (Linnaeus, 1758)8 *Cymindis (Menas) variolosa* (Fabricius, 1794)9 *Cymindis (Menas) violacea* Chaudoir, 1873

TRIBUS DRYPTINI

Drypta Latreille, 17961 *Drypta dentata* (Rossi, 1790)

TRIBUS ZUPHIINI

Zuphium Latreille, 18061 *Zuphium olens* (Rossi, 1790)2 *Zuphium araxidis* Khnзорian, 1972*Parazuphium* Jeannel, 19421 *Parazuphium chevrolati laticolle* Hurka, 1987

Bg E

Polystichus Bonelli, 18091 *Polystichus connexus* (Fourcroy, 1785)2 *Polystichus fasciolatus* (Rossi, 1790)

XXII. SUBFAMILIA BRACHININAE

TRIBUS BRACHININI

Brachinus Weber, 18011 *Brachinus crepitans* (Linnaeus, 1758)2 *Brachinus efflans* Dejean & Boisduval, 18293 *Brachinus ganglbaueri* Apfelbeck, 19045 *Brachinus alexandri* Battoni, 19846 *Brachinus berytensis* Reiche, 18557 *Brachinus plagiatus* Reiche, 18688 *Brachinus bayardi* Dejean, 18319 *Brachinus nigricornis* Gebler, 1829(syn.: *incertus* Brullè, 1834)10 *Brachinus ejaculans* Fischer-Waldheim, 182511 *Brachinus brevicollis* Motschulsky, 1845(syn.: *peregrinus* Apfelbeck, 1904)12 *Brachinus bodemeyeri* Apfelbeck, 190413 *Brachinus explodens* Duftschmid, 1812(syn.: *glabratus* Latreille & Dejean, 1824)14 *Brachinus bipustulatus* (Quensel, 1806)*Aptinus* Bonelli, 18091 *Aptinus (Aptinus) bombarda* (Illiger, 1800)2 *Aptinus (Aptinus) merditanus orientalis* Hurka, 1988

Bg E

3 *Aptinus (Aptinus) cordicollis* Chaudoir, 1843*Mastax* Fischer-Waldheim, 18281 *Mastax thermarum* (Steven, 1806)

CATALOGUE

FAMILIA CARABIDAE

SUBFAMILIA PAUSSINAE

TRIBUS PAUSSINI

Genus **Paussus** Linnaeus, 1775

Bigae Ins., p. 6. Type-species: *Paussus microcephalus* Latreille, 1810.

Paussus turcicus Frivaldszky, 1835

Magy. Tud. Tars. Evk., 2, p. 263. Loc. typ.: "Selimno" (= Sliven).

Paussus turcicus: Frivaldszky, 1835, p. 264; 1837, p. 89; 1845, p. 165. Apfelbeck, 1904, p. 396.

Rambousek, 1912, p. 110. Hieke & Wrase, 1988, p. 12. Guéorguiev, 1992, p. 61.

SPE (Sliven), S, SPT (Sandanski), RDW (Krichim), BSS (Maslen nos).

0-1000 m; V-VII.

Balkan Peninsula, Asia Minor, Caucasus, Near East, Central Asia (Turkestan).

SUBFAMILIA CICINDELINAE

TRIBUS CICINDELINI

Genus **Cicindela** Linnaeus, 1758

Syst. Nat., ed. 10, p. 407. Type-species: *Cicindela campestris* Linnaeus, 1758.

Subgenus **Cicindela** s. str.

Cicindela (Cicindela) soluta Latreille & Dejean, 1822

Hist. Nat. Col., 1, p. 47.

Cicindela soluta: Apfelbeck, 1904, p. 3. Rambousek, 1912, p. 62. Hieke & Wrase, 1988, p. 9.

BSN (Varna), BSS (Burgas).

0-50 m; IV-VI.

Central Europe, Balkan Peninsula, South Russia, Caucasus, West Siberia.

Cicindela (Cicindela) silvicola Latreille & Dejean, 1822

Hist. Nat. Col., 1, p. 51.

Cicindela silvicola: Ioakimov, 1899, p. 763; 1904, p. 5. Apfelbeck, 1904, p. 4. Nedelkov, 1909 a, p. 4. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 62. Kantarjieva, 1928, p. 99. Ganev, 1984, p. 124. Hieke & Wräse, 1988, p. 9.

SPW, WB, V, SG, BB, OP, R, P, RDW, BSS.

New loc.: B (VI.1988 - coll. auct.), BSN (Zvezditsa, IV.1987 - coll. R. Radev).

0-2400 m; IV-VIII.

Central and South Europe.

Cicindela (Cicindela) hybrida hybrida Linnaeus, 1758

Syst. Nat., ed. 10, p. 407.

Cicindela hybrida: Apfelbeck, 1904, p. 5. Markovitch, 1909, p. 3. Nedelkov, 1909 a, p. 5. Rambousek, 1912, p. 62. Kantarjieva, 1928, p. 102. Mandl, 1935, p. 290. Angelov, 1960, p. 21; 1964, p. 308; 1965, p. 130. Hieke & Wräse, 1988, p. 10.

Cicindela litterata: Ioakimov, 1904, p. 5.

Cicindela hybrida var. *rumelica*: Rambousek, 1912, p. 63.

D, WB, K, SG, T, SPT, ST.

New loc.: M (Razlog, 2 ex. - coll. IF).

100-1200 m; IV-VII.

Europe, Asia Minor, Siberia, Mongolia, Transbaikalia, Manchuria.

Cicindela (Cicindela) hybrida riparia Latreille & Dejean, 1822

Hist. Nat. Col., 1, p. 50.

Cicindela gallica: Ioakimov, 1899, p. 763.

Cicindela hybrida: Apfelbeck, 1904, p. 5. Netolitzky, 1912, p. 158. Csiki, 1943, p. 214. Angelov, 1964, p. 308; 1965, p. 130.

Cicindela litterata: Ioakimov, 1904, p. 5.

Cicindela hybrida var. *riparia*: Nedelkov, 1909 a, p. 5. Rambousek, 1912, p. 62, 63. Kantarjieva, 1928, p. 102.

Cicindela hybrida riparia: Hieke & Wräse, 1988, p. 10.

SPW, SPM, V, SG, R, SL, RDW, RDE.

300-1500 m; IV-VIII.

Central and South Europe, Asia Minor, Caucasus.

Cicindela (Cicindela) *hybrida rumelica* Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 5. Loc. typ.: "Burgas".

Cicindela hybrida rumelica: Apfelbeck, 1904, p. 5. Kantarjieva, 1928, p. 101. Mandl, 1935, p. 290, 302. Panin, 1941, p. 544. Drensky, 1942, p. 19. Karnoschitzky, 1950, p. 13. Dobler, 1973, p. 386. Hieke & Wrase, 1988, p. 10.

Cicindela hybrida var. *rumelica*: Rambousek, 1912, p. 63.

Cicindela hybrida var. *maritima*: Rambousek, 1912, p. 63.

Cicindela hybrida: Mandl, 1935, p. 290.

BSN, BSS.

0-50 m; IV-VIII.

Bulgaria (Black Sea coast).

Cicindela (Cicindela) *campestris campestris* Linnaeus, 1758

Syst. Nat., ed. 10, p. 407.

Cicindela rubens: Frivaldszky, 1835, p. 252.

Cicindela campestris: Apfelbeck, 1904, p. 6. Ioakimov, 1904, p. 5. Markovitch, 1904, p. 234; 1909, p. 3. Kovachev, 1905, p. 5. Nedelkov, 1909 a, p. 5; 1909 b, p. 95. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 63. Kantarjieva, 1928, p. 103. Csiki, 1943, p. 214. Angelov, 1960, p. 20; 1964, p. 308; 1965, p. 130. Nikolova, 1968, p. 134. Guéorguiev, 1988, p. 75. Hieke & Wrase, 1988, p. 9, 10.

Cicindela campestris pontica: Kantarjieva, 1928, p. 103.

Cicindela campestris var. *palustris*: Kantarjieva, 1928, p. 103.

Cicindela campestris var. *rubens*: Kantarjieva, 1928, p. 103.

Cicindela campestris var. *quinquemaculata*: Csiki, 1943, p. 214.

D, SPW, SPM, WB, V, K, PO, SG, T, ST, S, OP, SPT, R, P, SL, RDW, RDE.

100-2300 m; III-IX.

South Europe, Asia Minor, Caucasus, South-West Siberia up to Transbaikalia in the east, North Africa.

Cicindela (Cicindela) *campestris pontica* Fischer-Waldheim, 1825

Ent. Ross., 3, p. 18.

Cicindela campestris pontica: Kantarjieva, 1928, p. 106. Roubal, 1931, p. 363. Hieke & Wrase, 1988, p. 9.

D (Sindel), BSN (Varna), BSS (Nesebar).

0-150 m; IV.

Central and South Europe, Asia Minor, Cyprus.

Subgenus **Cylindera** Westwood, 1831

Cicindela (Cylindera) germanica Linnaeus, 1758

Syst. Nat., ed. 10, p. 407.

Cicindela germanica: Apfelbeck, 1904, p. 9. Ioakimov, 1904, p. 5. Nedelkov, 1909 a, p. 5. Rambousek, 1912, p. 63. Kantarjieva, 1928, p. 107. Palm, 1966, p. 20. Ganев, 1984, p. 124. Hieke & Wräse, 1988, p. 10. Popov & Krasteva, 1988, p. 69.

Cicindela germanica var. *obscura*: Rambousek, 1912, p. 63.

D, SPM, T, ST, S, SPT, RDW, BSN.

0-1500 m; VI-VIII.

Europe, Asia Minor, West and Central Asia, Siberia, Transbaikalia, Mongolia, China.

Subgenus **Cicindina** Adam & Merkl, 1986

Cicindela (Cicindina) arenaria viennensis Schrank, 1781

Enum. Ins. Austr., p. 190.

Cicindela arenaria viennensis: Panin, 1941, p. 545. Ganев, 1984, p. 124. Hieke & Wräse, 1988, p. 11.

D (Ivanski), SPT, BSN (Varna), BSS.

0-200 m; VI-VIII.

Central and South Europe, Caucasus, Siberia, Baikal.

Cicindela (Cicindina) trisignata hellenica (Cassola, 1973)

Biol. gallo-hell., 5 (1), p. 31 (*Eugrapha*).

Cicindela incompleta: Fairmaire, 1885, p. 8.

Cicindela trisignata: Apfelbeck, 1904, p. 12. Ioakimov, 1904, p. 5. Kantarjieva, 1928, p. 110. Karnoschitzky, 1950, p. 16. Hieke & Wräse, 1988, p. 11.

WB (Sofia), BSN, BSS.

0-600 m; VII-VIII.

Greece, Bulgaria.

Subgenus **Cephalota** Dokhtourow, 1883

Cicindela (Cephalota) turcica Schaum, 1859

Berl. Ent. Zeitschr., 3, p. 43.

Cicindela hispanica turcica: Kantarjieva, 1928, p. 108.

RDE (Minzuhar).

VII.

Balkan Peninsula, Asia Minor.

Subgenus *Taenidia* Rivalier, 1950

***Cicindela (Taenidia) chiloleuca* Fischer-Waldheim, 1820**

Ent. Ross., 1, p. 5.

Cicindela circumdata var. *dilacerata*: Rambousek, 1912, p. 63.

Cicindela chiloleuca: Kantarjieva, 1928, p. 110. Hieke & Wrase, 1988, p. 11.

BB (Straldzha), BSN (Varna).

0-200 m; VI.

Hungary, Romania, South-East Europe, West Siberia, Central Asia to China.

***Cicindela (Taenidia) circumdata* Latreille & Dejean, 1822**

Hist. Nat. Col., 1, p. 57.

Cicindela dilacerata: Apfelbeck, 1894, p. 546.

Cicindela circumdata: Apfelbeck, 1904, p. 10. Nedelkov, 1909 a, p. 5. Karnoschitzky, 1950, p. 14. Caspers, 1952, p. 257. Hieke & Wrase, 1988, p. 10.

BSS (Aheloy, Pomorie, Burgas).

VI-VIII.

Balkan Peninsula, Asia Minor.

***Cicindela (Taenidia) elegans stigmatophora* Fischer-Waldheim, 1825**

Ent. Ross., 3, p. 42.

Cicindela elegans var. *stigmatophora*: Panin, 1941, p. 545.

BSN (Kranevo).

VII-VIII.

Podolie, Romania, Balkan Peninsula, Crimea.

Subgenus *Lophyridia* Jeannel, 1946

***Cicindela (Lophyridia) fischeri* Adams, 1817**

Mém. Soc. Nat. Moscou, 5, p. 279.

Cicindela fischeri: Apfelbeck, 1904, p. 13. Rambousek, 1912, p. 63. Tuleschkov, 1932, p. 29. Angelov, 1965, p. 130. Ganev, 1984, p. 124. Hieke & Wrase, 1988, p. 11.

T, SPT, SL, RDW, RDE.

100-1000 m; IV-VII.

Southeast Europe, Asia Minor, Caucasus, Syria, Iran, Turkmenia.

Cicindela (Lophyridia) littoralis nemoralis Olivier, 1790

Ent., 2, p. 13.

Cicindela lunulata var. *nemoralis*: Apfelbeck, 1894, p. 546.

Cicindela lunulata: Apfelbeck, 1904, p. 13. Nedelkov, 1909 a, p. 5; 1909 b, p. 95. Rambousek, 1912, p. 63. Karnoschitzky, 1950, p. 17. Ganev, 1984, p. 124.

Cicindela littoralis: Ioakimov, 1904, p. 5. Kovachev, 1905, p. 5.

Cicindela lunulata nemoralis: Kantarjieva, 1928, p. 111. Mandl, 1934, p. 242. Panin, 1941, p. 545.

Cicindela nemoralis: Hieke & Wräse, 1988, p. 11.

D, T (Svilengrad), S, BSN, BSS.

0-100 m; V-VIII, XI.

West, Central, South and South-East Europe up to the Caspian Sea in the east.

SUFBAMILIA OMOPHRONINAE

TRIBUS OMOPHRONINI

Genus Omophron Latreille, 1802

Hist. Nat. Crust. Ins., 3, p. 89. Type-species: *Scolytus limbatus* Fabricius, 1776.

Omophron limbatum (Fabricius, 1776)

Hist. Nat. Crust. Ins., 3, p. 89 (*Scolytus*).

Epactius limbatus: Apfelbeck, 1904, p. 65. Nedelkov, 1909 a, p. 7.

Omophron limbatum: Ioakimov, 1904, p. 5. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 68. Panin, 1941, p. 546. Messner, 1964, p. 277. Hieke & Wräse, 1988, p. 23.

D, WB, K, T, SPT, RDW, RDE, BSN, BSS.

New loc.: V (VI.1963, - coll. J. Buchar), P (V-VI.1929 - coll. MP).

0-1100 m; V-VIII.

Europe, Asia Minor, Caucasus, Iran, Afghanistan, Central Asia, Siberia, North Africa.

SUBFAMILIA CARABINAE

TRIBUS CARABINI

Genus **Calosoma** Weber, 1801

Observ. Ent., 1, p. 20. Type-species: *Carabus sycophanta* Linnaeus, 1758.

Subgenus **Acalosoma** Lafer, 1989

Calosoma (Acalosoma) inquisitor (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 414 (*Carabus*).

Calosoma inquisitor: Ioakimov, 1899, p. 762; 1904, p. 6. Apfelbeck, 1904, p. 15. Kovachev, 1905, p. 6. Markovitch, 1909, p. 4. Nedelkov, 1909b, p. 96. Rambousek, 1912, p. 63. Buresch & Kantarjieva, 1928, p. 63. Drensky, 1942, p. 19. Angelov, 1960, p. 21; 1965, p. 131. Muche, 1965, p. 74. Palm, 1966, p. 11. Nikolova, 1968, p. 134. Battoni, 1976, p. 37. Hieke & Wrase, 1988, p. 12.

Calosoma inquisitor ab. *coeruleum*: Nedelkov, 1909 a, p. 5.

D, SPW, SPM, SPE, WB, T, S, R, SPT, RDW, RDE, BSN, BSS.

New loc.: V (Byalata voda, V.1981 - coll. T. Shtirkov), K (Golo bardo, V.1993 - coll. auct.), SG (Pirdop, 750 m, V.1982 and Galabets, VI.1980 - coll. T. Shtirkov), ST (Mramor, V.1988 - coll. R. Radev).

0-2000 m; V-VIII, XII.

Europe, Asia Minor, Iran, Ussuri region, Japan, North Africa.

Subgenus **Calosoma** s. str.

Calosoma (Calosoma) sycophanta (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 414 (*Carabus*).

Calosoma sycophanta: Ioakimov, 1899, p. 762; 1904, p. 6. Apfelbeck, 1904, p. 16. Markovitch, 1904, p. 235; 1909, p. 4. Kovachev, 1905, p. 6. Nedelkov, 1909 a, p. 5; 1909 b, p. 96. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 64. Buresch & Kantarjieva, 1928, p. 64. Angelov, 1960, p. 21; 1965, p. 131. Palm, 1966, p. 11. Battoni, 1976, p. 37. Hieke & Wrase, 1988, p. 12.

D, SPW, SPM, SPE, WB, V, K, PO, SG, T, BB, S, SPT, P, RDW, RDE, BSN, BSS.

New loc.: R (Kostenets, VII.1976 - coll. T. Shtirkov and Ribnoto ezero, 2200 m, VIII.1954 - coll. MS), M (Sturgach planina, VI.1936 - coll. MS).

0-2376 m; II-IX.

Europe, West Asia, Caucasus, Siberia, North Africa, North America (introduced).

Subgenus **Campalita** Motschulsky, 1865**Calosoma (Campalita) auropunctatum** (Herbst, 1782)

Arch. Insekten gesch., 1, p. 131 (*Carabus*).

Calosoma auropunctatum: Apfelbeck, 1904, p. 16. Ioakimov, 1904, p. 6. Markovitch, 1909, p. 4. Nedelkov, 1909 a, p. 5. Buresch & Kantarjieva, 1928, p. 65. Müller, 1929, p. 5. Drensky, 1942, p. 33. Hieke & Wräse, 1988, p. 12, 13.

D, PR, T, SPT, BSN, BSS.

New loc.: S (Grudovo, VI.1991 - coll. auct.), OP (Peak Choveka, 2000 m, VII.1980 - coll. J. Ganev).

0-2000 m; III-X.

North and Central Europe, Balkan Peninsula, Asia Minor, Caucasus, South-West Asia, Kazakhstan, Himalaya, Mongolia, West China.

Subgenus **Charmosta** Motschulsky, 1865**Calosoma (Charmosta) denticolle** Gebler, 1833

Bull. Soc. Nat. Mosc., 6, p. 274.

Calosoma denticolle: Hieke & Wräse, 1988, p. 13.

BSS (Arkutino, Sozopol).

Bulgaria, Romania, Ukraine, Russia up to Irkutsk in the east, Mongolia, Northwest China.

Genus **Carabus** Linnaeus, 1758

Syst. Nat., ed. 10, p. 413. Type-species: *Carabus granulatus* Linnaeus, 1758.

Subgenus **Limnocarabus** Géhin, 1876**Carabus (Limnocarabus) clathratus stygius** Ganglbauer, 1890

Wien. ent. Ztg., 9, p. 117.

Carabus clathratus stygius: Hieke & Wräse, 1988, p. 16. Guéorguiev, 1989, p. 82.

D (Valchedrum, Island Belene and near Ruse), BSS (Burgas).

0-100 m; VI-VII.

Czech Republic, Austria, Italy, Balkan Peninsula, South Russia, Transcaucasia (?).

Subgenus **Morphocarabus** Géhin, 1885

Carabus (Morphocarabus) scheidleri versicolor Frivaldszky, 1835

Magy. Tud. Tars. Evk., 2, p. 253. Loc. typ.: "Szlivno" (= Sliven).

Promorphocarabus monilis var. *bureschi* Hanus, 1923, Cas. Csl. spol. ent., 20, p. 1. Loc. typ.: Peak Kom (West Stara planina).

Carabus versicolor: Frivaldszky, 1835, p. 254; 1845, p. 165.

Carabus scheidleri versicolor: Apfelbeck, 1904, p. 36. Buresch & Kantarjieva, 1928, p. 92, nota 2.

Carabus herbsti: Markovitch, 1904, p. 234; 1909, p. 4.

Carabus catenulatus: Markovitch, 1904, p. 234; 1909, p. 4.

Carabus catenatus: Markovitch, 1904, p. 234; 1909, p. 4.

Carabus scheidleri var. *versicolor*: Markovitch, 1909, p. 4.

Carabus monilis: Markovitch, 1904, p. 234. Buresch & Kantarjieva, 1928, p. 94.

Carabus monilis scheidleri versicolor: Breuning, 1932, p. 335.

Carabus scheidleri: Hieke & Wräse, 1988, p. 18.

D, SPW (Peak Kom), SPE (Sliven), SPE (Peak Chumerna).

50-1800 m; IV-VII.

Balkan Peninsula (Serbia, Bulgaria).

Carabus (Morphocarabus) scabriuscus bulgarus Lapouge, 1908

Echange, 24, p. 37. Loc. typ.: "Balkan" (= Stara planina).

Carabus scabriuscus: Apfelbeck, 1894, p. 547; 1904, p. 38. Ioakimov, 1899, p. 762; 1904, p. 6. Nedelkov, 1909 a, p. 6. Georgov, 1915, p. 188.

Carabus scabriuscus var. *lippi*: Markovitch, 1909, p. 4. Rambousek, 1912, p. 66.

Carabus scabriuscus lippi: Breuning, 1928, p. 116.

Carabus scabriuscus bulgarus: Buresch & Kantarjieva, 1928, p. 96. Breuning, 1933, p. 502. Maran, 1950, p. 2. Angelov, 1965, p. 132. Heinz, 1978, p. 76. Hieke & Wräse, 1988, p. 18.

Carabus wiedemanni vaitoianii: Korge, 1968, p. 40.

D, PR, SPW, SPM, WB, L, V, SG, T, ST, R, RDW, RDE, BSN, BSS.

New loc.: K (Golo bardo - "Gradishte", IV.1937 - coll. MS), S (Peak Papiya, 500 m, VI.1933; VI.1937 - coll. MS and Peak Isperets, V.1993 - coll. auct.), P (Bansko, 1100 m, IV.1981 - coll. auct.), SL (1200 m, VI.1937 - coll. MS).

0-1800 m; III-X.

Romania, Balkan Peninsula.

Subgenus **Carabus** s. str.**Carabus (Carabus) granulatus Linnaeus, 1758**

Syst. Nat., ed. 10, p. 413.

Carabus granulatus: Apfelbeck, 1904, p. 33. Ioakimov, 1904, p. 6. Rambousek, 1912, p. 65. Breuning, 1928, p. 113; 1932, p. 536. Buresch & Kantarjieva, 1928, p. 88. Kantarjieva, 1934, p. 220. Hieke & Wräse, 1988, p. 17.

Carabus granulatus var. *rubripes*: Ioakimov, 1904, p. 6.

D, SPW, SPM, WB, V, BSM, SPT, T.

New loc.: K (Skakavitsa - Zemenska planina, IV.1983 - coll. - J. Ganev), MPO (Gorna Breznitsa, IV.1985 - coll. R. Radev), BSN (Kranevo and Kamchiya, IX.1986 - coll. R. Radev), BSS (Vasiliko, VI.1973 - coll. MP; Arkutino, VII.1980 and VIII-IX.1984 - coll. T. Shtirkov and V. Popov; Ahtopol, IV.1990 - coll. B. Petrov).

0-1000 m; III-XI.

Europe (with the exception of the greatest part of the Mediterranean countries), Crimea, Siberia, Mongolia, North-East and East China, Far East of Russia, Korean Peninsula, Sakhalin, Japan (Hokkaido, Honshu), North America (introduced).

Carabus (Carabus) menetriesi Faldermann, 1827

in: Hummel, Ess. ent., 6, p. 3.

Carabus menetriesi pacholei: Guéorguiev, 1989, p. 83.

B (1 ex.).

About 500 m; VII.

Austria, Czech Republic (Bohemian Forest, Erz Mts.), Bulgaria.

NOTE: According to Deuve (1991, p.35), *Carabus pacholei* Sokolov, 1911 is a hybrid between the species *C. arvensis* and *C. ullrichi*.

Subgenus **Eucarabus** Géhin, 1885**Carabus (Eucarabus) ullrichi ullrichi Germar, 1824**

Ins. Spec. nov., p. 5.

Carabus ullrichi var. *fastuosus*: Kovachev, 1905, p. 6.

Carabus ullrichi var. *rhilensis*: Markovitch, 1909, p. 4. Buresch & Kantarjieva, 1928, p. 92.

Carabus ullrichi var. *leuckarti*: Breuning, 1928, p. 114.

Carabus ullrichi comanensis: Breuning, 1932, p. 424.

Carabus ullrichi intercessor: Breuning, 1932, p. 424.

Carabus ullrichi: Hieke & Wräse, 1988, p. 17.

Carabus ullrichi fastuosus: Guéorguiev, 1989, p. 82.

D, PR, ST, BSN, BSS.

0-600 m; IV-VI.

Central Europe, Bulgaria, Romania, Moldavia, Ukraine (Podolie).

Carabus (Eucarabus) ullrichi fastuosus Palliardi, 1825

Beschr. 2 Dec. neu Carab., p. 13.

Carabus ullrichi var. *rhilensis* Kraatz, 1876, Dtsch. Ent. Zeitschr., 20, p. 141. Loc. typ.: "Rhilo-Dagh" (= Rila).

Carabus ullrichi slivensis Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 35. Loc. typ.: "Sliven".

Carabus ullrichi rhilensis: Apfelbeck, 1904, p. 35. Breuning, 1928, p. 114. Buresch & Kantarjieva, 1928, p. 92.

Carabus ullrichi: Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 6. Hieke & Wrase, 1988, p. 17.

Carabus ullrichi var. *rhilensis*: Nedelkov, 1909 a, p. 6. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 66.

Carabus ullrichi fastuosus stressineri m. *rhilensis*: Breuning, 1932, p. 424.

Carabus ullrichi fastuosus: Guéorguiev, 1989, p. 82.

SPM, WB, L, V, SG, OP, SPT, R.

New loc.: SPW (Kurilo, IV.1947 and Berkovitsa, VII.1963 - coll. MS), K (Trun, V.1992 - coll. B. Petrov).

500-2000 m; IV-VII.

Poland, Central Europe, Romania, Balkan Peninsula, Moldavia.

Subgenus Autocarabus Seidlitz, 1887

Carabus (Autocarabus) cancellatus intermedius Dejean, 1826

Spec. gén. Col., 2, p. 104.

Carabus cancellatus var. *balcanicus* Born, 1899, Verh. zool.-bot. Ges. Wien, p. 486. Loc. typ.: Stara planina (Klisura).

Carabus cancellatus var. *drenskyi* Breuning, 1928, Mitt. K. Naturwiss. Ins. Sofia, 1, p. 114. Loc. typ.: "Rhodope-Gebirge, Hassa-korija".

Carabus cancellatus graniger: Apfelbeck, 1904, p. 32.

Carabus cancellatus graniger var. *balcanicus*: Apfelbeck, 1904, p. 32.

Carabus cancellatus: Ioakimov, 1904, p. 6. Markovitch, 1904, p. 234; 1909, p. 4. Nedelkov, 1909a, p. 6.

Carabus cancellatus var. *subgraniger*: Ioakimov, 1904, p. 6. Lemos-Pereira, 1982, p. 28.

Carabus cancellatus var. *balcanicus*: Rambousek, 1912, p. 65.

Carabus cancellatus balcanicus: Breuning, 1928, p. 113. Buresch & Kantarjieva, 1928, p. 90. Angelov, 1965, p. 132.

Carabus cancellatus intermedius n. balcanicus: Breuning, 1932, p. 591.

Carabus cancellatus intermedius: Hieke & Wräse, 1988, p. 17.

D, SPW, SPM, SPE, WB, L, V, SG, R, RDW, BSS.

New loc.: ST (3 ex.- coll. MP).

0-1900 m; III-IX, XI.

Austria, Balkan Peninsula.

Subgenus **Archicarabus** Seidlitz, 1887

Carabus (Archicarabus) nemoralis O. F. Müller, 1764

Faun. Ins. Friedrischdal., p. 21.

Carabus nemoralis: Ioakimov, 1904, p. 6. Buresch & Kantarjieva, 1928, p. 99, nota 1. Guéorguiev, 1989, p. 82.

SG, T (Haskovo), RDW (Bachkovo).

200-800 m; V-VII.

Europe, North America.

Carabus (Archicarabus) montivagus bulgaricus Csiki, 1927

Col. Cat. Carab., 1, p. 280. Loc. typ.: "Burgas".

Carabus montivagus kalofirensis Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 38. Loc. typ.: "Kalofer". - Battoni, 1976, p. 37.

Carabus montivagus rosalitanus Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 39. Loc. typ.: "Rosalita Passes" (= Rusaliyski prohod - Stara planina).

Carabus montivagus var. *ponticus* Apfelbeck, 1904, p. 38, nota 2. Loc. typ.: "Burgas".

Carabus montivagus: Apfelbeck, 1904, p. 38. Breuning, 1928, p. 115; 1933, p. 675. Buresch & Kantarjieva, 1928, p. 98. Angelov, 1965, p. 132. Kantarjieva, 1934, p. 220. Hieke & Wräse, 1988, p. 18. Penev, 1992, p. 96.

Carabus nemoralis: Markovitch, 1909, p. 4.

Carabus montivagus ponticus: Battoni, 1976, p. 37.

Carabus montivagus bulgaricus: Muche, 1965, p. 73. Blumenthal, 1976, p. 118.

D, SPM, B, R, P, RDW, BSS.

New loc.: SPW (Ponor planina, IX.1992 - coll. auct.), V (IV.1957 - coll. MS and Bosnek, 1200 m, VIII.1993 - coll. auct.), K (Golo bardo, VIII.1985 - coll. T. Shtirkov), SG (Lozenska planina, VII. 1981 - coll. T. Shtirkov), ST (Mramor, III.1988 - coll. R. Radev and Golyam Dervent, Ghiolbunar, VI.1993 - coll. auct.), T (Plovdiv - coll. auct.), SL (VI.1935 and 1938 - coll. MS), RDE (Mandritsa, IV. 1990; Odrintsi, 100 m, XI. 1990; Shiroko pole, III. 1991 Madzharovo and Momina skala, IV. 1992 - coll. B. Petrov), BSN (Varna, III.1986 - coll. R. Radev).

0-1600 m; III-XI.

Balkan Peninsula (Bulgaria, Greece).

Carabus (Archicarabus) wiedemanni vaitoianii Strasser, 1900

Soc. Ent., 14, p. 148. Loc. typ.: "Philippopol" (= Plovdiv).

Carabus wiedemanni burgassiensis Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 39. Loc. typ.: "Burgas".

Carabus wiedemanni: Rambousek, 1912, p. 66. Breuning, 1928, p. 115. Buresch & Kantarjieva, 1928, p. 102. Kantarjieva, 1934, p. 220. Hieke & Wrase, 1988, p. 19. Guéorguiev, 1989, p. 83.

Carabus wiedemanni burgassiensis: Breuning, 1932, p. 679. Battoni, 1976, p. 37.

Carabus wiedemanni vaitoianii: Heinz, 1978, p. 76.

PR, SPM, T, ST, S, MPO, RDW, RDE, BSS.

O-1400 m; IV-IX.

Balkan Peninsula (Bulgaria, Greece, European Turkey).

Subgenus *Orinocarabus* Kraatz, 1878

Carabus (Orinocarabus) linnei Panzer, 1812

Fauna Ins. Germ., p. 109.

Carabus linnei: Guéorguiev, 1989, p. 83.

D (Pleven).

About 200 m; VIII.

Germany, Czech Republik, Italy, Austria, Bulgaria, Romania, Ukraine (Podolie, Volhyn).

Subgenus *Oreocarabus* Géhin, 1876

Carabus (Oreocarabus) hortensis Linnaeus, 1758

Syst. Nat., ed. 10, p. 413.

Carabus hortensis rhodopensis Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 41.

Loc. typ.: "Bulgarien" (= Vitosha).

Carabus hortensis: Apfelbeck, 1894, p. 550. Ioakimov, 1899, p. 762; 1904, p. 4. Nedelkov, 1909 a, p. 6. Breuning, 1928, p. 116; 1933, p. 709. Angelov, 1968, p. 141. Battoni, 1976, p. 37. Hieke & Wrase, 1988, p. 20. Guéorguiev, 1992, p. 61.

Carabus hortensis var. *rhodopensis*: Rambousek, 1912, p. 66.

Carabus hortensis rhodopensis: Buresch & Kantarjieva, 1928, p. 103.

D, SPW, SPM, WB, L, V, SG, T, B, ST, SPT, R, P, RDW.

300-2300 m; IV-XI.

Europe.

Subgenus **Tomocarabus** Reitter, 1896

Carabus (Tomocarabus) convexus dilatatus Dejean, 1826

Spec. gén. Col., 2, p. 158.

Carabus convexus: Apfelbeck, 1904, p. 40. Ioakimov, 1904, p. 6. Angelov, 1965, p. 132.

Carabus convexus dilatatus: Apfelbeck, 1904, p. 40. Buresch & Kantarjieva, 1928, p. 86. Breuning, 1928, p. 112; 1932, p. 874. Hieke & Wräse, 1988, p. 19. Guéorguiev, 1990, p. 134.

Carabus convexus var. *dilatatus*: Rambousek, 1912, p. 65. Csiki, 1943, p. 214.

Carabus convexus ab. *gracilior*: Rambousek, 1912, p. 65.

Carabus convexus *gracilior*: Breuning, 1928, p. 112; 1932, p. 870. Battoni, 1976, p. 36.

Carabus convexus var. *hornschorchi*: Breuning, 1928, p. 112.

SPM, L, V, SG, OP, R, P, SL, RDW.

New loc.: SPW (Lakatnik, V.1993 - coll. auct.).

up to 2600 m; IV-IX.

South-East Europe, Balkan Peninsula.

Carabus (Tomocarabus) convexus gracilior Géhin, 1885

Cat. Carab., p. 49.

Carabus convexus: Apfelbeck, 1894, p. 547; 1904, p. 40. Markovitch, 1904, p. 234; 1909, p. 4. Kovachev, 1905, p. 6. Breuning, 1928, p. 112. Hieke & Wräse, 1988, p. 19. Penev, 1992, p. 96.

Carabus convexus *gracilior*: Netolitzky, 1912, p. 158. Buresch & Kantarjieva, 1928, p. 86. Battoni, 1976, p. 37.

Carabus convexus *dilatatus*: Breuning, 1933, p. 874.

D, PR, WB, K, PO, T, S, BSN, BSS.

New loc.: BSM (Blagoevgrad, IV - VI. 1989 - 1994 - coll. MB), SPT (Kresna, IV.1991 - coll. B. Petrov), ST (Mramor, III.1988 - coll. R. Radev), RDE (Momina skala, IV.1992 - coll. B. Petrov).

In the country's plain parts; I-VIII.

Romania, Balkan Peninsula.

Subgenus **Pachystus** Motschulsky, 1865

Carabus (Pachystus) hungaricus Fabricius, 1801

Syst. Eleuth., 1, p. 174.

Carabus hungaricus: Hieke & Wrase, 1988, p. 14. Guéorguiev, 1989, p. 83.

WB (Dragoman, Petarch).

500-800 m; X.

Moravia, Slovakia, Hungary, Romania, Serbia and West Bulgaria.

Carabus (Pachystus) cavernosus Frivaldszky, 1837

Magy. Tud. Tars. Evk., 3, p. 181. Loc. typ.: "Kalophr" (= Kalofer).

Carabus cavernosus: Frivaldszky, 1837, p. 181; 1845, p. 169. Apfelbeck, 1904, p. 25. Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 6. Rambousek, 1912, p. 64. Breuning, 1928, p. 111; 1933, p. 798. Buresch & Kantarjieva, 1928, p. 111. Csiki, 1943, p. 214. Hieke & Wrase, 1988, p. 15.

PR, SPW, SPM, SPE, L, V, SG, OP, R, SL, RDW.

New loc.: K (Golo bardo, 900 m, X.1938 - coll. MS) and P (Peak Orelek, 2000 m, VII. 1982 - coll. MB).

800-2370 m; V-X.

Balkan Peninsula.

Carabus (Pachystus) graecus morio Mannerheim, 1830

Bull. Soc. Nat. Mosc., 3, p. 58.

Carabus morio: Apfelbeck, 1894, p. 547; 1904, p. 23. Breuning, 1928, p. 110.

Carabus cavernicollis: Ioakimov, 1904, p. 6.

Carabus graecus morio: Buresch & Kantarjieva, 1928, p. 78. Breuning, 1932, p. 802. Kantarjieva, 1934, p. 220. Drenowski, 1937, p. 10. Hieke & Wrase, 1988, p. 15.

Pachystus graecus var. *cavernicola*: Müller, 1929, p. 6.

D (Provadiya), SPM, SPE, T, BB, B, BSM, SPT, SL, RDE, BSN, BSS.

New loc.: P (V-VI.1929 - coll. MP).

0-1300 m; III-VI, IX-XI.

Balkan Peninsula, Asia Minor.

Subgenus **Hygrocarabus** Thomson, 1875

Carabus (Hygrocarabus) variolosus Fabricius, 1787

Mant. Ins., p. 194.

Carabus variolosus: Apfelbeck, 1904, p. 30. Rambousek, 1912, p. 65. Buresch & Kantarjieva, 1928, p. 89. Breuning, 1935, p. 1168. Hieke & Wräse, 1988, p. 16.

SPW (Varshets).

300 m; V.

Czech Republic, Moravia, Slovakia, West Ukraine (Carpathian region), Hungary, Romania, North Serbia and North-West Bulgaria.

Subgenus **Chaetocarabus** Thomson, 1875

Carabus (Chaetocarabus) intricatus Linnaeus, 1761

Fauna Suec., ed. 2, p. 217.

Carabus intricatus starensis Born, 1918, Ent. Bl., p. 197. Loc.typ.: "Rhilo-Dagh" (= Rila).

Carabus intricatus: Ioakimov, 1899, p. 762; 1904, p. 6. Apfelbeck, 1904, p. 28. Nedelkov, 1909 a, p. 6. Rambousek, 1912, p. 65. Palm, 1966, p. 11. Nikolova, 1968, p. 134. Hieke & Wräse, 1988, p. 16.

Carabus intricatus var. *rumelicus*: Netolitzky, 1912, p. 158.

Carabus intricatus var. *starensis*: Breuning, 1928, p. 112.

Carabus intricatus starensis: Buresch & Kantarjieva, 1928, p. 85. Angelov, 1965, p. 131. Muche, 1965, p. 72. Battoni, 1976, p. 37. .

Carabus intricatus n. *starensis*: Breuning, 1934, p. 1045.

D, SPW, SPM, SPE, WB, V, K, SG, T, OP, SPT, R, P, RDW, BSN, BSS.

New loc.: L (VI.1907 - coll. MS), PL (Kokalyanski manastir, VI.1966 - coll. MS), BSM (Blagoevgrad, III - X. 1972 - 1993 - coll. MB), S (VII.1933 and VI.1973 - coll. MS).

0-2000 m; III-X.

Central, South and South-East Europe.

Subgenus **Heterocarabus** Morawitz, 1886

Carabus (Heterocarabus) marietti Cristofori & Jan, 1837

Mag. Zool., (9), 3, pl. 183, fig. 2.

Heterocarabus marietti: Battoni, 1976, p. 37.

Carabus marietti: Hieke & Wräse, 1988, p. 16.

BSS.

New loc.: S (Kosti, V.1991 - coll. B. Petrov).

0-200 m; V-VI.

Bulgaria, Asia Minor.

Subgenus **Megodontus** Solier, 1848

Carabus (Megodontus) violaceus azurescens Dejean, 1826

Spec. gén. Col., 2, p. 130.

Carabus violaceus rilvensis Kolbe, 1887, Ent. Nachr., 9, p. 138. Loc. typ.: "Rumelien" (= Rila).

Carabus violaceus balcanicus Lapouge, 1902, L'Echange, 24, p. 59. Loc. typ.: Balkan - occidental.

Carabus violaceus scombrosensis Eidam, 1927, Col. Centralbl., 1 (5-6), p. 285. Loc. typ.: Rila.

Carabus violaceus scombrosensis var. *sofianus* Eidam, 1927, Col. Centralbl., 1 (5-6), p. 285. Loc. typ.: Sofia.

Carabus violaceus bartoni Maran, 1930, Cas. Csl. spol. ent., 27 (5-6), p. 117. Loc. typ.: "Alibotus-Gebirge" (= Slavyanka).

Carabus violaceus azurescens purkynei Sterba, 1945, Sbor. Ent. odd. Nar. Mus. Praze, 23, p. 154. Loc. typ.: "Belasitsa planina" (= Belasitsa).

Carabus violaceus: Ioakimov, 1899, p. 762; 1904, p. 6. Markovitch, 1904, p. 234. Nedelkov, 1909 a, p. 4. Hieke & Wrase, 1988, p. 15.

Carabus violaceus rilvensis: Apfelbeck, 1904, p. 28. Battoni, 1976, p. 37.

Carabus violaceus, var. *rilvensis*: Nedelkov, 1909 a, p. 6. Rambousek, 1912, p. 65.

Megodontus violaceus var. *crenatus*: Nedelkov, 1909 b, p. 96.

Carabus violaceus scombrosensis: Breuning, 1928, p. 111.

Carabus violaceus balcanicus: Buresch & Kantarjieva, 1928, p. 83. Angelov, 1965, p. 131.

Carabus violaceus bartoni: Maran, 1930, p. 118; 1933 a, p. 88. Sterba, 1945, p. 152.

Carabus violaceus azurescens m. *shardagensis*: Breuning, 1932, p. 1261.

Carabus violaceus azurescens rilvensis: Breuning, 1932, p. 1261.

Carabus violaceus azurescens n. *skombrosensis*: Breuning, 1932, p. 1263. Sterba, 1945, p. 152.

Carabus violaceus azurescens bartoni: Sterba, 1945, p. 152.

Carabus violaceus azurescens: Guéorguiev, 1988, p. 75.

D, SPW, SPM, SPE, WB, V, K, SG, OP, B, SPT, R, P, SL, RDW.

New loc.: L (VII.1980 and VIII.1981 - coll. T. Shtirkov), S (VI.1973 - coll. MP), VL (Lisiya, VII. 1983 - coll. MB), BSS (Maslen nos, VII.1933 - coll. MS).

0-2500 m; III-XI.

Balkan Peninsula.

Subgenus **Lamprostus** Motschulsky, 1865

Carabus (Lamprostus) torosus Frivaldszky, 1835

Magy. Tud. Tars. Evk., 2, p. 252. Loc. typ.: "Balkanynak" (= Sliven).

Carabus thorosus (sic!): Frivaldszky, 1835, p. 253; 1845, p. 165.

Tribax torosus: Apfelbeck, 1894, p. 546.

Carabus torosus: Apfelbeck, 1904, p. 23. Nedelkov, 1909 a, p. 6. Breuning, 1928, p. 110. Buresch & Kantarjieva, 1928, p. 75. A. Müller, 1929, p. 5. Hieke & Wrase, 1988, p. 14. Guéorguiev, 1989, p. 83.

Lamprostus torosus: Breuning, 1935, p. 1345.

Procrustes torosus: Maran, 1950, p. 4.

D (Ruse), SPM, SPE, BSN, BSS.

IV-XI.

Bulgaria, Greece.

Subgenus **Procrustes** Bonelli, 1809

Carabus (Procrustes) coriaceus cerisyi Dejean, 1826

Spec. gén. Col., 2, p. 30.

Carabus coriaceus cerisyi n. *pseudofurax* Maran, 1949, Acta ent. Mus. natn. Pragae, 26, p. 6. Loc. typ.: Karlovo.

Procrustes vicinus: Frivaldszky, 1837, p. 161; 1845, p. 168.

Procrustes coriaceus: Ioakimov, 1899, p. 762; 1904, p. 6.

Carabus coriaceus hopffgarteni: Apfelbeck, 1904, p. 22. Breuning, 1928, p. 109. Buresch & Kantarjieva, 1928, p. 72. Battoni, 1976, p. 76. Hieke & Wrase, 1988, p. 13.

Carabus coriaceus hopffgarteni var. *semipunctatus*: Apfelbeck, 1904, p. 23.

Procrustes semipunctatus: Ioakimov, 1904, p. 6.

Carabus coriaceus: Nedelkov, 1909 a, p. 6. Angelov, 1965, p. 131. Nikolova, 1968, p. 134.

Carabus coriaceus ab. *caraboides*: Nedelkov, 1909 a, p. 6.

Carabus coriaceus var. *hopffgarteni*: Netolitzky, 1912, p. 158., Rambousek, 1912, p. 64. Csiki, 1943, p. 214.

Carabus coriaceus ab. *semipunctatus*: Netolitzky, 1912, p. 158.

Carabus coriaceus ab. *kindermannii*: Rambousek, 1912, p. 64.

Carabus coriaceus caraboides: Buresch & Kantarjieva, 1928, p. 73.

Carabus coriaceus cerisyi n. *subrugosus*: Breuning, 1932, p. 1406.

Carabus coriaceus cerisyi n. *vicinus*: Breuning, 1932, p. 1407.

Carabus coriaceus cerisyi n. *hopffgarteni*: Breuning, 1932, p. 1407.

Procrustes coriaceus kindermannii: Guéorguiev & Beron, 1962, p. 327.

PR, SPW, SPM, WB, L, V, SG, SPT, R, P, SL, RDW, RDE.

New loc.: K (Kamenitsa - Prekolnitsa, X.1977 - coll. J. Ganev and Golo bardo, VI.1993 - coll. auct.), OP (Hisarlaka, VI.1967 - coll. MS), BSM (Blagoevgrad, VI - XI. 1974 - 1992 - coll. MB and Pokrovnik, VI. 1993 - coll. MB, IV.1982 - coll. L. Penev), VL (Selishte, V.1975 - coll. L. Penev) and B (1600-1900 m, VI.1988 - coll. auct.).

Up to 2300 m; II, IV-XI.

Hungary, Balkan Peninsula, Asia Minor.

Carabus (Procrustes) coriaceus kindermanni Waltl, 1838

Isis, 8, p. 452.

Carabus coriaceus caraboides: Apfelbeck, 1904, p. 21. Buresch & Kantarjieva, 1928, p. 73.

Procrustes coriaceus var. *foudrasi*: Kovachev, 1905, p. 6.

Procrustes semipunctatus: Markovitch, 1909, p. 4.

Procrustes coriaceus: Markovitch, 1909, p. 4.

Carabus coriaceus ab. *caraboides*: Nedelkov, 1909 a, p. 6.

Carabus coriaceus ab. *kindermanni*: Nedelkov, 1909 a, p. 6.

Carabus coriaceus vicinus: Breuning, 1928, p. 110.

Carabus coriaceus kindermanni: Breuning, 1928, p. 110. Maran, 1949, p. 8. Battoni, 1976, p. 37. Hieke & Wräse, 1988, p. 13-14.

Carabus coriaceus cerisyi n. *vicinus*: Breuning, 1932, p. 1407. Maran, 1949, p. 4.

Carabus coriaceus kindermanni m. *caraboides*: Maran, 1949, p. 8.

Carabus coriaceus: Angelov, 1960, p. 21.

Procrustes coriaceus kindermanni: Muche, 1963, p. 174; 1965, p. 72.

D, T, BB, S, BSN, BSS.

New loc.: ST (Voden, Samar daala, XI.1992 - coll. auct.).

Up to 400 m; IV-XI.

Balkan Peninsula (Bulgaria), Asia Minor.

Genus Procerus Dejean, 1826

Spec. gén. Col., 2, p. 22. Type-species: *Carabus scabrosus* Olivier, 1795.

Procerus gigas (Creutzer, 1799)

Ent. Ver., 1, p. 107 (*Carabus*).

Procerus gigas: Apfelbeck, 1904, p. 17. Ioakimov, 1904, p. 6. Markovitch, 1904, p. 234; 1909, p. 4. Kovachev, 1905, p. 6. Nedelkov, 1909 a, p. 5; 1909 b, p. 96. Rambousek, 1912, p. 64. Buresch & Kantarjieva, 1928, p. 66. Drensky, 1942, p. 20. Angelov, 1965, p. 131. Cavazzuti, 1989, p. 58.

Carabus (Procerus) gigas: Breuning, 1928, p. 66; 1935, p. 1333. Hieke & Wräse, 1988, p. 13.

Carabus gigas: Csiki, 1943, p. 214.

D, SPW, SPM, WB, L, V, K, SG, R, SL, RDW, BSN.

New loc.: PL (Kokalyanski manastir, VII.1936 - coll. MS), BSM (Blagoevgrad, VII. 1969 - coll. MB), P (Zagaza village above Vlahi, 1700 m, IX.1961 - observed by V. Beshkov).

0-2000 m; III, V-IX.

North-East Italy, South Austria, South Hungary, South-West Romania, Balkan Peninsula.

Procerus sommeri bureschianus (Breuning, 1928)

Mitt. K. Naturwiss. Inst. Sofia, 1, p. 109 (*Carabus*). Loc. typ.: "Backovo - Rhodope" (= Bachkovo).

Procerus scabrosus: Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 5. Buresch & Kantarjieva, 1928, p. 66. Angelov, 1965, p. 131.

Carabus scabrosus var. *bureschianus*: Breuning, 1928, p. 109.

Carabus scabrosus bureskianus (sic!): Battoni, 1976, p. 37.

Carabus scabrosus bureschianus: Hieke & Wräse, 1988, p. 13.

Procerus sommeri bureschianus: Cavazzuti, 1989, p. 85.

RDW, RDE (Kardzhali).

500-1400 m; IV-IX.

Bulgaria (only in the Rhodopes), North-East Greece (Rhodopes).

Procerus scabrosus (Olivier, 1789)

Entomol., 3, n. 35, p. 17 (*Carabus*).

Procerus scabrosus: Apfelbeck, 1894, p. 550; 1904, p. 17. Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 5; 1909 b, p. 96. Rambousek, 1912, p. 64. Buresch & Kantarjieva, 1928, p. 66.

Carabus scabrosus: Breuning, 1928, p. 109; 1935, p. 1325. Hieke & Wräse, 1988, p. 13.

Carabus scabrosus m. *propinqua*: Breuning, 1935, p. 1325.

Carabus scabrosus scabrosus: Cavazzuti, 1989, p. 107.

PR, SPM, SPE, SG, T, S, BSS.

0-1300 m; IV-VIII.

Balkan Peninsula (southeastern part of Bulgaria, European Turkey).

TRIBUS CYCHRINI

Genus **Cychrus** Fabricius, 1794

Ent. Syst., 4, p. 440. Type-species: *Carabus rostratus* Fabricius, 1775

(= *C. caraboides* Linnaeus, 1758).

Cychrus semigranosus balcanicus Hopffgarten, 1881

Ent. Nachr., 7, p. 21.: Loc. typ.: Toplesh (Stara planina).

Cychrus semigranosus balcanicus var. *rhilensis* Röschke, 1907, Ann. Mus. natn. Hung., 5, p.

256. Loc. typ.: "Rhilo-Dagh" (= Rila).

Cychrus semigranosus balcanicus n. belasicensis Maran, 1933, Sborn. ent. odd. Nar. Mus. Praze, 11, p. 88. Loc. typ.: "Belasitsa" (= Belasitsa planina).

Cychrus semigranosus balcanicus: Apfelbeck, 1904, p. 47. Röschke, 1907, p. 256. Buresch & Kantarjieva, 1928, p. 61. Maran, 1940 b, p. 134. Battoni, 1976, p. 37. Hieke & Wrase, 1988, p. 20. Guéorguiev, 1988, p. 75.

Cychrus rostratus: Ioakimov, 1904, p. 6.

Cychrus semigranosus var. *balcanicus*: Nedelkov, 1909 a, p. 5. Rambousek, 1912, p. 63.

Cychrus semigranosus var. *balcanus* (sic!): Netolitzky, 1912, p. 158.

Cychrus semigranosus balcanicus n. rhilensis: Maran, 1933 a, p. 88.

Cychrus semigranosus n. balcanicus: Maran, 1940, p. 134.

Cychrus semigranosus n. balcanicus m. rhilensis: Maran, 1940, p. 134.

Cychrus semigranosus n. balcanicus m. belasicensis: Maran, 1940, p. 134.

Cychrus balcanicus: Angelov, 1965, p. 130.

SPW, SPM, WB, L, V, PO, SG, OP, B, R, P, RDW, BSS.

New loc.: D (Vidin - coll. auct.; Kozloduy, VII.1965 - coll. MS).

0-2400 m; IV-X, XII.

Balkan Peninsula (Bulgaria, Serbia, Macedonia)

SUBFAMILIA NEBRIINAE

TRIBUS NEBRIINI

Genus **Nebria** Latreille, 1802

Hist. Nat. Crust. Ins., 3, p. 89. Type-species: *Carabus brevicollis* Fabricius, 1792

Subgenus **Eunebria** Jeannel, 1937

Nebria (Eunebria) jockischii nigricornis Villa, 1833

Col. Eur. Dupl., p. 33.

Nebria jockischii nigricornis: Bänninger, 1925, p. 257. Horion, 1941, p. 76. Hieke & Wrase, 1988, p. 22. Guéorguiev, 1992, p. 62.

Nebria nigricornis: Bänninger, 1949, p. 128.

SPM, V, P, RD.

Up to 2290 m; V-VIII.

Pyrenees, Alps, Apennines, Sudetes, Carpathian Mts., Balkan Peninsula (mountains).

Nebria (Eunebria) merkliana Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 52.

Nebria merkliana: Guéorguiev, 1992, p. 61.

P (Peak Vihren).

VII.

Asia Minor, Bulgaria.

NOTE: According to Ledoux & Roux (1991, p. 98), this species is perhaps a subspecies or even a synonym of *N. jockischii* Sturm. Regrettably, type material is sure to be lost.

Subgenus Boreonebria Jeannel, 1937**Nebria (Boreonebria) rufescens** (Ström, 1768)

Kgl. N. Vid. Selsk. Skr., 4, nr. 2 (*Carabus*).

Nebria gyllenhali: Apfelbeck, 1894, p. 551; 1904, p. 52. Rambousek, 1912, p. 67. Buresch & Arndt, 1926, p. 363. Hieke & Wrase, 1988, p. 22.

R, P.

1150-2000 m; VII-VIII.

North Europe, mountains of Central and South Europe, Siberia, Tian-Shan, Altai, Far East of Russia, Sakhalin, North America.

Subgenus Nebria s. str.**Nebria (Nebria) brevicollis** (Fabricius, 1792)

Ent. Syst., 1, p. 150 (*Carabus*).

Nebria brevicollis: Apfelbeck, 1904, p. 54. Ioakimov, 1904, p. 6. Markovitch, 1909, p. 4. Rambousek, 1912, p. 67. Drensky, 1934, p. 114; 1942, p. 20. Hieke & Wrase, 1988, p. 22.

D, SPM, WB, V, SG, T, ST, S, VL, B, BSM, SPT, R, RDW, BSN, BSS.

New loc.: SPW (Belogradchik, VI.1927 - coll. MS), K (Golo bardo, 1000 m, VI.1958 - coll. K. Hurka), RDE (Kardzhali, V.1965 - coll. auct. and Momchilgrad, V.1978 - coll. K. Hurka).

0-1500 m; IV-VIII, X.

Europe, Asia Minor, Caucasus, Iran, North America.

Subgenus *Alpaeus* Bonelli, 1809

***Nebria (Alpaeus) rhilensis* Frivaldszky, 1879**

Termész. Füz., 3, p. 230. Loc. typ.: "Rhilo-Dagh" (= Rila).

Nebria rhilensis: Apfelbeck, 1904, p. 57. Nedelkov, 1909 a, p. 6. Rambousek 1912, p. 67. Bänninger, 1925, p. 269. Perrault, 1978, p. 249. Guéorguiev, 1988, p. 75. Hieke & Wrase, 1988, p. 23.

R, P.

1400-2900 m; VII-VIII.

Bulgaria.

***Nebria (Alpaeus) eugeniae* K. Daniel, 1903**

Münch. Kol. Zeitschr., 1, p. 161. Loc. typ.: "Rhilo dagh" (= Rila).

Nebria eugeniae: Apfelbeck, 1904, p. 58. Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 67. Bänninger, 1925, p. 268. Hieke & Wrase, 1988, p. 23.

R.

2050-2320 m; VI-VII.

Bulgaria.

***Nebria (Alpaeus) hybrida hybrida* Rottenberg, 1874**

Berl. Ent. Zeitschr., 18, p. 326. Loc. typ.: "Rhilo dagh" (= Rila).

Nebria germari hybrida: Apfelbeck, 1904, p. 58. Bänninger, 1925, p. 266. Hieke & Wrase, 1988, p. 23.

Nebria germari var. *hybrida*: Nedelkov, 1909 a, p. 6. Rambousek, 1912, p. 67. Horvatovich, 1973, p. 279.

R, (?) SPM (below Peak Botev - Drensky, 1934, p. 114).

2300-2900 m; VII-VIII.

Bulgaria.

***Nebria (Alpaeus) hybrida pirinensis* Horvatovich, 1973**

Acta zool. Acad. Sci. Hung., 19 (3-4), p. 280. Loc. typ.: "Pirin".

Nebria germari hybrida: Hieke & Wrase, 1988, p. 23.

P.

1950-2900 m; IV, VI-VIII.

Bulgaria.

***Nebria (Alpaeus) hybrida rhodopensis* Horvatovich, 1973**

Acta zool. Acad. Sci. Hung., 19 (3-4), p. 280. Loc. typ.: "Rhodope".

Nebria germari hybrida: Bänninger, 1925, p. 266. Hieke & Wrase, 1988, p. 23.

RD.

Bulgaria.

Genus **Leistus** Frölich, 1799

Naturf. Halle, 28, p. 1.. Type-species: *Carabus ferrugineus* Linnaeus, 1758

Subgenus **Pogonophorus** Latreille, 1802

Leistus (Pogonophorus) magnicollis Motschulsky, 1865

Bull. Soc. Nat. Moscou, 38, p. 272.

Leistus magnicollis: Apfelbeck, 1904, p. 50. Hieke & Wrase, 1988, p. 21. Guéorguiev, 1992, p. 62.

SP, L, V, SG, R.

800-1500 m; VI-VII.

Balkan Peninsula.

Leistus (Pogonophorus) spinibarbis rufipes Chaudoir, 1843

Bull. Soc. Nat. Moscou, 16 (4), p. 749.

Leistus spinibarbis rufipes: Apfelbeck, 1904, p. 49. Hieke & Wrase, 1988, p. 21. Vassilev & Necheva, 1989, p. 50.

Leistus spinibarbis var. *rufipes*: Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 6. Rambousek, 1912, p. 67.

Leistus spinibarbis: Drenowski, 1932, p. 25. Vassilev & Marintcheva, 1992, p. 102.

Leistus spinibarbis ab. *rufipes*: Csiki, 1943, p. 214.

SPM, V, SG, T, BSM, SPT, SL, RDW, RDE.

New loc.: SPW (Lakatnik, V.1926 - coll. MS), OP (2000 m, VI.1926 - coll. MS).

200-2300 m; II, V-XI.

Italy, Balkan Peninsula, Asia Minor, Cyprus.

Leistus (Pogonophorus) parvicollis Chaudoir, 1869

Rev. Mag. Zool. (2), 21, p. 64.

Leistus parvicollis: Apfelbeck, 1904, p. 50. Guéorguiev, 1992, p. 62.

Leistus montanus: Bänninger, 1925, p. 333.

S, P, RD.

200-1800 m; V-VII.

Italy, Balkan Peninsula.

Leistus (Pogonophorus) rufomarginatus Duftschmid, 1812

Fauna Austr., 2, p. 54.

Leistus rufomarginatus: Hieke & Wrase, 1988, p. 21. Guéorguiev, 1992, p. 62. Vassilev, 1992, p. 26.

SPM, V, SG, S, SPT, R, RDW.

300-1400 m; V.

Europe, Caucasus.

Subgenus Leistus s. str.

Leistus (Leistus) ferrugineus (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 415 (*Carabus*).

Leistus ferrugineus: Apfelbeck, 1904, p. 51. Ioakimov, 1904, p. 6. Rambousek, 1912, p. 66. Hieke & Wrase, 1988, p. 22. Vassilev & Necheva, 1989, p. 50. Hurka, 1990, p. 351.

PR, SPM, SPE, WB, V, R, RDW.

200-2400 m; V-IX.

Europe, Caucasus, Siberia.

Leistus (Leistus) fulvibarbis Dejean, 1826

Spec. gén. Col., 2, p. 215.

Leistus fulvibarbis: Hieke & Wrase, 1988, p. 21.

SPT.

New loc.: SPE (Rakovskovo, VI.1988 - coll. R. Radev).

VI.

Europe, Asia Minor, North Africa.

SUBFAMILIA NOTIOPHILINAE

TRIBUS NOTIOPHILINI

Genus Notiophilus Dumeril, 1806

Zool. Anal., p. 194. Type-species: *Cicindela aquatica* Linnaeus, 1758.

Notiophilus interstitialis Reitter, 1889

Dtsch. Ent. Zeitschr., p. 251.

Notiophilus interstitialis (sic!): Apfelbeck, 1904, p. 61.

Notiophilus interstitialis: Hieke & Wrase, 1988, p. 24. Guéorguiev, 1992, p. 92.

SP, S, SPT, BSS.

New loc.: SL (VI.1938 - coll. MP).

0-1000 m; V-VI.

Balkan Peninsula, Asia Minor, Syria.

Notiophilus aestuans Motschulsky, 1864

Bull. Soc. Nat. Mosc., 37, p. 164.

Notiophilus pusillus: Apfelbeck, 1904, p. 61. Rambousek, 1912, p. 67. Hieke & Wrase, 1988, p. 24.

SPM, BSM, BSS.

0-1000 m.

Europe, Asia Minor, Caucasus, Syria, Iran.

Notiophilus aquaticus (Linnaeus, 1758)

Sys. Nat., ed. 10, p. 408 (*Cicindela*).

Notiophilus aquaticus: Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 67. Guéorguiev, 1988, p. 75; 1990, p. 135 Hieke & Wrase, 1988, p. 24..

SPM, WB, V, T, R, P, RDW.

New loc.: SPW (Botevgradski prohod, 900 m, VI.1919 - coll. MS).

600-2500 m; IV-X.

Europe, Asia Minor, Caucasus, Iran, Siberia, Far East of Russia, Sakhalin, North America.

Notiophilus palustris (Duftschmid, 1812)

Fauna Austr., 2, p. 192 (*Elaphrus*).

Notiophilus palustris: Apfelbeck, 1904, p. 62. Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 67. Drensky, 1934, p. 114. Drenowski, 1937, p. 10. Hieke & Wrase, 1988, p. 24.

D, SPM, WB, SG, T, SPT, R, P, RDW, BSS.

50-2400 m; IV-VII.

Europe, Asia Minor, Siberia.

Notiophilus germinyi Fauvel, 1863

Cat. Grenier, Matér., 1, p.1.

Notiophilus hypocrita: Apfelbeck, 1904, p. 62. Hieke & Wrase, 1988, p. 24. Vassilev & Necheva, 1989, p. 50.

Notiophilus germinyi: Guéorguiev, 1992, p. 62.

SPM, SPT, P, RDW.

250-1800 m; VI-VIII.

Europe.

Notiophilus laticollis Chaudoir, 1850

Bull. Soc. Nat. Mosc., 23 (4), p. 162.

Notiophilus laticollis: Apfelbeck, 1904, p. 63. Netolitzky, 1912, p. 158. Hieke & Wräse, 1988, p. 24.

SP, WB (Sofia).

Central and East Europe, Balkan Peninsula.

Notiophilus substriatus Waterhouse, 1833

Ent. Mag., 1, p. 211.

Notiophilus substriatus: Apfelbeck, 1904, p. 63. Rambousek, 1912, p. 68. Hieke & Wräse, 1988, p. 25. Guéorguiev, 1992, p. 62.

SPM, T, B, SPT, RDW, BSS.

New loc.: S (Malko Tarnovo, V.1939 - coll. MP).

0-1000 m; V-VI.

West, Central and South Europe, ? Asia Minor, ? Caucasus, ? Syria, ? Morocco.

Notiophilus danieli Reitter, 1897

Ent. Nachr., 23, p. 364.

Notiophilus danieli: Hieke & Wräse, 1988, p. 25.

BSS (Ropotamo).

South-East Europe, Asia Minor, Near East.

Notiophilus rufipes Curtis, 1829

Brit. Ent., 6, p. 254.

Notiophilus rufipes: Apfelbeck, 1904, p. 64. Ioakimov, 1904, p. 6. Markovitch, 1909, p. 4. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 68. Hieke & Wräse, 1988, p. 25.

D, SPM, SPE, WB, K, SPT, R, RDW, BSN, BSS.

New loc.: SG (Germanski manastir, VII.1911 - coll. MS).

0-2000 m; III-VII.

Central and South Europe, Asia Minor, Caucasus.

Notiophilus biguttatus (Fabricius, 1779)

Reise Norw., p. 222 (*Elaphrus*).

Notiophilus biguttatus: Apfelbeck, 1904, p. 64. Nedelkov, 1909a, p. 7. Rambousek, 1912, p. 68.

Drenowski, 1937, p. 10. Hieke & Wräse, 1988, p. 25.

Notiophilus bipunctatus: Ioakimov, 1904, p. 6.

SPM, WB, SG, R, P, SL, RDW, BSN.

New loc.: SPW (Peak Yavoritsa, III.1925 and Lakatnik, V.1926 - coll. MS; Petrohanski prohod, 1300-1400 m, VI.1961 - coll. auct.), V (Dragalevtsi, V.1912 - coll. MS), T (Stara Zagora, V.1912 - coll. MS).

0-2500 m; III, V-VIII.

Europe, Caucasus, North Africa (Libya).

SUBFAMILIA ELAPHRINAE

TRIBUS ELAPHRINI

Genus **Elaphrus** Fabricius, 1775

Syst. Ent., 1, p. 78. Type-species: *Cicindela riparius* Linnaeus, 1758

Subgenus **Elaphrus** s. str.

Elaphrus (Elaphrus) riparius (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 407 (*Cicindela*).

Elaphrus riparius: Angelov, 1960, p. 21. Hieke & Wräse, 1988, p. 26.

D, PO, T, RDW.

Europe, Asia Minor, Caucasus, Central Asia, Siberia, North Mongolia, Far East, Sakhalin, Korean Peninsula, Japan, Alaska, Canada.

Subgenus **Elaphroterus** Semenov, 1895

Elaphrus (Elaphroterus) aureus Ph. Müller, 1821

Germ. Mag. Ent., 4, p. 229.

Elaphrus aureus: Apfelbeck, 1904, p. 66. Ioakimov, 1904, p. 6. Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 68. Hieke & Wräse, 1988, p. 26.

D, SP, WB, K, T, SPT.

New loc.: M (Gotse Delchev, VI.1960, 1 ex.- coll. auct.).

200-800 m; IV-VIII.

Central and South-East Europe, North Italy.

Subgenus **Neaelaphrus** Hatch, 1951

Elaphrus (Neaelaphrus) uliginosus Fabricius, 1775

Syst. Ent., 1, p. 78.

Elaphrus uliginosus var. *purkynei* Obenberger, 1917, Arch. Naturg. (A), 82 (4), p. 82. Loc. typ.: "Cepelare" (= Chepelare).

Elaphrus uliginosus: Ioakimov, 1899, p. 762; 1904, p. 6. Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 68. Hieke & Wräse, 1988, p. 26.

D, SPW, WB, T, R, RDW.

200-1300 m; IV-V.

Europe (except North Europe and Iberian Peninsula), Asia Minor, Caucasus, Iran, Central Asia, Siberia.

SUBFAMILIA LORICERINAE

TRIBUS LORICERINI

Genus **Loricera** Latreille, 1802

Hist. Nat. Crust. Ins., 3, p. 88. Type-species: *Carabus pilicornis* Fabricius, 1775.

Loricera pilicornis (Fabricius, 1775)

Syst. Ent., p. 243 (*Carabus*).

Loricera pilicornis: Hieke & Wräse, 1988, p. 26. Vassilev, 1988, p. 85.

R, RDW.

New loc.: V (800-1000 m, V.1993 - coll. auct.)

700-1300 m; V, VIII, X.

Europe, Iran, Siberia, Mongolia, Far East of Russia, Sakhalin, Japan (Hokkaido), North America.

SUBFAMILIA SIAGONINAE

TRIBUS SIAGONINI

Genus **Siagona** Latreille, 1804

Nouv. Dict. Hist. Nat., 24, p. 141. Type-species: *Cucujus rufipes* Fabricius, 1792.

Siagona europaea Dejean, 1826

Spec. gén. Col., 2, p. 468.

Siagona europaea: Hieke & Wrase, 1988, p. 27.

SPT (Rupite).

200 m; VII

South Europe, Asia Minor, Iraq, Iran, Central Asia, North India, North Africa down to Sudan and Senegal in the south.

SUBFAMILIA SCARITINAE

TRIBUS SCARITINI

Genus **Scarites** Fabricius, 1775

Syst. Ent., p. 249. Type-species: *Scarites subterraneus* Fabricius, 1775

Subgenus **Parallelomorphus** Motschulsky, 1849**Scarites (Parallelomorphus) terricola** Bonnelli, 1813

Mem. Acad. Turin., 20, p. 471.

Scarites terricola: Apfelbeck, 1904, p. 67. Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 68.

Panin, 1941, p. 546. Drensky, 1942, p. 33. Karnoschitzky, 1950, p. 18. Caspers, 1952, p. 257. Muche, 1965, p. 74. Hieke & Wrase, 1988, p. 27.

Scarites arenarius: Ioakimov, 1904, p. 6.

D, WB, T, B, SPT, RDW, BSN, BSS.

New loc.: SPE (Sliven - coll. MS), PO (Kazanlik, VI.1963 - coll. K. Hurka).

0-1100 m; IV-X.

Hungary, South and South-East Europe, Asia Minor, Caucasus, Iran, North Afghanistan, North India, Mongolia, China, North Africa (Libya).

NOTE: According to Lafer (1989: 130), the subsp. *coreanus* Kolbe occurs in the Far East of Russia, Korean Peninsula and Japan.

Scarites (Parallelomorphus) laevigatus Fabricius, 1792

Spec. Ins., 1, p. 304.

Scarites laevigatus: Frivaldszky, 1845, p. 166. Apfelbeck, 1904, p. 67.

Rambousek, 1912, p. 69. Hieke & Wrase, 1988, p. 27.

SPE (Sliven), BSN, BSS.

0-1000 m; VI-VII.

South Europe, Asia Minor, Caucasus, North Africa.

TRIBUS CLIVININI

Genus **Clivina** Latreille, 1802

Hist. Nat. Crust. Ins., 3, p. 96. Type-species: *Tenebrio fossor* Linnaeus, 1758.

Clivina fossor (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 417 (*Tenebrio*).

Clivina fossor: Apfelbeck, 1904, p. 68. Ioakimov, 1904, p. 7. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 69. Hieke & Wräse, 1988, p. 27. Vassilev & Necheva, 1989, p. 50.

D, SPM, SPE, WB, V, SG, T, BSM, SPT, R, RDW, BSS.

New loc.: P (V-VI.1929 - coll. MP), RDE (Rani list, V.1909 - coll. MP), BSN (Balchik, VII.1961 - coll. MP).

0-1500 m; III-VIII.

Europe, Asia Minor, Caucasus, Transcaspia and Turkestan, Kazakhstan, Siberia, Far East, Sakhalin, North-East China, North America (introduced).

Clivina collaris (Herbst, 1784)

Arch. Insectengesch., 5, p. 141 (*Scarites*).

Clivina collaris: Apfelbeck, 1904, p. 68. Markovitch, 1909, p. 4. Netolitzky 1912, p. 158. Rambousek, 1912, p. 69. Panin, 1941, p. 546. Hieke & Wräse, 1988, p. 28.

D, SPM, WB, PO, SPT, RDW, BSN, BSS.

New loc.: V (Vladaya, IV.1909 and 1200 m, V.1929 - coll. MS), P (V-VI.1929 - coll. MP).

0-1400 m; III-VIII.

Central and South Europe, Asia Minor, Caucasus, Transcaspia, Turkestan, Kazakhstan, North America.

Clivina ypsilon Dejean, 1829

in: Dejean & Boisduval, Iconogr. Col. Eur., 1, p. 217.

Clivina ypsilon: Rambousek, 1912, p. 69. Drensky, 1942, p. 33. Karnoschitzky, 1950, p. 18. Muche, 1965, p. 74. Palm, 1966, p. 20. Hieke & Wräse, 1988, p. 28.

SPT, BSN, BSS.

0-400 m; III-VII.

Central and South Europe, Asia Minor, Caucasus, Near East, Central Asia to Mongolia, ? Algeria.

Clivina laevifrons Chaudoir, 1842

Bull. Soc. Nat. Mosc., 15 (4), p. 814.

Clivina laevifrons: Rambousek, 1912, p. 69. Hieke & Wrase, 1988, p. 28.

SPE, T, SPT, BSS.

0-300 m; III.

Balkan Peninsula, Asia Minor, Caucasus, Cyprus, Syria, Iran, Egypt.

Genus *Dyschirius* Bonelli, 1809

Obs. Ent., Tab. Synopt. Type-species: *Scarites thoracicus* Panzer, 1813 (= *Dyschirius arenosus* Stephens, 1827).

NOTE: The list of synonymies in this genus is given according to Dr. D. Fedorenko (personal communication).

Subgenus *Dyschirius* s. str.***Dyschirius (Dyschirius) caspius* Putzeys, 1866**

Ann. Soc. ent. Belg., 10, p. 78.

Dyschirius caspius: Apfelbeck, 1904, p. 70. Rambousek, 1912, p. 69. J. Müller, 1922, p. 56. Guéorguiev, 1992, p. 62.

Dyschirius numidicus: Apfelbeck, 1904, p. 70. Rambousek, 1912, p. 69. J. Müller, 1922, p. 58. Panin, 1941, p. 546. Karnoschitzky, 1950, p. 19. Hieke & Wrase, 1988, p. 29.

Dyschirius thoracicus: Nedelkov, 1909 a, p. 7.

Dyschirius fulgidus: Hieke & Wrase, 1988, p. 29.

Dyschirius ponticus: Hieke & Wrase, 1988, p. 29. Wrase, 1991, p. 5.

BSN, BSS.

0-100 m; V-VIII.

Romania, South Europe, Asia Minor, Syria, Transcaucasia, Afghanistan, Siberia to Mongolia and Altai.

***Dyschirius (Dyschirius) latipennis* Seidlitz, 1867**

Verh. Mitt. Siebenbürg. Ver. Naturw. Hermannst., 18, p. 44.

Dyschirius latipennis: Apfelbeck, 1904, p. 70. Netolitzky, 1912, p. 158. J. Müller, 1922, p. 59. Hieke & Wrase, 1988, p. 29. Guéorguiev, 1989, p. 83; 1992, p. 62.

SPW, WB, T, SPT, P.

New loc.: PR (Karlukovo, VII.1976 - coll. K. Hurka).

200-1000 m; V-VII.

Pannonian Plain, Balkan Peninsula.

Dyschirius (Dyschirius) angustatus (Ahrens, 1830)

Ent. Arch., 2, p. 60 (*Clivina*).

Dyschirius angustatus: Rambousek, 1912, p. 69. Hieke & Wrase, 1988, p. 32.

SPM, SPT.

North and Central Europe (common), West and South-East Europe (rare).

Subgenus Dyschiriodes Jeannel, 1941

Dyschirius (Dyschiriodes) globosus (Herbst, 1783)

Arch. Insekten gesch., 5, p. 142 (*Carabus*).

Dyschirius globosus: Apfelbeck, 1904, p. 74. Rambousek, 1912, p. 70. Hieke & Wrase, 1988, p. 33. Wrase, 1991, p. 5.

SP, V, ST, BSN.

0-1000 m.

Europe, Caucasus, Central Asia, Siberia, Mongolia, North-East and East China, Korean Peninsula, Far East of Russia, Sakhalin, Japan, North Africa.

Dyschirius (Dyschiriodes) importunus Schaum, 1857

Naturg. Ins. Dtschl., 1, p. 201.

Dyschirius rufipes: Ioakimov, 1904, p. 7.

Dyschirius importunus: Hieke & Wrase, 1988, p. 33.

SPE, WB(?), BSS.

0-600 m; III.

South Europe (littoral zone), Asia Minor, Syria, Israel, North Africa (littoral zone).

Dyschirius (Dyschiriodes) morio Putzeys, 1866

Ann. Soc. ent. Belg., 10, p. 35, 52.

Dyschirius simulator: Hieke & Wrase, 1988, p. 32. Guéorguiev, 1992, p. 63.

SPT.

New loc.: P (V-VI.1929 - coll. MP).

200-1400 m; V-VII.

Balkan Peninsula (Albania, Bulgaria), Caucasus.

Dyschirius (Dyschiriodes) strumosus Erichson, 1837

Käf. Mark. Brandenb., 1, p. 38.

Dyschirius strumosus: Hieke & Wrase, 1988, p. 30. Wrase, 1991, p. 4.

BSS (Slanchev bryag, Pomorie).

Poland, South and South-East Europe, Asia Minor, Iran, South-West Africa.

Dyschirius (Dyschiriodes) extensus Putzeys, 1846

Mém. Soc. Sci. Liège, 2, p. 46.

Dyschirius extensus: Wrase, 1991, p. 4.

BSS (Pomorie).

Great Britain, Central and South Europe, Kazakhstan, Algeria.

Dyschirius (Dyschiriodes) aeneus (Dejean, 1825)

Spec. gén. Col., 1, p. 423 (*Clivina*).

Dyschirius aeneus: Apfelbeck, 1904, p. 72. Hieke & Wrase, 1988, p. 31. Vassilev, 1992, p. 25.

D, PR, SPW, SPE, WB, PO, SPT, BSS.

0-800 m; V-VII.

Europe, Siberia.

Dyschirius (Dyschiriodes) apicalis Putzeys, 1846

Mém. Soc. Sci. Liège, 2, p. 556.

Dyschirius apicalis: Rambousek, 1912, p. 70. Karnoschitzky, 1950, p. 20. Hieke & Wrase, 1988, p. 31.

SPE, SPT, BSN, BSS.

0-300 m; III-VII.

South Europe.

Dyschirius (Dyschiriodes) tristis Stephens, 1827

Illustr. Ent. Mand., 1, p. 43.

New to Bulgaria: BSS (Primorsko, VI.1968 - coll. R. Rous - Prague, sub *D. luedersi* Wagner).

Europe, European part of Russia, South Siberia, Kazakhstan, Far East of Russia, North-East China, Korean Peninsula, Japan.

Dyschirius (Dyschiriodes) intermedius Putzeys, 1846

Mém. Soc. Sci. Liège, 2, p. 550.

Dyschirius intermedius: Messner, 1964, p. 277. Hieke & Wrase, 1988, p. 31. Guéorguiev, 1992, p. 63.

SPT, P.

200-1000 m; V-VI.

Europe.

Dyschirius (Dyschiriodes) chalybaeus gibbifrons Apfelbeck, 1899

Ent. Nachr., 25, p. 290.

Dyschirius gibbifrons: Apfelbeck, 1899, p. 290; 1904, p. 72. Rambousek, 1912, p. 70.

Dyschirius chalybaeus gibbifrons: J. Müller, 1922, p. 74. Hieke & Wräse, 1988, p. 31.

SPE, T, ST, BSN, BSS.

0-300 m; VI-VIII.

Hungary, Romania, Moldavia, South Ukraine, South Russia, Balkan Peninsula, Asia Minor, Caucasus, Turkmenia.

Dyschirius (Dyschiriodes) salinus striatopunctatus Putzeys, 1846

Mém. Soc. Sci. Liège, 2, p. 553.

Dyschirius salinus simplicifrons Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 72.

Loc. typ.: "Burgas".

Dyschirius salinus: Nedelkov, 1909 a, p. 7. Rambousek, 1912, p. 70. J. Müller, 1922, p. 72.

Hieke & Wräse, 1988, p. 30. Guéorguiev, 1992, p. 63.

BSN, BSS.

0-100 m; IV-VII.

Italy, Balkan Peninsula, Asia Minor, Syria, Central Asia, Siberia, Mongolia, ? North China.

Dyschirius (Dyschiriodes) parallelus ruficornis Putzeys, 1846

Mém. Soc. Sci. Liège, 2, p. 553.

Dyschirius ruficornis: Messner, 1964, p. 277. Hieke & Wräse, 1988, p. 31. Guéorguiev, 1989, p. 83.

Dyschirius parallelus: Guéorguiev, 1992, p. 63.

SPT, P.

200-1000 m; V-VII.

Central, South and South-East Europe, Caucasus, North Africa.

Dyschirius (Dyschiriodes) substriatus priscus J. Müller, 1922

Kol. Rundsch., 10, p. 79.

Dyschirius substriatus: Rambousek, 1912, p. 70. Messner, 1964, p. 277.

Dyschirius substriatus priscus: Hieke & Wräse, 1988, p. 32. Guéorguiev, 1989, p. 83; 1992, p. 63.

WB, SPT, P.

200-1000 m; V-VII.

Romania, Balkan Peninsula.

Dyschirius (Dyschiriodes) nitidus (Dejean, 1825)

Spec. gén. Col., 1, p. 421 (*Clivina*).

Dyschirius nitidus: Apfelbeck, 1904, p. 70. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 69. Messner, 1964, p. 277. Hieke & Wräse, 1988, p. 29.

D (Lom), SPE, WB, PO, T, ST, SPT.

New loc.: P (V-VI.1929 - coll. MP).

100-1500 m; III-VI.

Central and South Europe, Asia Minor, Caucasus, Kazakhstan, Siberia, North Mongolia, Far East of Russia, East China, Algeria.

NOTE: According to Fedorenko (1992: 96, 97), the subsp. *chivensis* Fedor. occurs in Central Asia and Turkmenistan.

Dyschirius (Dyschiriodes) agnatus Motschulsky, 1844

Ins. Sibér., p. 79.

Dyschirius makolskii: Hieke & Wräse, 1988, p. 30.

Dyschirius lucidus obenbergeri: Hieke & Wräse, 1988, p. 30.

Dyschirius agnatus: Guéorguiev, 1992, p. 62.

D, SPM, S, SPT, RDE.

New loc.: PR (Karlukovo, VII.1976 - coll. K. Hurka).

V-VII.

Central and South Europe, Asia Minor, Caucasus, Iraq.

Dyschirius (Dyschiriodes) politus (Dejean, 1825)

Spec. gén. Col., 1, p. 422 (*Clivina*).

Dyschirius politus: Rambousek, 1912, p. 69. Guéorguiev, 1992, p. 62.

Dyschirius nitidus: Hieke & Wräse, 1988, p. 29, nota.

WB, T (Pazardzhik), BSS (Primorsko).

0-800 m; VI.

Central and South Europe, North Caucasus, Central Asia, Siberia to the Magadan region in the east, North Mongolia, North America.

Dyschirius (Dyschiriodes) chalceus Erichson, 1837

Käf. Mark. Brandenb., 1, p. 38.

Dyschirius chalceus: Apfelbeck, 1904, p. 70. Rambousek, 1912, p. 69. J. Müller, 1922, p. 69. Karnoschitzky, 1950, p. 19. Hieke & Wräse, 1988, p. 30. Vassilev, 1988, p. 85. Wräse, 1991, p. 4. Guéorguiev, 1992, p. 63.

WB, MPO (Gorna Breznitsa), BSN, BSS.

0-900 m; IV-VII.

Central, South and South-East Europe, Asia Minor, Caucasus, Afghanistan, Central Asia, Siberia, Taiwan.

Dyschirius (Dyschiriodes) cylindricus transsylvanicus Fleischer, 1905

Wien. Ent. Ztg., 24, p. 49.

Dyschirius cylindricus: Apfelbeck, 1904, p. 71. Rambousek, 1912, p. 69. J. Müller, 1922, p. 98. Karnoschitzky, 1950, p. 20. Hieke & Wrase, 1988, p. 33.

Dyschirius cylindricus transsylvanicus: Wrase, 1991, p. 4.

BSN, BSS.

0-100 m; III, VI-VII.

Romania, Balkan Peninsula, Crimea, ? Central Asia.

Dyschirius (Dyschiriodes) macroderus Chaudoir, 1850

Bull. Soc. Nat. Mosc., 23 (3), p. 202.

Dyschirius macroderus protensus: Hieke & Wrase, 1988, p. 33.

Dyschirius macroderus: Wrase, 1991, p. 4.

BSS (Slanchev bryag, Burgas).

VI.

South Europe, Ukraine, Cyprus, Kazakhstan, Kirghizia, Turkmenia.

Dyschirius (Dyschiriodes) laeviusculus Putzeys, 1846

Mém. Soc. R. Sci. Liège, 2, p. 547.

Dyschirius laeviusculus: Hieke & Wrase, 1988, p. 32. Guéorguiev, 1992, p. 63.

SPT, BSN (Varna).

0-500 m; VI.

West, Central and East Europe, Italy, South-East Europe, Asia Minor, North Caucasus.

Dyschirius (Dyschiriodes) luticola Chaudoir, 1850

Bull. Soc. Nat. Mosc., 23 (3), p. 196.

Dyschirius luticola: Rambousek, 1912, p. 70. Hieke & Wrase, 1988, p. 32.

BSN, BSS.

III-VII.

Austria, South Europe (Sicily, Italy), South-East Europe, South Ukraine, South Russia, Asia Minor, East Transcaucasia (Azerbaijan), southern West Siberia.

Dyschirius (Dyschiriodes) pusillus (Dejean, 1825)

Spec. gén. Col., 1, p. 425 (*Clivina*).

Dyschirius pusillus: Lemos-Pereira, 1983, p. 24. Hieke & Wräse, 1988, p. 33.

WB (Sofia), BSN (Beloslav - Varna).

Hungary, Romania, Bulgaria, South Ukraine, Russia, Ciscaucasia, East Transcaucasia, Kazakhstan, Asia Minor, Syria, Iran, Central Asia, China, Mongolia.

Dyschirius (Dyschiriodes) minutus albanicus J. Müller, 1922

Kol. Rundsch., 10, p. 83.

Dyschirius punctatus: Guéorguiev, 1992, p. 63.

SPT (Sandanski).

New loc.: BSS (Pomorie, VI.1968 - coll. R. Rous, sub *D. punctatus*).

VI.

Balkan Peninsula (Albania, Bulgaria).

SUBFAMILIA BROSCINAE

TRIBUS BROSCINI

Genus **Broscus** Panzer, 1813

Index Ent., p. 62. Type-species: *Carabus cephalotes* Linnaeus, 1758

Broscus nobilis (Dejean, 1828)

Spec. gén. Col., 3, p. 432 (*Cephalotes*).

New to Bulgaria: BSS (Sinemorets, 4.V.1988, 1 ex., R. Radev - coll. auct.).

Greece, Bulgaria, Asia Minor, Cyprus, Syria.

Broscus cephalotes cephalotes (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 414 (*Carabus*).

Broscus cephalotes: Hieke & Wräse, 1988, p. 33. Vassilev, 1988, p. 88.

SPT, R, P, RDW.

New loc.: WB (Pancharevo, VII.1940 - coll. MS).

300-1000 m; III-VII.

Europe, Caucasus, West Siberia, Turkmenia, Turkestan.

Broscus cephalotes semistriatus (Dejean, 1828)

Spec. gén. Col., 3, p. 429 (*Cephalotes*).

Broscus cephalotes semistriatus: Hieke & Wrase, 1988, p. 34.

BSS.

Around the Black Sea coast: South Ukraine, South-East Romania, East Bulgaria, northern Asia Minor.

TRIBUS APOTOMINI

Genus Apotomus Illiger, 1807

Mag. Insektenk., 6, p. 348. Type-species: *Scarites rufus* Rossi, 1790

Apotomus testaceus Dejean, 1825

Spec. gén. Col., 1, p. 451.

Apotomus testaceus: Guéorguiev, 1992, p. 63.

BSS (Maslen nos, VI., 1 ex.).

Bulgaria, South Russia, Crimea, Asia Minor, Transcaucasia, Iraq, Central Asia, Afghanistan.

Apotomus rufus (Rossi, 1790)

Fauna Etrusca, 1, p. 229 (*Scarites*).

Apotomus rufus: Vassilev & Necheva, 1989, p. 50. Guéorguiev, 1992, p. 63.

RDE (Hut Arda), BSS (Ahtopol).

0-400 m; VII-IX.

Mediterranean region, Madeira, Sudan.

Apotomus clypeonitens adanensis Jedlicka, 1961

Acta ent. Mus. Praha, 34, p. 155.

Apotomus clypeonitens adanensis: Wrase, 1991, p. 5; 1992, p. 85.

BSN (Byala - Varna), BSS (Sozopol, Ahtopol).

Italy, Bulgaria, Asia Minor, Transcaspia, Georgia, Algeria, Tunisia.

SUBFAMILIA TRECHINAE

TRIBUS TRECHINI

Genus **Thalassophilus** Wollaston, 1854

Ins. Mader., p. 71. Type-species: *Thalassophilus whitei* Wollaston, 1854

***Thalassophilus longicornis* (Sturm, 1825)**

Dtschl. Ins., 6, p. 83 (*Trechus*).

Thalassophilus longicornis: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 76. Jeannel, 1926, p. 518. Hieke & Wräse, 1988, p. 34.

SPM, PO, SPT.

300-1200 m; IV-V.

Europe, Asia Minor, Caucasus.

Genus **Pèrileptus** Schaum, 1860

Naturg. Ins. Deutschl., 1, p. 663. Type-species: *Carabus areolatus* Creutzer, 1799.

***Perileptus areolatus* (Creutzer, 1799)**

Ent. Vers., p. 115 (*Carabus*).

Perileptus areolatus: Apfelbeck, 1904, p. 125. Ioakimov, 1904, p. 11. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 76. Hieke & Wräse, 1988, p. 34.

PR, SPM, WB, K, PO, SG, S, SPT, R, RDW, RDE, BSS.

New loc.: V (Boyanski vodopad, V.1909 - coll. MS and V.1939 - coll. MP), P (V-VI.1929 and Banderitsa, 1800 m, V.1938 - coll. MP).

0-1800 m; V-VII.

Europe, Asia Minor, Caucasus, West Siberia, Kazakhstan, North Africa.

Genus **Lasiotrechus** Ganglbauer, 1892

Käferfauna Mitteleuropa, 1, p. 191. Type-species: *Carabus discus* Fabricius, 1801.

***Lasiotrechus discus* (Fabricius, 1801)**

Syst. Eleuth., 1, p. 207 (*Carabus*).

Lasiotrechus discus: Hieke & Wräse, 1988, p. 34.

SPT (Sandanski, Rupite).

Europe (except Iberian Peninsula), Caucasus, Kazakhstan, North-East China, northern Korea, Japan, USA (introduced).

NOTE: According to Lafer (1989: 138), the subsp. *alexandrovi* Lutshn. occurs in the Far East of Russia.

Genus **Trechus** Clairville, 1806

Entom. Helv., 2, p. 22. Type-species: *Carabus rubens* Fabricius, 1801.

Trechus quadristriatus (Schrank, 1781)

Enum. Ins. Austr., p. 218 (*Carabus*).

Trechus quadristriatus: Apfelbeck, 1904, p. 129. Ioakimov, 1904, p. 10. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 76. Jeannel, 1927, p. 300. Panin, 1941, p. 546. Guéorguiev & Beron, 1962, p. 327. Beron, 1972, p. 312. Pawłowski, 1973, p. 224. Perrault, 1978, p. 248. Hieke & Wräse, 1988, p. 35. Beron, 1994, p. 45.

D, PR, SPW, SPM, SPE, WB, V, PO, SG, T, ST, S, B, BSM, SPT, R, P, M, RDW, RDE, BSN, BSS.

New loc.: K (Golo bardo, V.1993 - coll. auct.), SL (VI.1938 - coll. MP).

0-1900 m; III-XI.

Europe, Asia Minor, Near East, West and Central Asia, North Africa.

Trechus obtusus obtusus Erichson, 1837

Käf. Mark Brandenb., 1, p. 122.

Trechus obtusus: Perrault, 1978, p. 248. Moravec, 1986, p. 357. Guéorguiev, 1988, p. 75. Hieke & Wräse, 1988, p. 35.

V, SPT (Gara Pirin), R, P.

1000-2100 m; VII-VIII.

West, Central and South Europe, Asia Minor, North Africa, North America (introduced).

Trechus obtusus thracicus Pawłowski, 1973

Acta zool. cracov., 18 (10), p. 227. Loc. typ.: "Krushevets - Strandzha".

Trechus obtusus: Beron, 1972, p. 312.

Trechus obtusus thracicus: Pawłowski, 1973, p. 227.

ST (Mramor, cave "Bozkite"), S (Vizica, Krushevets).

0-300 m; VII-VIII.

Bulgaria, Asia Minor.

Trechus austriacus Dejean, 1831

Spec. gén. Col., 5, p. 15.

Trechus austriacus: Beron, 1972, p. 312. Wrase, 1991, p. 6.

D (Cave "Orlova chuka" near Pepelina), BSS (Sozopol).

0-200 m; IV.

Central Europe, Romania, Italy, Balkan Peninsula, Asia Minor, Syria.

Trechus crucifer Brulerie, 1875

Ann. Soc. ent. Fr., (5) 5, p. 434.

Trechus crucifer: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 76. Jeannel, 1927, p. 421.

Guéorguiev & Beron, 1962, p. 327. Beron, 1972, p. 312. Pawłowski, 1973, p. 230.

SPM, SPE, S, RDW, BSS.

New loc.: V (Aleko, 2000 m, X.1970 and Cherni vrah, 2290, IX.1971 - coll. auct.).

0-2290 m; IV-X.

Balkan Peninsula, Asia Minor, Near East (Syria, Israel, Jordan).

Trechus subnotatus Dejean, 1831

Spec. gén. Col., 5, p. 18.

Trechus subnotatus: Netolitzky, 1912, p. 158. Jeannel, 1927, p. 446. Beron, 1972, p. 312.

Pawłowski, 1973, p. 232. Hieke & Wrase, 1988, p. 36. Hurka, 1990, p. 351.

D, SPM, WB, R, P, RDW.

200-1400 m; V-VII.

Bulgaria, Greece, Albania, Croatia.

Trechus asiaticus Jeannel, 1927

L'Abeille, 33, p. 442.

Trechus subnotatus asiaticus: Maran, 1933 a, p. 90.

Trechus asiaticus: Pawłowski, 1973, p. 273. Wrase, 1991, p. 5.

S, BSS (Sozopol).

0-200 m; VI-VII.

Bulgaria, Turkey, Lebanon.

Trechus cardioderus balcanicus Jeannel, 1927

L'Abeille, 33, p. 452.

Trechus palpalis: Ioakimov, 1904, p. 10.

Trechus subnotatus var. *cardioderus*: Rambousek, 1912, p. 76.

Trechus subnotatus cardioderus: Drenowski, 1942, p. 8.

Trechus cardioderus pilisensis: Guéorguiev & Beron, 1962, p. 327. Beron, 1994, p.45.

Trechus cardioderus balcanicus: Beron, 1972, p. 313; 1994, p.45.

Trechus cardioderus: Hieke & Wräse, 1988, p. 36.

D, SPW, SPM, SPE, L, V, ST, VL, SPT, R, RDW, BSS.

300-2000 m; II-XI.

Croatia, Bosnia and Herzegovina, Serbia, Bulgaria.

Trechus cardioderus golesnicensis Apfelbeck, 1918

Akad. Wiss. Wien Ak. Anz. (1916), 6, p. 2.

Trechus cardioderus golesnicensis: Maran, 1933 a, p. 90; 1939, p. 143.

P.

VII.

Macedonia, Bulgaria.

NOTE: It is possible that the specimens from Pirin (cf. Maran, 1933 a; 1939) belong to *Trechus cardioderus balcanicus* Jeannel, 1927

Trechus rhilensis Kaufmann, 1884

Wien. Ent. Ztg., 3, p. 145. Loc. typ.: "Rhilo Dagh" (= Rila).

Trechus rhilensis moesiacus Jeannel, 1921, Bul. Soc. Sci. Cluj, 1, p. 163. Loc. typ.: "monts Rhodope" (= Rila).

Trechus rhilensis: Apfelbeck, 1904, p. 133. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 8. Rambousek, 1912, p. 76. Jeannel, 1927, p. 519. Pawłowski, 1973, p. 234. Perrault, 1978, p. 248. Hieke & Wräse, 1988, p. 36. Guéorguiev, 1990, p. 135.

V (1800-2290 m), R (1100-2900 m); VI-XI.

New loc.: SL (Paril, VIII.1988 - coll. auct.).

Bulgaria.

Trechus gulickai Löbl, 1967

Annot. Zool. Bot. Bratisl., 41, p. 1. Loc. typ.: "Pirin-Gebirge, Vichren" (= Pirin - Vihren).

Trechus rambouseki: Jeannel, 1927, p. 524.

Trechus gulickai: Pawłowski, 1973, p. 237. Moravec, 1986, p. 357. Guéorguiev, 1988, p. 75. Hieke & Wräse, 1988, p. 37.

P (2000-2915 m); VI-X.

Bulgaria.

Trechus demircapicus Moravec, 1986

Acta ent. bohemoslov., 83, p. 354. Loc. typ.: Pirin, Demirkapija valley.

Trechus demircapicus: Hieke & Wräse, 1988, p. 37. Wräse, 1991, p. 5.

P (2200-2700 m); VI-VIII.
Bulgaria.

Trechus orphaeus Pawlowski, 1973

Acta zool. cracov., 18 (10), p. 238. Loc. typ.: "Rhodope, Belmeken" (= Rila).
R (Peak Belmeken).
Alpine zone; V.
Bulgaria.

Trechus rambouseki Breit, 1909

Verh. zool.-bot. Ges. Wien, 59, p. 296. Loc. typ.: "Muss-Alla" (= Rila, Musala).
Trechus ferdinandi-coburgi Breit, 1912, Ent. Mitt., 1, p. 199. Loc. typ.: "monts Rhodope, Xuchia Tschan" (= Rila, Suhya Chal).
Trechus rambouseki: Rambousek, 1912, p. 77. Jeannel, 1927, p. 524. Löbl, 1967, p. 1. Pawlowski, 1973, p. 241. Perrault, 1978, p. 249. Moravec, 1986, p. 356. Hieke & Wräse, 1988, p. 37.
Trechus Ferdinandi-coburgi: Jeannel, 1927, p. 523. Löbl, 1967, p. 2.
R (2200-2900 m); VI-IX.
Bulgaria.

Trechus szujeckii Pawlowski, 1972

Bull. Acad. Polon. Sci., (2), 20 (5), p. 309. Loc. typ.: "Rhodopes Occidentales, environs de Goljama Siutka".
Trechus szujeckii: Pawlowski, 1973, p. 244. Perrault, 1978, p. 249. Hieke & Wräse, 1988, p. 37. Wräse, 1991, p. 6.
RDW (1500-2000 m); VI-VIII.
Bulgaria.

Trechus priapus K. Daniel, 1902

Münch. Kol. Zeitschr., 1, p. 64.
Trechus priapus: Apfelbeck, 1904, p. 132. Rambousek, 1912, p. 76. Pawlowski, 1973, p. 248. Hieke & Wräse, 1988, p. 38. Guéorguiev, 1990, p. 135.
SPW, SPM, V, OP, R, RD.
1400-2376 m; VI-VIII.
Croatia, Bosnia and Herzegovina, Macedonia, Serbia, Albania, Bulgaria.

Trechus rhodopeius Jeannel, 1921

Bul. Soc. Sci. Cluj, 1, p. 166. Loc. typ.: "monts Rhodope" (= Rila).
Trechus priapus: Apfelbeck, 1904, p. 132.

Trechus rhodopeius: Jeannel, 1927, p. 539. Pawłowski, 1973, p. 246. Perrault, 1978, p. 249.
Guéorguiev, 1988, p. 75; 1990, p. 135. Hieke & Wrase, 1988, p. 37.

SPM, WB, V, B, R, P, RDW.

1300-2600 m; V-XI.

Bulgaria.

Trechus tristis (Duftschmid, 1812)

Fauna Austr., 2, p. 185 (*Carabus*).

Trechus tristis: Apfelbeck, 1904, p. 129. Pawłowski, 1973, p. 250. Perrault, 1978, p. 249. Hieke & Wrase, 1988, p. 38. Wrase, 1991, p. 6.

Trechus nigrinus: Jeannel, 1927, p. 555.

PR, SPM, S, R (Borovets).

200-1500 m; VII-IX.

Poland, Slovakia, Balkan Peninsula.

Trechus kobingeri bulgaricus Pawłowski, 1972

Bull. Acad. Polon. Sci., (2), 10 (12), p. 877. Loc. typ.: "Osogovska Planina".

Trechus kobingeri: Drenowski, 1942, p. 9.

Trechus kobingeri bulgaricus: Pawłowski, 1973, p. 253.

L, V, OP, R.

850-1900 m; IV, VI-VII.

Bulgaria.

Trechus merkli Pawłowski, 1973

Acta zool. cracov., 18 (10), p. 253. Loc. typ.: "Mt. Kom" (= West Stara planina).

SPW (Peak Kom).

2000 m; VIII.

Bulgaria.

Trechus pirinicus Pawłowski, 1972

Bull. Acad. Polon. Sci., (2), 20 (12), p. 873. Loc. typ.: "Pirin".

Trechus pirinicus: Pawłowski, 1973, p. 253. Moravec, 1986, p. 357. Hieke & Wrase, 1988, p. 38.

P (1600-2000 m); VI-IX.

Bulgaria.

Trechus matrismae Pawlowski, 1972

Bull. Acad. Polon. Sci., (2), 20 (12), p. 875. Loc. typ.: "Rhodopes Nord-Orientales" (= Chernatitsa).

Trechus matrismae: Pawlowski, 1973, p. 253. Wrase, 1991, p. 6.

RDW (1850-2000 m); VI.

Bulgaria.

Trechus bohemorum Pawlowski, 1973

Acta zool. cracov., 18 (10), p. 252. Loc. typ.: "Sarlir" (= Pirin).

R (Samokov), P (Peak Sharlir).

1000-2000 m; VII.

Bulgaria.

NOTE: The male sex of this species is unknown.

Genus Pheggomisetes Knirsch, 1923

Trechus (Pheggomisetes) Knirsch, 1923, Cas. Csl. Spol. ent., 20 (3-4), p. 2.

Type-species: *Pheggomisetes buresi* Knirsch, 1923.

Pheggomisetes: Jeannel, 1928, p. 252. Guéorguiev, 1964, p. 266; 1969, p. 110.

Pheggomisetes buresi Knirsch, 1923

Cas. Csl. Spol. ent., 20 (3-4), p. 2. Loc. typ.: "Jeskyne u Vracy" (= Cave Ledenika - Vratsa).

Pheggomisetes buresi medenikensis Knirsch, 1924, Cas. Csl. Spol. ent., 21 (3-4), p. 62.

Loc. typ.: "Ledenik pestera" (Medenik - Plakalnitsa). - Buresch, 1926 a, p. 161.

Pheggomisetes bureschii (sic!): Buresch, 1925, p. 120. - Jeannel, 1928, p. 260. Guéorguiev, 1965, p. 145; 1969, p. 110.

Pheggomisetes buresi: Buresch, 1926 a, p. 161. Guéorguiev, 1964, p. 269; 1965, p. 145.

SPW (caves near Vratsa, Eliseyna, Chelopek and Milanovo).

I-XII.

Bulgaria.

Pheggomisetes radevi radevi Knirsch, 1924

Trav. Soc. bulg. Sci. Nat., 11, p. 165. Loc. typ.: Cave "Ledenika".

Pheggomisetes radevi: Buresch, 1925, p. 120; 1926 a, p. 162. Jeannel, 1928, p. 260. Guéorguiev, 1964, p. 270; 1965, p. 147; 1969, p. 110.

SPW (Cave Ledenika near Vratsa).

VI-IX.

Bulgaria.

Pheggomisetes radevi ilcevi Knirsch, 1924

Cas. Csl. Spol. ent., 21 (3-4), p. 63. Loc. typ.: Cave "Medenik".

Pheggomisetes radevi iltchevi: Buresch, 1925, p. 120. Jeannel, 1928, p. 262.

Pheggomisetes radevi ilcevi: Buresch, 1926 a, p. 162. Guéorguiev, 1969, p. 110.

Pheggomisetes radevi iltshevi: Guéorguiev, 1964, p. 272.

SPW (Cave Medenik near Eliseyna).

IX-X.

Bulgaria.

Pheggomisetes radevi tranteevi Guéorguiev, 1964

Cas. Csl. Spol. ent., 61 (3), p. 272. Loc. typ.: Cave Suhata yama.

Pheggomisetes radevi tranteevi: Guéorguiev, 1969, p. 110.

SPW (Cave Suhata yama near Druzhevo).

VII.

Bulgaria.

Pheggomisetes globiceps globiceps Buresch, 1925

Bull. Soc. ent. Fr., 7, p. 117. Loc. typ.: "grotte près de Iskretz" (= Cave Dushnika).

Pheggomisetes globiceps: Buresch, 1926 a, p. 162. Jeannel, 1928, p. 263. Guéorguiev, 1969, p. 110.

Pheggomisetes globiceps globiceps: Mandl, 1942, p. 254. Z. Karaman, 1958, p. 224. Guéorguiev, 1964, p. 273.

SPW (caves near Iskrets).

V, VII, X, XII.

Bulgaria.

Pheggomisetes globiceps mladenovi Guéorguiev, 1964

Cas. Csl. Spol. ent., 61 (3), p. 273. Loc. typ.: Cave Malkata Mecha dupka.

Pheggomisetes globiceps mladenovi: Guéorguiev, 1969, p. 110.

SPW (caves near Vratsa).

III.

Bulgaria.

Pheggomisetes globiceps georgievi Z. Karaman, 1958

Bull. Mus. Hist. Nat. Belgrade, (B) 12, p. 224. Loc. typ.: Cave Yamata.

Pheggomisetes globiceps georgievi: Guéorguiev, 1964, p. 274; 1969, p. 110.

SPW (a cave near Lakatnik).

II-IV.

Bulgaria.

Pheggomisetes globiceps lakatnicensis Jeannel, 1928

L'Abeille, 25, p. 263. Loc. typ.: Cave Temnata dupka.

Pheggomisetes globiceps lakatnicensis: Mandl, 1942, p. 254. Z. Karaman, 1958, p. 224.
Guéorguiev, 1964, p. 275; 1969, p. 110.

PR (a cave near Chiren), SPW (caves near Lakatnik, Milanovo, Zimevitsa and Vratsa).

I-XII.

Bulgaria.

Pheggomisetes globiceps cerovensis Guéorguiev, 1964

Cas. Csl. Spol. ent., 61 (3), p. 275. Loc. typ.: Cave Peshterata.

Pheggomisetes globiceps cerovensis: Guéorguiev, 1969, p. 110.

SPW (caves near Tserovo).

IX.

Bulgaria.

Pheggomisetes globiceps breiti Mandl, 1942

Bull. Inst. R. Hist. Nat. Sofia, 15, p. 254. Loc. typ.: "Höhle bei Ginzi" (=Cave Dinevata peshtera).

Pheggomisetes globiceps breiti: Z. Karaman, 1958, p. 224. Guéorguiev & Beron, 1962, p. 326.
Guéorguiev, 1964, p. 276; 1969, p. 110.

SPW (caves near Ghintsi).

I, VI-IX.

Bulgaria.

Pheggomisetes globiceps ilandjievi Guéorguiev, 1964

Cas. Csl. Spol. ent., 61 (3), p. 277. Loc. typ.: Cave Balabanova dupka.

Pheggomisetes globiceps ilandjievi: Guéorguiev, 1969, p. 110. Beron, 1994, p. 46.

SPW (caves near Komshtitsa).

V-IX.

Bulgaria, East Serbia.

Pheggomisetes globiceps stoicevi Guéorguiev, 1964

Cas. Csl. Spol. ent., 61 (3), p. 277. Loc. typ.: Cave Elata.

Pheggomisetes globiceps stoicevi: Guéorguiev, 1965, p. 148; 1969, p. 110.

SPW (caves near Zimevitsa and Vratsa).

VIII, XII.

Bulgaria.

Pheggomisetes globiceps karlukovensis Genest, 1978

Acta zool. bulg., 10, p. 75. Loc. typ.: Cave Bezemenna 84.

Pheggomisetes globiceps georgievi: Guéorguiev, 1965, p. 148.

PR (caves near Karlukovo).

V-VII.

Bulgaria.

Genus *Duvalius* Delarouzée, 1859

Ann. Soc. ent. Fr., (3) 7, p. 65. Type-species: *Duvalius raymondi* Delarouzée, 1859

Subgenus *Paraduvalius* Knirsch, 1924

Trechus (Paraduvalius): Knirsch, 1924, p. 163.

Duvalius (Paraduvalius): Jeannel, 1928, p. 430. Guéorguiev, 1965, p. 149; 1971, p. 155.

***Duvalius (Paraduvalius) balcanicus* (Frivaldszky, 1879)**

Trechus (Anophthalmus) balcanicus Frivaldszky, 1879, Termész. Füz., 3, p. 231 (*Anophthalmus*).
Loc. typ.: "Alto-Balkan" (= Stara planina).

Trechus (Anophthalmus) balcanicus: Apfelbeck, 1904, p. 137. Buresch, 1924, p. 153.

Trechus (Duvalius) balcanicus: J. Müller, 1913, p. 18.

Duvalius (Paraduvalius) balcanicus: Jeannel, 1928, p. 435. Guéorguiev, 1971, p. 157.

SPM (Shipchenska planina).

Bulgaria.

NOTE: Only two specimens of this species are known as yet, both found by Ed. Merkl in 1878 at an unknown locality.

***Duvalius (Paraduvalius) regisborisi* (Buresch, 1926)**

Kol. Rundsch., 12 (3-4), p. 159 (*Paraduvalius*). Loc. typ.: "Höhle Yalowitz" (= Cave Yalovitsa).

Duvalius (Paraduvalius) regisborisi: Jeannel, 1928, p. 437. Guéorguiev, 1971, p. 157. Hieke & Wrase, 1988, p. 40.

SPM (Cave Yalovitsa - Troyanska planina).

1300 m; VII-X.

Bulgaria.

Duvalius (Paraduvalius) bulgaricus (Knirsch, 1924)

Trav. Soc. bulg. Sci. Nat., 11, p. 164 (*Paraduvalius*). Loc. typ.: Cave Zmeyova dupka.

Paraduvalius bulgaricus: Buresch, 1926 a, p. 161.

Duvalius (Paraduvalius) bulgaricus: Jeannel, 1928, p. 438. Guéorguiev, 1971, p. 157.

SPM (caves near Tryavna).

IX.

Bulgaria.

Duvalius (Paraduvalius) garevi Casale & Genest, 1991

Bull. Soc. ent. Fr. (1990), 95 (7-8), p. 259. Loc. typ.: Cave Sinyoto ezero.

PR (a cave near Dragana).

VII.

Bulgaria.

Duvalius (Paraduvalius) kotelensis Genest, 1978

Acta zool. bulg., 10, p. 75. Loc. typ.: Cave Prikaznata.

SPE (a cave near Kotel).

IV.

Bulgaria.

NOTE: The species is known yet only from a single female holotype.

Duvalius (Paraduvalius) legrandi (Genest, 1983)

Mém. Biospéol., 10, p. 315 (*Paraduvalius*). Loc. typ.: Cave Kalugerova dupka.

PR (a cave near Arbanasi).

IV.

Bulgaria.

NOTE: The species is known now only from a single male specimen.

Duvalius (Paraduvalius) hanae Hurka, 1990

Acta ent. bohemoslov., 87, p. 349. Loc. typ.: "Cumerna" (= Chumerna).

SPM (Peak Chumerna, Eleno-Tvurdishka planina).

1300-1400 m; VII.

Bulgaria.

Duvalius (Paraduvalius) karelhurkai Farkas, 1990

Acta ent. bohemoslov., 87, p. 352. Loc. typ.: Cave "Erkiupiu" (= Erkyupriya).

RDW (a cave near Mostovo).

1250 m; VII.

Bulgaria.

Duvalius (Paraduvalius) zivkovi (Knirsch, 1925)

Trechus (Duvalites) zivkovi Knirsch, 1925, Cas. Csl. Spol. ent., 21 (5-6) p. 87. Loc. typ.: "Ledenik peșteră" (= Cave Ledenika).

Duvalites zivkovi: Buresch, 1926 a, p. 161.

Duvalius (Paraduvalius) zivkovi: Jeannel, 1928, p. 439. Botosaneanu et al., 1964, p. 420.
Guéorguiev, 1965, p. 150.; 1971, p. 159.

SPW (caves near Vratsa).

800-900 m; VI-VIII.

Bulgaria.

Duvalius (Paraduvalius) deltshevi Guéorguiev, 1965

Duvalius (Paraduvalius) zivkovi deltshevi Guéorguiev, 1965, Bull. Inst. Zool. Mus. Sofia, 18, p. 150. Loc. typ.: "Vratsa" (= Cave Malka Nevestina propast).

Duvalius (Paraduvalius) deltshevi: Guéorguiev, 1971, p. 160.

SPW (a cave near Vratsa).

800 m; VIII.

Bulgaria.

NOTE: The species is known now only from a single female specimen.

Duvalius (Paraduvalius) pretneri Guéorguiev, 1971

Bull. Inst. Zool. Mus. Sofia, 33, p. 160. Loc. typ.: Cave "Mecata" (= Cave Mechata dupka).

SPW (a cave near Zhelen).

III.

Bulgaria.

NOTE: Only three female specimens are known by now.

Duvalius (Paraduvalius) beroni Guéorguiev, 1971

Bull. Inst. Zool. Mus. Sofia, 33, p. 160. Loc. typ.: Cave "Tosova" (= Cave Toshova dupka).

SPW (a cave near Glavatsi - Vrachanska planina).

II.

Bulgaria.

NOTE: The species is known now only from one male specimen.

Duvalius (Paraduvalius) bureschi Jeannel, 1928

L'Abeille, 35, p. 444. Loc. typ.: "grotte de Ladzene" (= Cave Lepenitsa).

Duvalius (Paraduvalius) bureschi: Guéorguiev, 1965, p. 150; 1971, p. 162.

SPW (a cave near Velingrad).

V, VIII.

Bulgaria.

Duvalius (Paraduvalius) marani (Knirsch, 1930)

Paraduvalius marani Knirsch, 1930, Sborn. ent. odd. Nar. Mus. Praze, 8, p. 51. Loc. typ.: "Alibotus" (= Slavyanka).

SL.

Bulgaria.

Duvalius (Paraduvalius) rajtchevi (Genest & Juberthie, 1983)

Paraduvalius rajtchevi Genest & Juberthie, 1983, Mém. Biospéol., 10, p. 313. Loc. typ.: "vallée de Trigrad".

RDW (Trigrad valley).

1100 m; VIII-X.

Bulgaria.

Duvalius (Paraduvalius) papasoffi (Mandl, 1942)

Paraduvalius papasoffi Mandl, 1942, Bull. Inst. R. Hist. Nat. Sofia, 15, p. 252. Loc. typ.: "Höhle bei Lakatnik" (= Cave Temnata dupka).

Duvalius (Paraduvalius) papasoffi: Guéorguiev, 1965, p. 151; 1971, p. 163.

SPW (caves near Lakatnik).

400 m; III, VI, XII.

Bulgaria.

Subgenus Duvaliotes Jeannel, 1928**Duvalius (Duvaliotes) beshkovi Coiffait, 1970**

Ann. Spéléol., 25 (3), p. 722. Loc. typ.: "grotte Meca dupka" (= Cave Mecha dupka).

OP (a cave near Stradalovo).

II.

Bulgaria.

NOTE: Only one male specimen is known by now.

TRIBUS TACHYINI

Genus **Tachys** Stephens, 1828

Ill. Brit. Ent., 2, p. 2. Type-species: *Trechus scutellaris* Stephens, 1828

Subgenus **Tachys** s. str.

Tachys (Tachys) scutellaris (Stephens, 1828)

Ill. Brit. Ent., 2, p. 5 (*Trechus*).

Tachys scutellaris: Apfelbeck, 1894, p. 546; 1904, p. 118. Rambousek, 1912, p. 75. Karnoschitzky, 1950, p. 26. Hieke & Wräse, 1988, p. 63.

Tachys scutellaris ab. *dimidiatus*: Karnoschitzky, 1950, p. 26.

SPE (Kosharitsa), BSN, BSS.

0-300 m; III-VII, X.

Europe, Asia Minor, Caucasus, Kazakhstan, North Africa.

Subgenus **Paratachys** Casey, 1918

Tachys (Paratachys) fulvicollis (Dejean, 1831)

Spec. gén. Col., 5, p. 39 (*Bembidion*).

Tachys fulvicollis: Hieke & Wräse, 1988, p. 63.

SPE (Kosharitsa), BSS.

0-200 m.

South Europe, Ukraine, Asia Minor, Caucasus, Central Asia.

Tachys (Paratachys) centriustatus Reitter, 1894

Dtsch. Ent. Zeitschr., p. 34.

Tachys centriustatus: Hieke & Wräse, 1988, p. 63.

BSN (Balchik), BSS (Pomorie, Burgas).

Bulgaria, Crimea, Central Asia (Turkmenia to Balkhash), Afghanistan.

Tachys (Paratachys) bistriatus (Duftschmid, 1812)

Fauna Austr., 2, p. 205 (*Elaphrus*).

Tachys bistriatus: Apfelbeck, 1904, p. 117. Ioakimov, 1904, p. 11. Markovitch, 1909, p. 5. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 75. Hieke & Wräse, 1988, p. 63.

Bembidion bistriatus: Markovitch, 1904, p. 236.

Tachys bistriatus ab. *rufulus*: Rambousek, 1912, p. 75.

D, PR, SPM, SPE, WB, PO, SG, T, BSM, SPT, P, BSS.

New loc.: M (Gotse Delchev, VII.1961 - coll. MP).

0-1600 m; III-IX.

Central and South Europe, Asia Minor, Caucasus, Iran, North Africa, Canary Islands, Madeira.

Tachys (Paratachys) micros (Fischer-Waldheim, 1828)

Entomogr. Ross., 3, p. 97 (*Bembidion*).

Tachys micros: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 75. Muche, 1965, p. 74. Hieke & Wrase, 1988, p. 63.

D, PR, SPM, WB, V, PO, VL (Sredorek), BSM, SPT, BSS.

New loc.: P (V-VI.1929 - coll. MP).

0-1700 m; III-VII.

Central, East and South Europe, Caucasus, Turkmenia, Siberia (Irkutsk), North Africa, Azores, Canary Islands.

Genus Polyderis Motschulsky, 1862

Etud. Ent., 11, p. 27. Type-species: *Tachys minutissimus* Motschulsky, 1850 (= *Tachys brevicornis* Chaudoir, 1846).

Polyderis cardioderus (Chaudoir, 1850)

Bull. Soc. Nat. Mosc., 23, p. 170 (*Tachys*).

Tachys cardioderus: Hieke & Wrase, 1988, p. 64.

SPE (Kosharitsa), BSS (Vlas).

Greece, Bulgaria, Transcaucasia, Syria, North Africa (Morocco, Algeria).

Polyderis brevicornis (Chaudoir, 1846)

Enum. Carab. Cauc., p. 193 (*Tachys*).

Tachys brevicornis: Rambousek, 1912, p. 75. Hieke & Wrase, 1988, p. 64.

SPE (Sliven).

South Europe, Asia Minor, Caucasus, Syria, North Yemen, Africa, Madagascar, Seychelles, Australia.

Genus *Elaphropus* Motschulsky, 1839

Bull. Soc. Nat. Mosc., 12, p. 73. Type-species: *Elaphropus caraboides* Motschulsky, 1839.

Subgenus *Elaphropus* s. str.

***Elaphropus (Elaphropus) krueperi* (Apfelbeck, 1904)**

Käferfauna Balkanhalbinsel, 1, p. 120 (*Tachys*). Loc. typ.: "Ost-Rumelien (zwischen Aitos und Jamboli)".

Tachys krueperi: Rambousek, 1912, p. 75. Hieke & Wrase, 1988, p. 65.

ST (Straldzha), BB (loc.typ., 1 female).

0-500 m.

Bulgaria.

Subgenus *Sphaerotachys* J. Müller, 1926

***Elaphropus (Sphaerotachys) haemorrhoidalis* (Ponza, 1805)**

Mem. Acad. Turin, 13, p. 87 (*Carabus*).

Tachys haemorrhoidalis: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 75. Hieke & Wrase, 1988, p. 65.

D (Ivanski), PR (Veliko Tarnovo), SPM, SPE, PO, ST (Yambol), BB, SPT, BSN (Varna), BSS.

New loc.: T (Svilengrad, VI.1947 - coll. MP).

0-500 m; V-VII.

Central and South Europe, Asia Minor, Caucasus, Iran, Turkmenia, North Africa, Canary Islands, Cape Verde Islands, ? Madagascar, ? Australia.

Subgenus *Tachyura* Motschulsky, 1862

***Elaphropus (Tachyura) parvulus* (Dejean, 1831)**

Spec. gén. Col., 5, p. 57 (*Bembidium*).

Tachys parvulus: Rambousek, 1912, p. 75. Hieke & Wrase, 1988, p. 64.

SPM, PO, S, SPT, R, P (Bansko), BSS.

0-1200 m; V-VIII.

West, Central and South Europe, Moldavia, introduced in Canada.

Elaphropus (Tachyura) quadrisignatus (Duftschmid, 1812)

Fauna Austr., 2, p. 205 (*Elaphrus*).

Tachys quadrisignatus: Netolitzky, 1912, p. 158. Hieke & Wrase, 1988, p. 64. Guéorguiev, 1992, p. 63.

SPM, WB (Sofia), V, K (Zemen), SPT, R.

300-1150 m; V-VII.

Central and South Europe, Ukraine, Moldavia, Asia Minor, Caucasus, Cyprus, North Africa.

Elaphropus (Tachyura) diabracchys bisbimaculatus (Chevrolat, 1860)

Rev. Mag. Zool., (2), 12, p. 409 (*Bembidium*).

Tachys sexstriatus: Apfelbeck, 1904, p. 119. Rambousek, 1912, p. 75. Guéorguiev, 1992, p. 63.

Tachys parvulus var. *diabracchis*: Markovitch, 1909, p. 5.

Tachys sexstriatus var. *bisbimaculatus*: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 75.

Tachys diabracchys bisbimaculatus: Hieke & Wrase, 1988, p. 65.

Tachys inaequalis: Vassilev, 1988, p. 85.

Tachys diabracchys: Vassilev & Nacheva, 1989, p. 50.

D, PR, SPM, SPE, WB, V, K, PO, T, S, VL, BSM, SPT, R, P, RDW, RDE, BSS.

New loc.: M (Gotse Delchev, VIII.1938 - coll. MP), BSN (Varna, VI.1934 - coll. MP).

0-1200 m; IV-VIII.

Central, South and South-East Europe, Moldavia, North Africa.

Genus Porotachys Netolitzky, 1914

Ent. Bl., 10, p. 174. Type-species: *Trechus bisulcatus* Nicolai, 1822.

Porotachys bisulcatus (Nicolai, 1822)

Diss. Col. Agr. Halle, p. 26 (*Trechus*).

Tachys bisulcatus: Rambousek, 1912, p. 75. Hieke & Wrase, 1988, p. 65. Vassilev, 1988, p. 88. Guéorguiev, 1992, p. 63.

SPE (Sliven), S, BSM (Blagoevgrad), SPT, R, P, BSS.

V-VII.

Europe, Asia Minor, Caucasus, North Africa, Madeira, North America (introduced).

Genus Tachyta Kirby, 1837

Fauna Bor.-Amer., 4, p. 56. Type-species: *Tachyta picipa* Kirby, 1837 (= *Bembidium nanum* Gyllenhal, 1810).

Tachyta nana (Gyllenhal, 1810)

Ins. Suec., 1, p. 39 (*Bembidium*).

Tachyta nana: Apfelbeck, 1904, p. 121. Rambousek, 1912, p. 75. Palm, 1966, p. 11. Hieke & Wrase, 1988, p. 66. Guéorguiev, 1992, p. 63.

Tachys nana: Ioakimov, 1904, p. 11.

SPW, SPE, PL, SG, ST, S, VL (Sredorek), B, R.

New loc.: SPM (Trevnenska planina - Krastets, IX.1921 - coll. MP).

VII-IX.

Europe, Asia Minor, Caucasus, Near East, Iran, Kazakhstan, Siberia, Mongolia, Far East of Russia, Korea, China, Sakhalin, Japan, North Africa, North America.

Genus Limnastis Motschulsky, 1862

Etud. Ent., 11, p. 27. Type-species: *Limnaeum indicus* Motschulsky, 1851.

Limnastis galilaeus Brulerie, 1875

Ann. Soc. ent. France, (5) 5, p. 436.

Limnastis galilaeus: Hieke & Wrase, 1988, p. 66.

D (Ivanski).

Hungary, South Europe, Iraq, Israel, North Africa (Algeria).

TRIBUS BEMBIDIINI

Genus Asaphidion Gozis, 1886

Rech. esp. typ., p. 6. Type-species: *Cicindela flavipes* Linnaeus, 1761.

Asaphidion caraboides balcanicus Netolitzky, 1918

Ent. Bl., 14, p. 215.

Asaphidion caraboides: Rambousek, 1912, p. 70. Messner, 1964, p. 277.

Asaphidion caraboides balcanicus: Hieke & Wrase, 1988, p. 41. Guéorguiev, 1989, p. 83; 1992, p. 64.

D, WB, V, BSM, SPT, P, SL, RDE, BSN.

New loc.: B (1 ex. - coll. MP and Luda Mara, VII.1958 - coll. K. Hurka).

0-1800 m; V-VIII.

Balkan Peninsula.

Asaphidion pallipes (Duftschmid, 1812)

Fauna Austr., 2, p. 197 (*Elaphrus*).

Asaphidion pallipes: Rambousek, 1912, p. 70. Hieke & Wrase, 1988, p. 42.

WB (Sofia), SPT (Gara Pirin), R.

600-800 m.

Europe, Asia Minor, Caucasus, West Siberia.

Asaphidion rossii (Schaum, 1857)

Berl. Ent. Zeitschr., 1, p. 150 (*Tachypus*).

Asaphidion rossi (sic!): Guéorguiev, 1992, p. 64.

B (Luda Mara).

200 m; VII.

South Europe, North Africa.

Asaphidion cyanicorne (Pandellé, 1867)

Mat. Cat. Grenier, p. 163 (*Tachypus*).

Asaphidion cyanicorne: Maran, 1933 a, p. 89. Vassilev, 1988, p. 85. Guéorguiev, 1992, p. 64.

PR, WB (Sofia), T (Stara Zagora), MPO, SPT, P, SL.

200-1000 m; V-VII, X.

Pyrenees, Alps, Apennines, Dalmatia, Bulgaria.

NOTE: According to Müller-Motzfeld (in litt.) this West Mediterranean species occurs up to Istria (Croatia) in the east.

Asaphidion flavipes (Linnaeus, 1761)

Fauna Suec., p. 211 (*Cicindela*).

Asaphidion flavipes: Apfelbeck, 1904, p. 79. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 70. Hieke & Wrase, 1988, p. 42.

Cicindela flavipes: Kovachev, 1905, p. 5.

D, SPM, WB, K (Zemen), T, SPT, BSN.

0-1000 m; III, V-VIII.

Europe (except for Iberian Peninsula), Caucasus, West Siberia, North Africa.

Asaphidion flavigerne (Solsky, 1874)

in: Fedtschenko, Reise Turkest., 2, p. 112 (*Tachypus*).

Asaphidion flavigerne: Maran, 1933 a, p. 89. Hieke & Wrase, 1988, p. 42. Guéorguiev, 1992, p. 64.

SPT, P, M, BSN (Varna).

0-1500 m; VI-VII.

Balkan Peninsula, Caucasus, Central Asia.

NOTE: The range of this Middle Asian species extends westwards to the Caucasus (Müller-Motzfeld, in litt.). The Balkan specimens belong either to *A. austiacum* Schweiger, 1975 or to a new species (cf. Hartmann).

Genus **Bembidion** Latreille, 1802

Hist. Nat. Ins., 3, p. 82. Type-species: *Cicindela quadrimaculata* Linnaeus, 1761

NOTE: The list of this genus is given according to Prof. Dr. G. Müller-Motzfeld (personal communication).

Subgenus **Microserrullula** Netolitzky, 1921

Bembidion (Microserrullula) quadricolle Motschulsky, 1844

Ins. Sibér., p. 270.

Bembidion (Serrula) quadricolle ab. *cyaneomicans* Maran, 1933, Sbor. ent. odd. Nar. Mus. Praze, 11, p. 89. Loc. typ.: "Petric" (= Petrich).

Bembidion quadricolle: Maran, 1933 a, p. 89. Hieke & Wrase, 1988, p. 42. Guéorguiev, 1992, p. 64.

BSM, SPT, M.

New loc.: P (V-VI.1929 - coll. MP sub *B. quadricolle inserticeps* Chaud.).

200-500 m; V-VII.

Balkan Peninsula, Asia Minor, Caucasus, West Asia (from Iraq to Afghanistan).

Subgenus **Odontium** Leconte, 1848

Bembidion (Odontium) striatum (Fabricius, 1792)

Ent. Syst., 1, p. 179 (*Elaphrus*).

Bembidion striatum: Netolitzky, 1912, p. 158; 1918 (Verbreitungskarte). Rambousek, 1912, p. 70. Hieke & Wrase, 1988, p. 42.

D, WB (Sofia), PO, T, ST, SPT, P (Lilyanovo), RDW (Batak), BSS.

New loc.: SPE (Sliven, 1000 m, VI.1908 - coll. MP).

0-1000 m; IV-IX.

Europe, Asia Minor, Caucasus, West Siberia.

Bembidion (Odontium) foraminosum Sturm, 1825

Dtschl. Ins., 6, p. 183.

Bembidion foraminosum: Netolitzky, 1912, p. 158.

PR (Veliko Tarnovo).

V.

Central and South Europe, Asia Minor.

Subgenus Bracteon Bedel, 1879

Bembidion (Bracteon) argenteolum Ahrens, 1812

Neue Schr. Hall. naturf. Ges., 2, p. 23.

Bembidion argenteolum: Ioakimov, 1904, p. 10.

WB (Sofia).

VI.

Europe (except for Iberian Peninsula), West Siberia.

Bembidion (Bracteon) litorale (Olivier, 1791)

Encycl. Meth., 6, p. 353 (*Elaphrus*).

Bembidion litorale: Apfelbeck, 1904, p. 81. Hieke & Wrase, 1988, p. 43.

D (Lom), WB (Sofia), RDW (Batak).

100-700 m.

Europe (except for Iberian Peninsula), Siberia, ? North America.

Subgenus Eurytrachelus Motschulsky, 1846

Bembidion (Eurytrachelus) laticolle (Duftschmid, 1812)

Fauna Austr., 2, p. 19 (*Elaphrus*).

Bembidion laticolle: Apfelbeck, 1904, p. 81. Netolitzky, 1912, p. 158; 1917 (Verbreitungskarte).

Panin, 1941, p. 546; 1942, p. 606. Hieke & Wrase, 1988, p. 43.

D, WB (Sofia), P (Damyantisa), BSN.

100-1800 m; V-VIII.

Central and South Europe, ? West Siberia.

Subgenus **Chlorodium** Motschulsky, 1864

Bembidion (Chlorodium) splendidum Sturm, 1825

Dtschl. Ins., 6, p. 145.

Bembidion splendidum: Apfelbeck, 1904, p. 82. Netolitzky, 1912, p. 158. Hieke & Wrase, 1988, p. 43. Guéorguiev, 1992, p. 64.

D, PR, WB, V, SPT, BSS.

100-1000 m; V-VI.

Central and South Europe, Asia Minor.

Bembidion (Chlorodium) pygmaeum (Fabricius, 1792)

Ent. Syst., 1, p. 167 (*Carabus*).

Bembidion pygmaeum: Anonymous, 1907, p. 286. Hieke & Wrase, 1988, p. 43. Vassilev & Necheva, 1990, p. 131. Guéorguiev, 1992, p. 64.

V, BSN (Simitli), SPT, P, M (Gotse Delchev).

300-1200 m; V-VII.

Europe, Balkan Peninsula.

NOTE: Hieke & Wrase (1988, p.43) attached the Bulgarian specimens to the race *B. pygmaeum bilunulatum* Bielz, 1852.

Subgenus **Metallina** Motschulsky, 1864

Bembidion (Metallina) lampros (Herbst, 1784)

in: Fuessly, Arch., p. 143 (*Carabus*).

Bembidion lampros: Apfelbeck, 1904, p. 83. Ioakimov, 1904, p. 11. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 7. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 71. Hieke & Wrase, 1988, p. 44.

D, SPM, WB, V, VL, SPT, R, P, RDW, BSN, BSS.

New loc.: SG (Lozenska planina, 1000 m, V.1993 - coll. auct.), SL (VI.1938 - coll. MP).

0-2400 m; III-VI, IX, XI.

Europe, Asia Minor and Caucasus to Mongolia, North Africa (Morocco), North America (Newfoundland).

Bembidion (Metallina) properans Stephens, 1828

Ill. Brit. Ent., 2, p. 26.

Bembidion properans: Panin, 1941, p. 546; 1942, p. 571. Hieke & Wrase, 1988, p. 44. Vassilev, 1988 a, p. 85.

D, SPE, WB, V, PO, SG, VL, MPO, BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: SPW (Vratsa - Barkite, VI.1993 - coll. auct.), T (Velichkovo, VII.1961 - coll. auct.).

0-1700 m; IV-VIII, X.

Europe, Asia Minor, Caucasus, Siberia up to Transbaikalia.

Subgenus **Phyla** Motschulsky, 1846

Bembidion (Phyla) tethys Netolitzky, 1926

Kol. Rundsch., 12, p. 163.

Bembidion tethys: Hieke & Wrase, 1988, p. 61.

SPT, BSS (Sozopol).

0-800 m.

South Europe, North Africa, Madeira.

Subgenus **Principium** Motschulsky, 1864

Bembidion (Principium) punctulatum Drapiez, 1820

Ann. Soc. Sci. phys. Bruxelles, 7, p. 275.

Bembidion punctulatum: Apfelbeck, 1904, p. 83. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 7. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 71. Hieke & Wrase, 1988, p. 45.

D, PR, SPM, SPE, WB, K, PO, T, ST, VL, SPT, BSM, R, P, RDW, RDE, BSS.

New loc.: V (V.1938 - coll. MP).

V-VIII.

Europe, Asia Minor, Caucasus, Central Asia, North Africa.

Subgenus **Testedium** Motschulsky, 1864

Bembidion (Testedium) bipunctatum nivale Heer, 1841

Fauna Col. Helv., 1, p. 127.

Bembidion bipunctatum: Apfelbeck, 1904, p. 84. Rambousek, 1912, p. 71.

Bembidion bipunctatum nivale: Panin, 1942, p. 572. Hieke & Wrase, 1988, p. 45.

Bembidion bipunctatum pyritosum: Guéorguiev, 1988, p. 75; 1990, p. 135.

SPM, V, R, P, RDW, RDE (Momchilgrad).

600-2915 m; VI-XI.

Europe (Pyrenees, Alps, Carpathians., Balkans), Asia Minor.

Subgenus **Philochthus** Stephens, 1824

Bembidion (Philochthus) inoptatum Schaum, 1857

Berl. ent. Zeitschr., 1, p. 149.

Bembidion inoptatum: Muche, 1965, p. 74. Hieke & Wrase, 1988, p. 62.

PR, SPE, WB, T, SPT, BSS.

0-750 m; IV, VII-VIII.

Central, South and South-East Europe, Caucasus.

Bembidion (Philochthus) decolor Apfelbeck, 1911

Glas. Zem. Muz. Bosn. Herzeg., 23, p. 210.

Bembidion decolor: Hieke & Wrase, 1988, p. 62.

BSS (Pomorie).

Balkan Peninsula.

Bembidion (Philochthus) escherichi Ganglbauer, 1897

Stett. ent. Ztg., 58, p. 12.

Bembidion escherichi: Hieke & Wrase, 1988, p. 62.

BSS (Pomorie).

South Europe, Asia Minor, Near East and Central Asia, North Africa.

Bembidion (Philochthus) mannerheimi C. R. Sahlberg, 1827

Ins. Fenn., 1, p. 201

Bembidion mannerheimi: Rambousek, 1912, p. 74.

Bembidion unicolor: Hieke & Wrase, 1988, p. 61. Vassilev, 1988, p. 85.

SPW (Belogradchik), WB, SG, RDW (Devin).

650-1300 m; VIII.

Europe, West Siberia.

Bembidion (Philochthus) guttula (Fabricius, 1792)

Ent. Syst., 1, p. 166 (*Carabus*).

Bembidion guttula: Rambousek, 1912, p. 74. Drenowski, 1942, p. 8. Hieke & Wrase, 1988, p. 61.

SPW (Lakatnik), L, PO (Turiya), T, ST, P, RDW (Batak).

400-1000 m; VI-IX.

Europe, Asia Minor, Caucasus, West Siberia, North Africa, North America (introduced).

Bembidion (Philochthus) biguttatum (Fabricius, 1779)

Reise nach Norwegien, p. 232 (*Carabus*).

Bembidion biguttatum: Anonymous, 1907, p. 287.

Bulgaria (without precise locality).

Europe, Caucasus, Turkestan, West Siberia.

Bembidion (Philochthus) lunulatum (Fourcroy, 1785)

Ent. Paris, 1, p. 51 (*Buprestis*).

Bembidion lunulatum: Apfelbeck, 1904, p. 112. Muche, 1965, p. 74. Hieke & Wräse, 1988, p. 62.

D, PR, SPE (Kosharitsa), WB, BSN (Varna), BSS.

0-800 m; V-VII.

Central and South Europe, North Africa

Subgenus Notaphocampa Netolitzky, 1914

Bembidion (Notaphocampa) niloticum Dejean, 1831

Spec. gén. Col., 5, p. 73.

Bembidion niloticum hamatum: Maran, 1933 a, p. 89. Hieke & Wräse, 1988, p. 46.

BSS (Ropotamo - Maslen nos).

VI.

Balkan Peninsula, Asia Minor, Cyprus, Iraq to South China and Japan, North Africa.

Subgenus Semicampa Netolitzky, 1910

Bembidion (Semicampa) guttulatum Chaudoir, 1850

Bull. Soc. Nat. Mosc., 23, p. 181.

Bembidion guttulatum: Panin, 1942, p. 608. Hieke & Wräse, 1988, p. 57.

BSN (Beloslav, Prosechen), BSS (Veselie).

0-100 m; VIII.

Bulgaria, Romania, Crimea.

Subgenus *Diplocampa* Bedel, 1896

***Bembidion (Diplocampa) assimile* Gyllenhal, 1810**

Ins. Suec., 2, p. 26.

Bembidion assimile: Hieke & Wrase, 1988, p. 57.

SPE (Sliven), BSS.

0-500 m; V-VII.

Europe, Caucasus, West Siberia, North Africa, ? North America.

***Bembidion (Diplocampa) fumigatum* (Duftschmid, 1812)**

Fauna Austr., 2, p. 204 (*Elaphrus*).

Bembidion fumigatum: Rambousek, 1912, p. 74. Hieke & Wrase, 1988, p. 57.

D (Ivanski), BSN, BSS.

0-200 m; V-VIII.

Central and South Europe, Caucasus, Central Asia, Siberia.

Subgenus *Bembidion* s. str.

***Bembidion (Bembidion) humerale* Sturm, 1825**

Dtschl. Ins., 6, p. 176.

Bembidion humerale: Rambousek, 1912, p. 74.

R (Borovets).

1400 m.

North, Central and Southwest Europe, Italy, Croatia, Bulgaria.

***Bembidion (Bembidion) quadripustulatum* Serville, 1821**

Faune franç., 8, Col., p. 80.

Bembidion quadriguttatum: Apfelbeck, 1904, p. 109. Rambousek, 1912, p. 74. Panin, 1941, p. 546; 1942, p. 590.

Bembidion quadripustulatum: Ioakimov, 1904, p. 11. Muche, 1965, p. 74. Hieke & Wrase, 1988, p. 59.

D, SPM, SPE, WB (Sofia), SPT, BSN, BSS.

0-600 m; V-VIII.

Central and South Europe, Asia Minor, South-West and Central Asia.

Bembidion (Bembidion) quadrimaculatum (Linnaeus, 1761)

Fauna Suec., 2, p. 211 (*Cicindela*).

Bembidion quadrimaculatum: Apfelbeck, 1904, p. 109. Ioakimov, 1904, p. 11. Nedelkov, 1909 a, p. 8. Hieke & Wräse, 1988, p. 60.

D, PR, SPE, WB, K, PO, T, BSM, SPT, RDW, BSN, BSS.

0-600 m; IV-VIII.

Europe, Caucasus, Iran to Mongolia and Transbaikalia, North America.

Subgenus Leja Dejean, 1821**Bembidion (Leja) articulatum** (Panzer, 1796)

Fauna Germ., 30, nr. 21 (*Carabus*).

Bembidion articulatum: Apfelbeck, 1904, p. 110. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 74. Hieke & Wräse, 1988, p. 60.

D (Ivanski), PR, SPE, WB, K (Zemen), PO, SG, T, BB, SPT, RDW (Batak), BSN, BSS.

New loc.: V (V.1939 - coll. MP), M (Gotse Delchev, VI.1938 - coll. MP).

0-1000 m; V-VIII.

Europe, Asia Minor, Caucasus, Iran, Siberia, Japan.

Bembidion (Leja) octomaculatum (Goeze, 1777)

Ent. Beitr., 1, p. 664 (*Carabus*).

Bembidion octomaculatum: Apfelbeck, 1904, p. 110. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 74. Panin, 1942, p. 593. Hieke & Wräse, 1988, p. 61.

D, PR, SPT, BSN, BSS.

0-400 m; V-VII.

Central and South Europe, Asia Minor, Caucasus, Syria, Central Asia, Siberia, North Africa.

Bembidion (Leja) maculatum Dejean, 1831

Spec. gén. Col., 5, p. 162.

Bembidion maculatum: Hieke & Wräse, 1988, p. 60.

RDW (Pamporovo), BSS (Pomorie).

South Europe, Syria, Israel, North Africa (Algeria, Tunisia).

Subgenus **Notaphus** Dejean, 1821

Bembidion (Notaphus) obliquum Sturm, 1825

Dtschl. Ins., 6, p. 160.

Bembidion obliquum: Muche, 1965, p. 74.

BSS (Nesebar).

VII.

North and Central Europe, Bulgaria, ? Italy, Siberia.

Bembidion (Notaphus) varium (Olivier, 1795)

Ent., 3, p. 110 (*Carabus*).

Bembidion varium: Apfelbeck, 1894, p. 547, 1904, p. 85. Nedelkov, 1909 a, p. 7. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 71. Panin, 1941, p. 546; 1942, p. 574. Muche, 1965, p. 74. Hieke & Wräse, 1988, p. 46.

D, SPW, SPM, SPE, WB, PO, T, ST, SPT, RDW (Batak), BSN, BSS.

New loc.: V (V.1939 - coll. MS), P (V-VI.1929 - coll. MP).

0-1000 m; IV-VIII.

Europe, Asia Minor, Caucasus, Turkestan, Siberia, North Africa, Canary Islands.

Bembidion (Notaphus) rumelicum Apfelbeck, 1902

Münch. Kol. Zeitschr., 1, p. 66. Loc. typ.: "Burgas (Ost-Rumelien)".

Bembidion rumelicum: Apfelbeck, 1904, p. 86. Panin, 1942, p. 574. De Monte, 1947, p. 52. Karnoschitzky, 1950, p. 21.

Bembidion varium rumelicum: Netolitzky, 1921, p. 191; 1942, p. 73.

BSN (Varna), BSS (Burgas).

VII-VIII.

Bulgaria, Greece.

NOTE: Hieke & Wräse (1988, p. 46) are of the opinion, this species is not a distinct race of *varium* Ol. On the contrary, De Monte (1947, p. 52-53) considered it as an independent species, having simultaneously described its two new subspecies from Albania and Italy.

Bembidion (Notaphus) semipunctatum Donovan, 1806

Brit. Ins., 11, p. 22.

Bembidion adustum: Apfelbeck, 1904, p. 86.

Bembidion semipunctatum: Rambousek, 1912, p. 71. Hieke & Wräse, 1988, p. 45.

D, T (Plovdiv), BSN (Varna), BSS (Burgas).

Central and South Europe, Asia Minor, Caucasus, Central Asia, Siberia, North Africa.

Subgenus *Eupetodromus* Netolitzky, 1911***Bembidion (Eupetodromus) dentellum* (Thunberg, 1787)**

Mus. Acad. Upsala, 4, p. 50 (*Carabus*).

Bembidion dentellum: Hieke & Wrase, 1988, p. 45.

D, SPT (Sandanski).

Europe (except for Iberian Peninsula), Caucasus, West Siberia.

Subgenus *Notaphemphanes* Netolitzky, 1920***Bembidion (Notaphemphanes) ephippium* (Marsham, 1802)**

Ent. Brit., p. 462 (*Carabus*).

Bembidion ephippium: Apfelbeck, 1894, p. 546; 1904, p. 86. Rambousek, 1912, p. 71. Karnoschitzky, 1950, p. 21. Hieke & Wrase, 1988, p. 46.

BSN, BSS.

V-VI, X.

Europe, North Africa (halobiont).

Subgenus *Talanes* Motschulsky, 1864***Bembidion (Talanes) subfasciatum* Chaudoir, 1850**

Bull. Soc. Nat. Mosc., 23, p. 187.

Bembidion subfasciatum: Apfelbeck, 1904, p. 101. Ioakimov, 1904, p. 11. Rambousek, 1912, p. 73. Panin, 1942, p. 608. Karnoschitzky, 1950, p. 22. Focarile, 1959, p. 62. Hieke & Wrase, 1988, p. 57.

SG, BSN (Balchik, Varna), BSS.

0-1000 m; III, VII-IX.

Italy, Romania, Balkan Peninsula, Crimea, Asia Minor.

Subgenus *Emphanes* Motschulsky, 1846***Bembidion (Emphanes) normannum apfelbecki* Müller-Motzfeld, 1986**

Ent. Nachr. Ber., 30 (6), p. 261.

Bembidion normannum: Rambousek, 1912, p. 73.

Bembidion normannum meridionale: Rambousek, 1912, p. 73.

Bembidion normannum orientale: Rambousek, 1912, p. 73.

Bembidion normannum apfelbecki: Müller-Motzfeld, 1986 a, p. 262. Hieke & Wrase, 1988, p. 59.

BSN, BSS (Pomorie).

New loc.: V (V.1939 - coll. MP), M (Gotse Delchev, VI.1938 - coll. MP).

V-VII.

Balkan Peninsula, Crimea, Transcaspia, Asia Minor.

***Bembidion (Emphanes) latiplaga* Chaudoir, 1850**

Bull. Soc. Nat. Mosc., 23, p. 185.

Bembidion latiplaga: Apfelbeck, 1904, p. 104. Rambousek, 1912, p. 73. Hieke & Wrase, 1988, p. 59.

D, PO, SPT, BSN (Varna), BSS.

South Europe, Iraq.

***Bembidion (Emphanes) pusillum* Gyllenhal, 1827**

Ins. Suec., 1 (4), p. 403.

Bembidion minimum: Rambousek, 1912, p. 73. Hieke & Wrase, 1988, p. 58.

Bembidion minimum var. *euxinum*: Rambousek, 1912, p. 73.

D, SPE (Kosharitsa), PO, BSN, BSS.

IX.

Europe, West Asia, West Siberia, North Africa.

***Bembidion (Emphanes) rivulare euxinum* Apfelbeck, 1904**

Bembidion minimum euxinum Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 102. Loc. typ.: "Burgas".

Bembidion minimum var. *rivulare*: Apfelbeck, 1894, p. 546.

Bembidion minimum rivulare: Panin, 1942, p. 589. Karnoschitzky, 1950, p. 23.

Bembidion minimum rivulare var. *euxinum*: Karnoschitzky, 1950, p. 23.

Bembidion rivulare euxinum: Hieke & Wrase, 1988, p. 58.

BSN, BSS.

Bulgaria.

***Bembidion (Emphanes) tenellum* Erichson, 1837**

Käf. Mark Brandenb., 1, p. 136.

Bembidion tenellum: Apfelbeck, 1904, p. 109. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 74. Hieke & Wrase, 1988, p. 58.

Bembidion moeticum: Panin, 1942, p. 589. Karnoschitzky, 1950, p. 24.

D, SPM, SPE, PO, T, SPT, BSN, BSS.

New loc.: P (V-VI.1929 - coll. MP), M (Gotse Delchev, VI.1938 - coll. MP).
0-1000 m; V-X.
Central and South Europe, Central Asia.

Bembidion (Emphanes) azurescens Dalla Torre, 1877

8. Jahr.-Ber. Ver. Naturk. Linz, p. 54.

Bembidion azurescens: Hieke & Wrase, 1988, p. 58.

D (Ivanski), SPM, SPE, PO, BSM, SPT, R, RDW (Mihalkovo), RDE (Perperek), BSS.

New loc.: S (VII.1934 - coll. MP).

0-1400 m; VI-VII.

Central and South Europe, Caucasus, Siberia.

Subgenus Synechostictus Motschulsky, 1864

Bembidion (Synechostictus) stomoides Dejean, 1831

Spec. gén. Col., 5, p. 146.

Bembidion stomoides: Maran, 1933 a, p. 90. Hieke & Wrase, 1988, p. 56.

R (Rilski manastir), P (Popina laka), RDW (Batak).

1000-1500 m; VI-VII.

West, Central and South Europe (mountains).

Bembidion (Synechostictus) millerianum Heyden, 1883

Cat. Col. Eur., ed. 3, p. 8.

Bembidion millerianum: Netolitzky, 1912, p. 158. Drenowski, 1937, p. 10. Panin, 1942, p. 613.
Hieke & Wrase, 1988, p. 56. Guéorguiev, 1992, p. 65.

Bembidion ruficorne: Drenowski, 1942, p. 8.

SPM, V, SG, R, P, RDW.

1000-1600 m; V-IX.

Central and South Europe (mountains).

Bembidion (Synechostictus) elongatum tarsicum Peyron, 1858

Ann. Soc. ent. Fr., (3) 6, p. 368.

Bembidion elongatum: Apfelbeck, 1904, p. 101. Netolitzky, 1912, p. 158. Rambousek, 1912,
p. 73.

Bembidion elongatum tarsicum: Hieke & Wrase, 1988, p. 56.

SPM, WB, S, BSM, SPT, BSS.

New loc.: V (V.1939 - coll. MP).

0-1000 m; V-VIII.

South Europe (except for Iberian Peninsula).

Bembidion (Synechostictus) decoratum (Duftschmid, 1812)

Fauna Austr., 2, p. 213 (*Elaphrus*).

Bembidion decoratum: Vassilev, 1988 b, p. 88.

MPO (Gorna Breznitsa), SPT, R (Bistritsa).

200-1000 m; VII.

Central and South Europe (mountains), Caucasus.

Subgenus Pseudolimnaeum Kraatz, 1888

Bembidion (Pseudolimnaeum) doderoi Ganglbauer, 1892

Wien. Ent. Ztg., 11, p. 314.

Bembidion doderoi: Hieke & Wräse, 1988, p. 57. Guéorguiev, 1992, p. 65.

V, R (Rilski manastir), P, M (Gotse Delchev).

V-VI.

Central and South-East Europe (mountains).

Subgenus Limnaeum Stephens, 1828

Bembidion (Limnaeum) nigropiceum (Marsham, 1802)

Ent. Brit., p. 468 (*Carabus*).

Bembidion nigropiceum: Muche, 1965, p. 74. Hieke & Wräse, 1988, p. 57.

BSS (Vlas, Pomorie).

West and South Europe (except for Iberian Peninsula), Crimea (halobiont).

Subgenus Nepha Motschulsky, 1864

Bembidion (Nepha) caucasicum Motschulsky, 1844

Mém. Acad. Sci. St. Pétersb., 5, p. 260.

Bembidion caucasicum: G. Müller, 1937, p. 124. Hieke & Wräse, 1988, p. 56. Guéorguiev, 1989, p. 83.

SPM, V, R, P.

1500-2500 m; V-VIII.

Balkan Peninsula, Asia Minor, Caucasus.

Bembidion (Nepha) menetriesi retipenne J. Müller, 1918

Kol. Rundsch., 7, p. 102.

Bembidion menetriesi retipenne: Hieke & Wrase, 1988, p. 55.

RDW (Dospat).

Balkan Peninsula, Asia Minor.

Bembidion (Nepha) menetriesi rufimacula J. Müller, 1918

Kol. Rundsch., 7, p. 103.

Bembidion menetriesi: Apfelbeck, 1904, p. 108.

Bembidion menetriesi retipenne: Maran, 1933 a, p. 90.

Bembidion menetriesi rufimacula: Hieke & Wrase, 1988, p. 55. Guéorguiev, 1992, p. 65.

V, MPO (Gorna Breznitsa), P, SL.

800-1500 m; VI-VII.

Balkan Peninsula, Asia Minor, ? Lebanon.

Bembidion (Nepha) tetragrammum illigeri Netolitzky, 1914

Ent. Bl., 10, p. 53.

Bembidion genei: Apfelbeck, 1904, p. 108. Netolitzky, 1912, p. 158. Hieke & Wrase, 1988, p. 55.

Bembidion callosum: Rambousek, 1912, p. 74.

Bembidion illigeri: Vassilev & Necheva, 1990, p. 131.

D (Lom), PR (Chiren), WB, V, SG, SPT, R (Borovets).

New loc.: S (Malko Tarnovo, V.1939 - coll. MP), M (Gotse Delchev, VI.1938 - coll. MP), SL (VI.1938 - coll. MP).

200-1600 m; V-VII.

Europe, Asia Minor, Caucasus, North-West Africa.

Bembidion (Nepha) tetragrammum dissimile G. Müller, 1943

Boll. Soc. ent. ital., 73, p. 13.

Bembidion genei: Hieke & Wrase, 1988, p. 55.

Bembidion tetragrammum dissimile: Wrase, 1991, p. 7.

BSS.

V-VII.

Sicily, Balkan Peninsula.

Subgenus **Bembidionetolitzky** Strand, 1929

Bembidion (Bembidionetolitzky) fasciolatum (Duftschmid, 1812)

Fauna Austr., 2, p. 210 (*Elaphrus*).

Bembidion fasciolatum: Nedelkov, 1909a, p. 8.

WB (Sofia).

West, Central and South Europe, European part of Russia.

NOTE: According to Hieke & Wräse (1988, p. 47), this species does not occur in Bulgaria and South Europe, although it has been recorded by Apfelbeck (1904, p. 86) from Slovenia, Bosnia and Montenegro. Latter Csiki (1928, p. 81) mentioned this species from Istria as well. The presence of this species in Italy and Greece has been confirmed recently by Bonavita & Vigna Taglianti (1993, p. 69).

Bembidion (Bembidionetolitzky) concoeruleum Netolitzky, 1943

Kol. Rundsch., 29, p. 114.

Bembidion coeruleum: Apfelbeck, 1904, p. 87. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 71. Vassilev & Necheva, 1989, p. 50.

Bembidion coeruleum astrabadense: Hieke & Wräse, 1988, p. 47.

Ocydromus concoeruleus: Bonavita & Vigna Taglianti, 1993, p. 84.

PR, SPM, WB, V, PO, SPT, P, RDE (Momchilgrad), BSS.

0-1000 m; IV-VI.

Italy, Balkan Peninsula, Asia Minor, Caucasus, Iran.

Bembidion (Bembidionetolitzky) tibiale (Duftschmid, 1812)

Fauna Austr., 2, p. 209 (*Elaphrus*).

Bembidion tibiale: Apfelbeck, 1904, p. 88. Rambousek, 1912, p. 72. Hieke & Wräse, 1988, p. 47. Vassilev & Marintcheva, 1992, p. 102.

SPM, WB, V, S, SPT, R, P, RDW.

New loc.: K (Ruy - Erma River, VIII.1992 - coll. auct.), BB (V.1988 - coll. auct.).

200-1800 m; V-VIII.

West, Central and South Europe, Asia Minor, Caucasus.

Bembidion (Bembidionetolitzky) rhodopense Apfelbeck, 1902

Münch. Kol. Zeitschr., 1, p. 66. Loc. typ.: "West Rhodope" (= Rila).

Bembidion rhodopense: Apfelbeck, 1904, p. 89. Rambousek, 1912, p. 72. Maran, 1933 a, p. 89. Hieke & Wräse, 1988, p. 47.

SPM, R (not Rhodope Mts.), P.

1000-2500 m; VI.

Balkan Peninsula (Montenegro, Albania, Bulgaria, Macedonia,).

Bembidion (Bembidionetolitzkya) geniculatum Heer, 1837

Käf. Schweiz, 2, p. 51.

Bembidion redtenbacheri: Apfelbeck, 1904, p. 89. Netolitzky, 1912, p. 158; 1915 (Verbreitungskarte). Rambousek, 1912, p. 72.

Bembidion geniculatum: Hieke & Wrase, 1988, p. 48. Guéorguiev, 1992, p. 64.

SPM, PO, S, SPT, R, P, RDW.

New loc.: SL (VI.1938 - coll. MP).

300-1980 m; V-VII.

Central and South Europe, Caucasus.

Bembidion (Bembidionetolitzkya) varicolor (Fabricius, 1803)

Index alphab. Syst. Eleuth., p. 19 (*Carabus*).

Bembidion tricolor: Apfelbeck, 1904, p. 87. Ioakimov, 1904, p. 10. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 7. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 71. Hieke & Wrase, 1988, p. 46.

D (Lom), SPW, SPM, WB, SPT (Lilyanovo), R, RD.

New loc.: P (Banderitsa, VI.1938 - coll. MP).

Central and South Europe (except for Iberian Peninsula), Asia Minor, Caucasus.

Subgenus *Peryphiolus* Jeannel, 1941**Bembidion (Peryphiolus) monticola Sturm, 1825**

Dtschl. Ins., 6, p. 135.

Bembidion monticola: Hieke & Wrase, 1988, p. 48. Vassilev, 1988b, p. 88.

SPT, R (Rilski manastir), RDW (Kochan).

200-1400 m; VI-VIII.

West, Central and South Europe (mountains), Caucasus.

Subgenus *Peryphanes* Jeannel, 1941**Bembidion (Peryphanes) deletum Serville, 1821**

Faune fran , 8, Col., p. 77.

Bembidion nitidulum: Apfelbeck, 1904, p. 97. Ioakimov, 1904, p. 10. Rambousek, 1912, p. 72. Drenowski, 1937, p. 10. Hieke & Wrase, 1988, p. 53. Guéorguiev, 1992, p. 65.

SPM, V, SG, T, SPT, R, P, SL, RDW.

New loc.: SPW (Petrohan, 1300-1400 m, VI.1961 - coll. auct.).

300-1900 m; V-X.

Europe (except for Iberian Peninsula), Asia Minor, Caucasus, North Africa.

Bembidion (Peryphanes) incognitum G. Müller, 1931

Boll. Soc. ent. ital., 63, p. 34.

Bembidion incognitum: Vassilev, 1988 b, p. 88.

BSM (Blagoevgrad), P.

New loc.: SL (VI.1938 - coll. MP, sub *B. alpinum* Dej.).

600-1800 m; IV, VI-VII, IX.

Alps, Carpathian Mts., Balkan Peninsula.

Bembidion (Peryphanes) dalmatinum Dejean, 1831

Spec. gén. Col., 5, p. 143.

Bembidion dalmatinum: Apfelbeck, 1904, p. 97. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 72. Hieke & Wräse, 1988, p. 53.

D, PR, SPW, SPM, SPE, WB, PO, SG, T, S, SPT, R, P, RDW, BSN, BSS.

New loc.: V (VIII.1968 - coll. MP), SL (VI.1935 - coll. MS, VI.1938 - coll. MP and 1 ex. - coll. auct.), M (Gotse Delchev, VI.1938 - coll. MP).

0-1600 m; V-VIII.

Central and South-East Europe, Asia Minor, Transcaspia.

Bembidion (Peryphanes) castaneipenne Duval, 1851

Ann. Soc. ent. Fr., (2) 9, p. 575.

Bembidion castaneipenne: Apfelbeck, 1904, p. 91. Netolitzky, 1911, p. 60; 1912, p. 158. Rambousek, 1912, p. 72. Hieke & Wräse, 1988, p. 54.

D, SPM, PO, T, RDW, RDE, BSS.

New loc.: SG (Starozagorski bani, VI.1961 - coll. auct.), R (Borovets, 1400 m, VII.1927 - coll. MS), SL (VI.1938 - coll. MP).

V-VIII.

Balkan Peninsula, Asia Minor.

Bembidion (Peryphanes) stephensi Crotch, 1869

Cat. Brit. Col. (ed.2), 5, p. 112.

Bembidion stephensi: Netolitzky, 1912, p. 158. Panin, 1942, p. 579. Hieke & Wräse, 1988, p. 54. Wräse, 1991, p. 6.

Bembidion stephensi florentinum: Guéorguiev & Beron, 1962, p. 325.

D (Siliistra), PR, SPM, SPT, R, RDW (Batak).

300-1150 m; VI-IX.

Europe.

Bembidion (Peryphanes) brunnicorne Dejean, 1831

Spec. gén. Col., 5, p. 141.

Bembidion brunnicorne: Rambousek, 1912, p. 73. Vassilev, 1988, p. 88. Beron, 1994, p. 47.

Bembidion milleri: Hieke & Wrase, 1988, p. 54.

PR, SPE (Sliven), SG (Germanski manastir), BSM, SPT, P, DRW (Bachkovo), RDE (Perperek), BSS.

New loc.: V (V.1939 - coll. MP) and K (Ruy-Erma river, VIII.1992- coll. auct.).

0-1800 m; IV-X.

Central and South-East Europe, Caucasus.

NOTE: According to Müller-Motzfeld (in litt.), *Bembidion milleri* Duval, 1851 does not occur in Bulgaria.

Bembidion (Peryphanes) grandipenne Schaum, 1862

Berl. ent. Zeitschr., 6, p. 113.

Bembidion grandipenne: Maran, 1933 a, p. 89. Guéorguiev, 1992, p. 65.

MPO (River Breznitsa), P.

1000-1800 m; VI-VII.

Balkan Peninsula, Asia Minor.

Subgenus Ocyturanes Müller-Motzfeld, 1986**Bembidion (Ocyturanes) praeustum Dejean, 1831**

Spec. gén. Col., 5, p. 120.

Bembidion praeustum: Rambousek, 1912, p. 72. Hieke & Wrase, 1988, p. 52. Guéorguiev, 1989, p. 83; 1992, p. 65.

SPM, BSM (Krupnik), SPT, P, SL, RDE (Perperek), BSS.

New loc.: BSN (Balchik, VII.1961 - coll. MP).

V-VII.

South Europe (except for Iberian Peninsula), Asia Minor, Syria.

Bembidion (Ocyturanes) balcanicum Apfelbeck, 1899

Ent. Nachr., 25 (19), p. 289.

Bembidion balcanicum: Apfelbeck, 1904, p. 107. Rambousek, 1912, p. 73. Hieke & Wrase, 1988, p. 52. Guéorguiev, 1992, p. 65.

SPM, V, R, P, SL.

New loc.: "Rhodopes" (1 ex. - coll. MP).

1500-2500 m; VI-VIII.

South Austria, Romania, Balkan Peninsula.

Bembidion (Ocyturanes) signatipenne Duval, 1852

Ann. Soc. ent. Fr., (2) 10, p. 151.

Bembidion parnassium: Maran, 1933 a, p. 89.

MPO (River Breznitsa), P.

1000 m; VI-VII.

Balkan Peninsula, Asia Minor.

Subgenus Peryphus Dejean, 1821

Bembidion (Peryphus) subcostatum javurkovaе Fassati, 1944

Sborn. ent. odd. Nar. Mus. Praze, 21-22, p. 294.

Bembidion ustulatum: Apfelbeck, 1904, p. 93. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 7. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 72. Roubal, 1933, p. 106. Panin, 1942, p. 580.

Bembidion ustulatum var. *subcostatum*: Maran, 1933 a, p. 89.

Peryphus subcostatum: Guéorguiev & Beron, 1962, p. 325.

Bembidion subcostatum javurkovaе: Hieke & Wrase, 1988, p. 52.

Bembidion tetricolum: Vassilev & Necheva, 1990, p. 131.

D, PR, SPM, V, K, PO, SG, T, ST, B, SPT, R, P, RDW, RDE, BSN, BSS.

New loc.: WB (Pancharevo, VI.1925 - coll. MS), SL (VI.1938 - coll. MP; Paril, VI.1988 and Kalimantsi, IV.1993 - coll. auct.), M (Gotse Delchev, VI.1938 - coll. MP and Musomishte, V.1987 - coll. auct.).

0-2190 m; III-IX.

North Italy, Austria, Balkan Peninsula.

Bembidion (Peryphus) femoratum Sturm, 1825

Dtschl. Ins., 6, p. 117.

Bembidion andrae (sic!) var. *femoratum*: Ioakimov, 1904, p. 11. Netolitzky, 1912, p. 158.

Bembidion femoratum: Anonymous, 1907, p. 286. Hieke & Wrase, 1988, p. 51.

Bembidion femoratum caucasicola: Vassilev & Necheva, 1989, p. 50.

PR, SPM, WB, K, PO, SG, T, BSM, SPT, R, RDW, RDE, BSN.

New loc.: D (Krivina, VI.1961 - coll. auct.), P (VI.1929 - coll. MP and Bunderitsa, VI.1938 - coll. MS), SL (VI.1938 - coll. MP, sub *B. alpinum* Dej.).

50-1100 m; V-IX.

Europe, Asia Minor, Caucasus, West Siberia, Mongolia.

Bembidion (Peryphus) andreae bualei Duval, 1852

Ann. Soc. ent. France, (2) 10, p. 134.

Bembidion andreae: Apfelbeck, 1904, p. 92. Ioakimov, 1904, p. 11. Rambousek, 1912, p. 72.

Bembidion andreae var. *bualei*: Netolitzky, 1912, p. 158.

Bembidion bualei: Netolitzky, 1937, p. 240.

Bembidion andreae bualei: Hieke & Wräse, 1988, p. 51.

D, PR, SPM, WB, PO, T, ST, BSM, R, P, RDW, RDE, BSS.

New loc.: V (III.1909 - coll. MP).

0-1500 m; III-VII, IX.

West, Central and South Europe, ? Asia Minor, ? Caucasus.

Bembidion (Peryphus) andreae albanicum G. Müller, 1935

Boll. Soc. ent. ital., 67, p. 152.

Bembidion andreae albanicum: Hieke & Wräse, 1988, p. 51.

SPT.

New loc.: SL (VI.1938 - coll. MP sub *B. albanicum* J. Müll.), M (Gotse Delchev, VI.1938 - coll. MP).

200-600 m; VI-VII.

Albania, Greece, Bulgaria.

Bembidion (Peryphus) cordicolle Duval, 1851

Ann. Soc. ent. Fr., (2) 9, p. 571.

Bembidion cordicolle: Hieke & Wräse, 1988, p. 48.

BSS (Vlas).

Balkan Peninsula, Asia Minor.

Bembidion (Peryphus) testaceum (Duftschmid, 1812)

Fauna Austr., 2, p.214 (*Elaphrus*).

Bembidion testaceum: Apfelbeck, 1904, p. 92. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 72. Hieke & Wräse, 1988, p. 50.

D, PR, SPM, WB, K (Zemen), T, BSM, SPT, R, RDW, RDE (Perperek), BSS.

New loc.: P (V-VI.1929 - coll. MP).

0-1200 m; V-VII.

West, Central and South Europe, Asia Minor, Caucasus.

Subgenus **Omoperyphus** Netolitzky, 1931

Bembidion (Omoperyphus) semibraccatum Netolitzky, 1911

Wien. Ent. Ztg., 30, p. 193.

Bembidion hypocrita: Rambousek, 1912, p. 73.

Bembidion hypocrita illyricum: Maran, 1933 a, p. 89.

Bembidion semibracatum (sic!): Hieke & Wrase, 1988, p. 48.

SPM, SPT, R, RDW (Pamporovo).

400-1700 m; VI.

Bulgaria, Asia Minor.

Subgenus **Euperyphus** Jeannel, 1941

Bembidion (Euperyphus) combustum Ménétriés, 1832

Cat. rais., p.138.

Bembidion combustum: Apfelbeck, 1904, p. 90. Hieke & Wrase, 1988, p. 49. Guéorguiev, 1992, p. 64.

Bembidion eques combustum: Focarile, 1959, p. 67.

WB (Sofia), SPT, P, SL, BSS (Maslen nos).

New loc.: M (Gotse Delchev, VI.1938 - coll. MP).

0-1800 m; VI-VII.

South-East Europe, Asia Minor, Caucasus, Cyprus, Syria, Iran, Central Asia, Pakistan.

Subgenus **Ocydromus** Clairville, 1806

Bembidion (Ocydromus) decorum decorum (Zenker, 1801)

in: Panzer, Fauna Ins. Germ., 73, No. 4 (*Carabus*).

Bembidion decorum: Apfelbeck, 1904, p. 94. Ioakimov, 1904, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 72. Müller-Motzfeld, 1986 b, p. 154. Hieke & Wrase, 1988, p. 49.

D (Lom), PR, SPM, SPE, WB, K, PO, S, R, P, SPT, RDW, RDE (Perperek), BSS.

New loc.: SPW (Churek, X.1927 - coll. MS), V (V.1939 - coll. MP), SG (Starozagorski bani, VI.1961 - coll. auct.), B (1 ex. - coll. MP).

0-1800 m; V-VIII, X-XI.

West, Central and South Europe, Central Asia, North Africa.

Bembidion (Ocydromus) decorum bodemeyeri K. & J. Daniel, 1902

Münch. Kol. Ztschr., 1, p. 101.

Bembidion (Ocydromus) decorum bodemeyeri: Müller-Motzfeld, 1986 b, p. 157.

RDW, BSS.

0-1300 m.

Bulgaria, Greece, Macedonia, Turkey, ? Afghanistan.

Bembidion (Ocydromus) siculum smyrnense Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 94.

Bembidion siculum: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 72.

Bembidion (Ocydromus) siculum smyrnense: Müller-Motzfeld, 1986 b, p. 170. Hieke & Wrase, 1988, p. 49.

Bembidion siculum rebellum: Guéorguiev, 1989, p. 83.

SPM, SPE (Kosharitsa), V, PO, T (Simeonovgrad), SPT, R, P, RDE (Momchilgrad), BSN (Varna), BSS.

0-2200 m; V-VII.

Romania, Balkan Peninsula, Crimea, Asia Minor, Lebanon.

Bembidion (Ocydromus) atlanticum megaspilum Walker, 1871

List Col. Lord, p. 10.

Bembidion serdicanum Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 92. Loc. typ.: "Ferdinandovo" (= Knyazhevo near Sofia).

Bembidion chaudoiri: Anonymous, 1907, p. 286.

Bembidion serdicanum: Netolitzky, 1912, p. 158.

Bembidion atlanticum megaspilum: Hieke & Wrase, 1988, p. 50. Guéorguiev, 1992, p. 64.

SPM, WB (Sofia), SPT (Melnik), P, SL, M (Gotse Delchev), BSS.

0-1800 m; V-VI.

Hungary, South Europe (except for Iberian Peninsula and Italy), Crimea, Asia Minor to Himalaya, North Africa, Ethiopia.

Bembidion (Ocydromus) modestum (Fabricius, 1801)

Syst. Eleuth., 1, p. 185 (*Carabus*).

Bembidion modestum: Apfelbeck, 1904, p. 93. Netolitzky, 1912, p. 158. Hieke & Wrase, 1988, p. 49.

D, WB (Sofia), PO, SPT, P.

200-1230 m; V-VII.

Central Europe, Balkan Peninsula (mountains).

Subgenus *Testediolum* Ganglbauer, 1892

***Bembidion (Testediolum) glaciale* Heer, 1840**

Käf. Schweiz, 1, p. 50.

Bembidion glaciale: Apfelbeck, 1904, p. 105. Rambousek, 1912, p. 73. Guéorguiev, 1988, p. 75; 1990, p. 135. Vassilev, 1992, p. 26.

SPM (Cherni Osam), V, R, P, RDW (Devin).

700-2520 m; VI-X.

Alps, Carpathians, Balkan Peninsula.

TRIBUS POGONINI

Genus *Cardioderus* Dejean, 1828

Spec. gén. Col., 3, p. 22 (*Cardiaderus*) (sic!). Type-species: *Daptus chloroticus* Fischer-Waldheim, 1823.

***Cardioderus chloroticus* (Fischer-Waldheim, 1823)**

Entomogr. russici, 2, p. 40 (*Daptus*).

Cardioderus chloroticus: Maran, 1933 a, p. 33. Hieke & Wrase, 1988, p. 66. Guéorguiev, 1992, p. 65.

BSS (Burgas, Ropotamo)

VI.

Balkan Peninsula, South Russia, Caucasus, Turkmenia, Kazakhstan, Altai.

Genus *Pogonus* Nicolai, 1822

Diss. Col. Agr. Halae, p. 15. Type-species: *Carabus chalceus* Marsham, 1802

Subgenus *Pogonus* s. str.

***Pogonus (Pogonus) luridipennis* (Germar, 1822)**

Fauna Ins. Eur., 7, No 3 (*Harpalus*).

Pogonus luridipennis: Apfelbeck, 1904, p. 148. Rambousek, 1912, p. 78. Karnoschitzky, 1950, p. 30. Hieke & Wrase, 1988, p. 67.

Pogonus luridipennis var. *flavipennis*: Karnoschitzky, 1950, p. 30.

BSN (Varna), BSS (Burgas, Sozopol).

0-50 m; VI-VII.

West and South Europe, West Siberia, Kazakhstan, Mongolia, North Africa. (rare, halobiont).

Pogonus (Pogonus) iridipennis Nicolai, 1822

Diss. Col. Agr. Halae, p. 16.

Pogonus iridipennis: Anonymous, 1907, p. 286. Karnoschitzky, 1950, p. 30. Hieke & Wrase, 1988, p. 67. Guéorguiev, 1992, p. 65.

BSN (Varna), BSS.

VI-VII.

Central Europe, Balkan Peninsula, South Russia, Asia Minor, Caucasus, Central Asia, Kazakhstan, South Siberia, Mongolia, Far East (Vladivostok region).

Pogonus (Pogonus) litoralis (Duftschmid, 1812)

Fauna Austr., 2, p. 183 (*Carabus*).

Pogonus litoralis: Apfelbeck, 1894, p. 547; 1904, p. 149. Hieke & Wrase, 1988, p. 67.

BSS (Vlas to Burgas).

New loc.: BSN (Varna, V.1921 - coll. MS and Zlatni pyasatsi - coll. K. Hurka).
0-50 m; V-VIII.

North, West and South Europe, Ukraine, Crimea, North-West Africa, Syria.

Subgenus Raptor Lutshnik, 1926**Pogonus (Raptor) orientalis Dejean, 1828**

Spec. gén. Col., 3, p. 16.

Pogonus orientalis: Hieke & Wrase, 1988, p. 68.

BSS (Vlas to Sozopol).

East Balkan Peninsula, Crimea, Turkmenia, Kazakhstan.

Pogonus (Raptor) olivaceus Carret, 1903

L'Echange, 19, p. 134.

Pogonus olivaceus: Rambousek, 1912, p. 78.

BSS (Burgas).

Balkan Peninsula (Greece, Bulgaria).

Pogonus (Raptor) riparius Dejean, 1828

Spec. gén. Col., 3, p. 16.

Pogonus riparius: Karnoschitzky, 1950, p. 31.

BSN (Varna), BSS (Burgas).

0-50 m; V-VI, IX.

South Europe, Asia Minor.

NOTE: According to Hieke & Wräse (1988, p. 67), the record by Karnoschitzky (1950, not "1949") in "Varna" perhaps refers in fact to *P. orientalis* Dejean.

Pogonus (Raptor) persicus Chaudoir, 1842

Bull. Soc. Nat. Mosc., 15, p. 821.

Pogonus persicus: Apfelbeck, 1904, p. 149. Rambousek, 1912, p. 78. Panin, 1941, p. 546. Karnoschitzky, 1950, p. 32. Hieke & Wräse, 1988, p. 68.

D (Ruse), SPE (Kosharitsa), BSN, BSS.

0-200 m; III-X.

South-East Europe, South Russia, Transcaucasia, Iran.

Subgenus Pogonulus Lutshnik, 1926

Pogonus (Pogonulus) punctulatus Dejean, 1828

Spec. gén. Col., 3, p. 18.

Pogonus punctulatus: Karnoschitzky, 1950, p. 33. Hieke & Wräse, 1988, p. 68. Wräse, 1991, p. 7.

BSN (Shabla, Varna), BSS (Pomorie, Burgas).

0-50 m; III-VI.

Hungary, Romania, Balkan Peninsula, Russia, Asia Minor, Caucasus, Central Asia to China, Siberia.

Subgenus Pogonoidius Carret, 1903

Pogonus (Pogonoidius) meridionalis Dejean, 1828

Spec. gén. Col., 3, p. 17.

Pogonus meridionalis: Guéorguiev, 1992, p. 65.

D (Dobrogea - without exact locality, 1 ex.- coll. MP).

New loc.: BSS (Tsarevo, VII.1972 - coll. K. Hurka).

VII.

South Europe, Romania, South Russia, Siberia.

Genus Pagonistes Chaudoir, 1871

Ann. Soc. ent. Belg., 14, p. 32. Type-species: *Pogonus gracilis* Dejean, 1828.

Subgenus Pagonistes s. str.**Pagonistes (Pagonistes) rufoaeneus (Dejean, 1828)**

Spec. gén. Col., 3, p. 19 (*Pogonus*).

Pogonus rufoaeneus: Apfelbeck, 1904, p. 151. Rambousek, 1912, p. 78. Karnoschitzky, 1950, p. 33; 1954, p. 21. Caspers, 1952, p. 257. Guéorguiev, 1992, p. 65.

Pagonistes rufoaeneus: Hieke & Wräse, 1988, p. 66.

BSN (Shabla), BSS.

0-100 m; V-VII. Halobiont.

Romania, Balkan Peninsula, South Russia, Asia Minor, Caucasus, Central Asia.

Subgenus Eupagonistes Carret, 1903**Pagonistes (Eupagonistes) convexicollis Chaudoir, 1871**

Ann. Soc. ent. Belg., 14, p. 33.

Pagonistes convexicollis: Hieke & Wräse, 1988, p. 67.

BSS (Pomorie, Burgas).

VI.

Balkan Peninsula, South Russia, Asia Minor.

SUBFAMILIA PATROBINAE

TRIBUS PATROBINI

Genus Patrobus Dejean, 1821

Cat. coll. col. Dejean, p. 10. Type-species: *Carabus rufipes* Duftschmid, 1812.

Patrobus atrorufus (Ström, 1768)

Kgl. Norske Vidensk. Selsk. Skr., 4, p. 331 (*Carabus*).

Patrobus excavatus var. *bulgaricus* Roubal, 1928, Col. Centralbl., 3, p. 89. Loc. typ.: "Germanski manastir" (= Lozenska planina).

Patrobus excavatus: Apfelbeck, 1904, p. 147. Rambousek, 1912, p. 78.

Patrobus excavatus var. *bulgaricus*: Kuhnelt, 1941, p. 178.

Patrobus atrorufus: Guéorguiev, 1992, p. 65.

SPW (Varshets), WB, PO (Klisura), SG, RDW (Chepelare).

400-1100 m; VI-VII.

North and Central Europe, North Italy, Balkan Peninsula, Caucasus, West Siberia.

TRIBUS DELTOMERINI

Genus **Deltomerus** Motschulsky, 1850

Kaf. Russl., p. 10. Type-species: *Platynus elongatus* Dejean, 1831.

Deltomerus sterbae (Rambousek, 1909)

Cas. Csl. Spol. ent., 6, p. 114 (*Penetretus*).

Deltomerus sterbai (sic!): Guéorguiev, 1992, p. 66.

SG (Lozenska planina, Germanski manastir).

VI.

Macedonia, Bulgaria.

SUBFAMILIA PTEROSTICHINAE

TRIBUS PTEROSTICHINI

Genus **Stomis** Clairville, 1806

Ent. Helv., 2, p. 46. Type-species: *Carabus pumicatus* Panzer, 1796.

Stomis pumicatus (Panzer, 1796)

Fauna Ins. Germ., 30, p. 16 (*Carabus*).

Stomis pumicatus: Rambousek, 1912, p. 91. Hieke & Wrase, 1988, p. 69. Vassilev & Marintcheva, 1992, p. 102.

D (Ruse), V, PO, SPT (Sandanski), P (Popina laka), RDW (Pamporovo), BSN (Varna), BSS (Pomorie).

100-1600 m; V-VII.

Europe, Asia Minor, Caucasus.

Genus **Xenion** Tschitschérine, 1902

Rev. Russe Ent., 2, p. 1. Type-species: *Pterostichus ignitus* Kraatz, 1875.

Xenion ignitum (Kraatz, 1875)

Dtsch. ent. Zeitschr., 19, p. 417 (*Pterostichus*). Loc. typ.: "Rhilo Dagh" (= Rila).

Xenion ignitum laticolle Maran, 1930, Cas. Csl. Spol. ent., 27 (5-6), p. 118. Loc. typ.: "Alibotus-Gebirge" (= Slavyanka).

Pterostichus ignitus: Apfelbeck, 1894, p. 546.

Xenion ignitum: Apfelbeck, 1904, p. 215. Nedelkov, 1909 a, p. 12. Rambousek, 1912, p. 92. Hieke & Wräse, 1988, p. 69.

SPM, V, SG, R, P, SL, RDW.

New loc.: M (Ognyanovo, VI.1983 - coll. auct.).

800-2400 m; V-VIII.

Bulgaria, Macedonia.

Genus **Myas** Dejean, 1828

Spec. gén. Col., 3, p. 423. Type-species: *Abax chalybaeus* Palliardi, 1825

Myas chalybaeus (Palliardi, 1825)

Beschr. Zwei Decad. Carab., p. 41 (*Abax*).

Myas chalybaeus: Apfelbeck, 1904, p. 215. Ioakimov, 1904, p. 9. Rambousek, 1912, p. 92. Hieke & Wräse, 1988, p. 69. Penev, 1992, p. 96.

D, SPW, SPM, WB (Sofia), K, SG, R, RDW, BSN, BSS.

New loc.: L (IX.1985 - coll. Shtirkov), V (V.1985 - coll. R. Radev and Knyazhevo, 900 m, V.1993 - coll. auct.), ST (Voden, XI.1992 - coll. auct.), S (Velika Papiya, VII.1934 - coll. MP and Valchi most, VIII.1935 - coll. MS), B (VII.1933 - coll. MP), SPT (Kresnensko defile, VII.1932 - coll. MP), RDE (Dubovets, Arda, VII.1983 - coll. K. Hurka).

0-1800 m; IV-IX, XI-XII.

South Hungary, Romania (Banat), North-East Italy, Balkan Peninsula.

Genus **Poecilus** Bonelli, 1809

Obs. ent., Tabl. synopt 1. Type-species: *Carabus cupreus* Linnaeus, 1758.

Subgenus **Poecilus** s. str.

Poecilus (Poecilus) punctulatus (Schaller, 1783)

Abhandl. Hall. Ges., 1, p. 318 (*Carabus*).

Poecilus punctulatus: Wrase, 1991, p. 7.

D (Senokos).

North and Central Europe, Bulgaria, Siberia, Turkestan.

Poecilus (Poecilus) koyi (Germar, 1824)

Ins. spec. nov., 1, p. 16 (*Pterostichus*).

Poecilus koyi: Rambousek, 1912, p. 93.

East Bulgaria (without exact locality).

Central and South Europe, East Russia, Siberia.

Poecilus (Poecilus) lepidus (Leske, 1785)

Reise Sachs., 1, p. 17 (*Carabus*).

Pterostichus lepidus: Apfelbeck, 1904, p. 253. Nedelkov, 1909 a, p. 12. Rambousek, 1912, p. 93.

Poecilus lepidus: Ioakimov, 1904, p. 8. Kovachev, 1905, p. 5. Netolitzky, 1912, p. 159. Hieke & Wrase, 1988, p. 70.

D (Ruse), SPM, WB, SG, T, SPT, R, P, RDW.

New loc.: V (Bistritsa, VIII.1936 - coll. MP), PL (Kokalyanski manastir, VII.1936 - coll. MS), S (VII.1933 - coll. MS).

200-2000 m; IV-IX.

Europe, Siberia, Manchuria.

Poecilus (Poecilus) cupreus (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 416 (*Carabus*).

Pterostichus cupreus: Apfelbeck, 1904, p. 253. Nedelkov, 1909 a, p. 12. Rambousek, 1912, p. 93. Panin, 1941, p. 547.

Poecilus cupreus: Ioakimov, 1904, p. 8. Markovitch, 1909, p. 5. Hieke & Wrase, 1988, p. 70.

Poecilus cupreus var. *affinis*: Ioakimov, 1904, p. 8.

Pterostichus cupreus var. *affinis*: Rambousek, 1912, p. 93.

D, SPM, SPE, WB, V, K, PO, T, S, SPT, R, RDW, BSN, BSS.

New loc.: S (Izgrev, V.1931 - coll. MS).

0-1300 m; IV-X.

Europe, Asia Minor, Caucasus, Syria, Central Asia, Siberia.

Poecilus (Poecilus) anatolicus (Chaudoir, 1850)

Bull. Soc. Nat. Mosc., 23, p. 130 (*Feronia*).

Poecilus anatolicus: Wrase, 1992, p. 127.

WB (Dragoman), BSS (Burgas, Arkutino).

0-400 m.

Bulgaria, Asia Minor.

Poecilus (Poecilus) versicolor (Sturm, 1824)

Dtschl. Ins., 5, p. 99 (*Pterostichus*).

Pterostichus coerulescens: Apfelbeck, 1904, p. 255. Nedelkov, 1909 a, p. 12.

Poecilus versicolor: Hieke & Wrase, 1988, p. 70.

SPM, V, SG, T, ST, R, RDW.

New loc.: SPW (Botevgradski prohod, VI.1919 - coll. MS and Lakatnik, V.1926 - coll. MS), WB (Sofia - Knyazhevo, V.1909 - coll. MS), SPT (Petrich, VI.1957 - coll. K. Hurka).

300-2000 m; V-VIII.

Europe, Caucasus, Siberia up to Baikal and Yakutia in the east, ? Japan, Greenland.

Poecilus (Poecilus) cursorius (Dejean, 1828)

Spec. gén. Col., 3, p. 210 (*Feronia*).

Feronia cursoria: Anonymous, 1907, p. 284.

Poecilus cursorius: Hieke & Wrase, 1988, p. 71.

BSS (from Nesebar to Ropotamo).

New loc.: RDE (Dubovets - Arda, VI.1983 - coll K. Hurka).

VI.

Central and South Europe, Asia Minor, Cyprus, Israel, Transcaucasia.

Poecilus (Poecilus) striatopunctatus (Duftschmid, 1812)

Fauna Austr., 2, p. 160 (*Carabus*).

Pterostichus striatopunctatus: Apfelbeck, 1904, p. 255. Schatzmayr, 1942, p. 58.

D (Svishtov, Srebarna).

Central and South Europe, East Europe to Siberia.

Poecilus (Poecilus) subcoeruleus (Quensel, 1806)

in: Schönh. Syn. Ins., 1, p. 184 (*Carabus*).

Poecilus subcoeruleus: Guéorguiev, 1992, p. 66.

D (Island Beskutski - Belene).

100 m; IX.

South Poland, South Russia, Bulgaria, Caucasus, Caspian region, Iran, Central Asia, South Siberia.

Subgenus Angoleus Villa, 1833

Poecilus (Angoleus) crenatus (Dejean, 1828)

Spec. gén. Col., 3, p. 226 (*Feronia*).

Poecilus gisellae: Guéorguiev, 1992, p. 66.

“Bulgaria” (1 ex. in coll. MP).

South Europe, Caucasus, North Africa, Canary Islands.

Poecilus (Angoleus) puncticollis (Dejean, 1828)

Spec. gén. Col., 3, p. 228 (*Feronia*).

Poecilus puncticollis: Hieke & Wrase, 1988, p. 71.

PO (Dolno Sahrane), BSS (Pomorie).

0-300 m.

Central, South and South-East Europe, Crimea, Asia Minor, Caucasus, Syria, Turkmenia.

Genus Pterostichus Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus fasciatopunctatus* Creutzer, 1799.

Subgenus Pedius Motschulsky, 1850

Pterostichus (Pedius) inquinatus Sturm, 1824

Dtschl. Ins., 5, p. 79.

Pterostichus inquinatus: Hieke & Wrase, 1988, p. 71. Guéorguiev, 1992, p. 66.

WB, L, T (Belozem), RDE (Dolna kula - Krumovgrad), BSN, BSS.

0-1000 m; III-VII.

Central, South and South-East Europe, Asia Minor, Caucasus.

Pterostichus (Pedius) longicollis (Duftschmid, 1812)

Fauna Austr., 2, p. 180 (*Carabus*).

Lagarus inaequalis: Ioakimov, 1904, p. 9.

Pterostichus inaequalis: Rambousek, 1912, p. 94.

Pterostichus longicollis: Hieke & Wräse, 1988, p. 71.

D, SPE (Kosharitsa), WB, BSS.

0-700 m; V-VI.

Europe, Caucasus.

Subgenus Phonias Gozis, 1886**Pterostichus (Phonias) strenuus (Panzer, 1797)**

Fauna Ins. Germ., 38, p. 6 (*Carabus*).

Pterostichus strenuus: Rambousek, 1912, p. 95. Guéorguiev, 1988, p. 76. Hieke & Wräse, 1988, p. 72. Vassilev & Necheva, 1990, p. 131.

D (Karakus), SPM, WB, V, PO, SPT, R, P, RDW, BSS.

New loc.: SPW (Midzhur, 2000 m, IX.1923 - coll. MP), SG (Koprivshtitsa, VIII.1985 - coll. auct.).

0-2400 m; VI-IX.

Europe, Caucasus, Kirghizia, Siberia up to Transbaikalia, North America (introduced).

Pterostichus (Phonias) diligens Sturm, 1824

Dtschl. Ins., 5, p. 81.

Pterostichus diligens: Ioakimov, 1904, p. 8. Rambousek, 1912, p. 95. Hieke & Wräse, 1988, p. 72. Vassilev & Necheva, 1989, p. 51. Guéorguiev, 1992, p. 66.

V, SG (Koprivshtitsa), R, P, RDW.

850-2230 m; VII-IX.

North and Central Europe, North Spain, North Italy, Balkan Peninsula, Caucasus, Siberia, Transbaikalia.

Pterostichus (Phonias) ovoideus Sturm, 1824

Dtschl. Ins., 5, p. 59.

Pterostichus interstinctus: Rambousek, 1912, p. 95.

Pterostichus ovoideus: Hieke & Wräse, 1988, p. 72. Vassilev & Necheva, 1990, p. 131. Wräse, 1991, p. 8. Guéorguiev, 1992, p. 66.

D (Karakus), PR (Zlataritsa), SPM, L, V, SG (Lozenska planina).

200-1200 m; V-VII.

Central and South Europe, Caucasus, Siberia.

Subgenus *Argutor* Dejean, 1821
(nec Stephens, 1828; syn.: *Lagarus* Chadoir, 1838)

Pterostichus (*Argutor*) *vernalis* (Panzer, 1796)

Fauna Ins. Germ., 30, p. 17 (*Carabus*).

Pterostichus vernalis: Apfelbeck, 1904, p. 257. Rambousek, 1912, p. 94. Muche, 1965, p. 77.
Hieke & Wräse, 1988, p. 73. Vassilev & Necheva, 1990, p. 131.

D (Razgrad), SP, V, R, RDW (Batak), BSS (Nesebar).

0-2000 m; V-IX.

Europe, Caucasus, Central Asia, West Siberia, North Africa, Azores.

Pterostichus (*Argutor*) *cursor* (Dejean, 1828)

Spec. gén. Col., 3, p. 243 (*Feronia*).

Pterostichus vernalis cursor: Apfelbeck, 1904, p. 257. Karnoschitzky, 1954, p. 22. Hieke &
Wräse, 1988, p. 73. Vassilev, 1988, p. 88. Guéorguiev, 1992, p. 66.

WB (Sofia), T (Hisarya), ST, MPO (Gorna Breznitsa), SPT, P (Bansko), RDE (Arda),
BSN (Varna), BSS.

0-1000 m; III, VI-VII.

Central and South Europe, South Russia, Moldavia, Caucasus, Azerbaidzhan.

Pterostichus (*Argutor*) *leonisi* Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 257.

Pterostichus leonisi: Hieke & Wräse, 1988, p. 73.

SPE (Kosharitsa), PO (Vasil Levski), BSM (Simitli), SPT (Sandanski), RD, BSS.

0-300 m.

Austria, South-East Europe, South Russia, Ural, Caucasus.

Subgenus *Bothriopterus* Chadoir, 1838

Pterostichus (*Bothriopterus*) *oblongopunctatus* (Fabricius, 1787)

Mant. Ins., 1, p. 202 (*Carabus*).

Pterostichus oblongopunctatus: Apfelbeck, 1904, p. 258. Ioakimov, 1904, p. 8. Rambousek,
1912, p. 94. Schatzmayr, 1943, p. 85. Hieke & Wräse, 1988, p. 74. Vassilev & Necheva
1990, p. 132. Guéorguiev, 1992, p. 66.

SPW, SPM, WB, V, SG, T, ST, R, P, SL, RDW.

New loc.: MPO (Gorna Breznitsa, VII.1983 - coll. K. Hurka), B (VII.1933 - coll. MP).

300-1900 m; IV-XII.

Europe, Caucasus, Siberia, Transbaikalia, Japan.

Pterostichus (Bothriopterus) quadrifoveolatus Letzner, 1852

Zeitschr. Ent. Breslau, 6, p. 209.

Pterostichus quadrifoveolatus: Wrase, 1991, p. 8.

BSS (Burgas - Stomopolu).

New loc.: P (Popina laka, VII.1972 - coll. Hurka, sub *P. angustatus* Duft.)

Central and South Europe, Central Russia, Caucasus, ? Siberia.

Subgenus Haptoderus Chaudoir, 1838**Pterostichus (Haptoderus) macedonicus** Apfelbeck, 1918

Anz. Akad. Wiss. Wien, 6, p. 1.

Pterostichus macedonicus: Guéorguiev, 1992, p. 66.

SPM (Vezhen), B.

1000-2000 m; VII-VIII.

Macedonia, Bulgaria.

Pterostichus (Haptoderus) brevis (Duftschmid, 1812)

Fauna Austr., 2, p. 179 (*Carabus*).

Feronia brevis: Anonymous, 1907, p. 285.

Pterostichus brevis: Guéorguiev, 1992, p. 66.

B (1 ex.).

1000 m; VII.

Central and South-East Europe.

Pterostichus (Haptoderus) vecors Tschitschérine, 1896

Horae Soc. Ent. Ross., 30, p. 83. Loc. typ.: "Turquie" (= Bulgaria).

Pterostichus vecors: Apfelbeck, 1904, p. 264. Maran, 1933 a, p. 90. Jeannel, 1937, p. 20.

Schatzmayr, 1942, p. 75. Hieke & Wrase, 1988, p. 72. Hurka, 1990, p. 351. Guéorguiev, 1992, p. 66.

SPM, V, S, B.

New loc.: MPO (Gorna Breznitsa, VII.1983 - coll. K. Hurka).

400-1600 m; VI-VIII.

Bulgaria.

Pterostichus (Haptoderus) properans Chaudoir, 1868

L'Abeille, 5, p. 252.

Pterostichus acrogonus properans: Maran, 1944, p. 101.

S (2 ex.).

VII.

Bulgaria, Asia Minor.

Subgenus **Adelosia** Stephens, 1835

Pterostichus (Adelosia) macer thessalicus Schatzmayr, 1943

Kol. Rundsch., 27, p. 85.

Pterostichus macer: Apfelbeck, 1904, p. 252. Nedelkov, 1909 a, p. 12. Muche, 1965, p. 77.

Adelosia picimana: Ioakimov, 1904, p. 8.

Pterostichus macer thessalicus: Hieke & Wräse, 1988, p. 74.

D, SPE (Kosharitsa), WB, T, ST, SPT, BSN (Varna), BSS.

New loc.: RDE (Dubovets - Arda, VII.1983 - coll. K. Hurka).

0-600 m; VI-VII.

Balkan Peninsula (Greece, Bulgaria).

Subgenus **Melanius** Bonelli, 1809

Pterostichus (Melanius) nigrita (Fabricius, 1792)

Ent. Syst., 1, p. 158 (*Carabus*).

Pterostichus nigrita: Apfelbeck, 1904, p. 260. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 94. Panin, 1941, p. 548. Nikolova, 1968, p. 138. Hieke & Wräse, 1988, p. 73.

Pterostichus nigritus: Ioakimov, 1904, p. 8.

SPM, WB, V, PO (Kazanlak), SG, T, SPT, R, P, RDW, BSN (Varna), BSS.

New loc.: L (above Vladaya, V.1927 - coll. MS).

0-1300 m; III-IX.

Europe, Asia Minor, Caucasus, West Turkestan, Siberia, Morocco.

Pterostichus (Melanius) anthracinus (Illiger, 1798)

Käf. Preuss., p. 181 (*Carabus*).

Pterostichus anthracinus: Apfelbeck, 1904, p. 260. Ioakimov, 1904, p. 8. Nedelkov, 1909 a, p. 12. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 94. Panin, 1941, p. 548. Hieke & Wräse, 1988, p. 74. Vassilev & Marintcheva, 1992, p. 102.

Pterostichus anthracinus var. *biimpressus*: Netolitzky, 1912, p. 159.

D, SPM, WB, V, PO, T, ST, SPT, R, BSN, BSS.

New loc.: D (Svishtov - Island Beskutski, IX.1929 - coll. MS).

0-1500 m; III-X.

Europe, Caucasus, Iran, Kirghizia.

Pterostichus (Melanius) gracilis (Dejean, 1828)

Spec. gén. Col., 3, p. 287 (*Feronia*).

Pterostichus gracilis: Netolitzky, 1912, p. 159. Wrase, 1991, p. 8.

SPM (Tryavna), WB (Dragoman).

300-1000 m; V.

Europe, Caucasus, Siberia, Transbaikalia.

Pterostichus (Melanius) minor (Gyllenhal, 1827)

Ins. Suec., 1 (4), p. 426 (*Harpalus*).

Pterostichus minor: Apfelbeck, 1904, p. 261. Rambousek, 1912, p. 95. Hieke & Wrase, 1988, p. 74.

WB (German), PO (Vasil Levski), ST (Elhovo), RDW (Smolyan), BSN (Varna), BSS (Burgas).

0-1000 m.

Europe (except for Iberian Peninsula), Caucasus, Siberia.

Subgenus *Platysma* Bonelli, 1809

Pterostichus (Platysma) niger (Schaller, 1783)

Abhandl. Ges. Halle, 1, p. 315 (*Carabus*).

Pterostichus niger bulgaricus Obenberger, 1917, Arch. Naturg., (A) 82 (4), p. 83 (= *Pterostichus niger bulgarus* Csiki, 1930, Col. Catal., 112, p. 630). Loc. typ.: "Cepelare" (= Chepelare).

Pterostichus niger: Ioakimov, 1899, p. 762; 1904, p. 8. Nedelkov, 1909 a, p. 12. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 94. Panin, 1941, p. 548. Schatzmayr, 1943, p. 86. Muche, 1965, p. 77. Hieke & Wrase, 1988, p. 75.

Feronia nigra: Markovitch, 1904, p. 8. Kovachev, 1905, p. 5.

Omaseus niger: Markovitch, 1909, p. 5.

Pterostichus niger bulgarus: Burmeister, 1939, p. 137. Schatzmayr, 1943, p. 86.

D, SPM, WB, V, PO, SG, T, SPT, R, P, RDW, BSN, BSS.

New loc.: K (Golo bardo, VIII.1992 - coll. auct.), ST (Mramor, VI.1988 - coll. R. Radev), S (Malko Tarnovo, VIII.1934 - coll. MS), B (VI.1929 - coll. MP).

0-2500 m; IV-IX, XII.

Europe, Asia Minor, Caucasus, Iran, Central Asia, Siberia.

Subgenus **Morphnosoma** Lutshnik, 1914

Pterostichus (Morphnosoma) melanarius bulgaricus Lutshnik, 1915

Rev. russe Ent., 14, p. 426.

Pterostichus vulgaris nivalis Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 259. Loc. typ.: "Kalofer und Karlovo".

Pterostichus vulgaris: Apfelbeck, 1904, p. 259. Ioakimov, 1904, p. 8. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 12. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 94.

Pterostichus vulgaris nivalis: Rambousek, 1912, p. 94.

Pterostichus melanarius bulgaricus: Hieke & Wrase, 1988, p. 75. Guéorguiev, 1990, p. 135.

D, PR, SPM, WB, V, PO, SPT, R, RDW, BSN, BSS.

New loc.: L (Knyazhevo, VI.1914 - coll. MS), K (Golobardo, 1000 m - coll. K. Hurka), T (Plovdiv - coll. auct.), B (VII.1930 and Kolarovo, VII.1930 - coll. MS), SL (Goleshovo, IV.1993 - coll. auct.).

0-2290 m; I, IV-VIII.

Austria, Bulgaria.

Subgenus **Omaseus** Stephens, 1828

Pterostichus (Omaseus) aterrimus (Herbst, 1784)

in: Füessly, Arch. Insectengesch., 5, p. 140 (*Carabus*).

Feronia aterrima: Anonymous, 1907, p. 284.

Pterostichus aterrimus: A. Müller, 1929, p. 7. Panin, 1941, p. 548. Vassilev, 1988, p. 86.

D (Reselets), T, BSN.

0-250 m; VII-X.

Europe (except for Iberian Peninsula), West Siberia, Morocco, Madeira, Azores.

Pterostichus (Omaseus) elongatus (Duftschmid, 1812)

Fauna Austr., 2, p. 128 (*Carabus*).

Feronia elongata: Anonymous, 1907, p. 284.

Pterostichus elongatus: Muche, 1965, p. 77. Hieke & Wrase, 1988, p. 76. Vassilev 1992, p. 26.

SPM, WB, T, BSS.

0-1250 m; VI-VIII.

Central and South Europe, North Africa.

Subgenus **Feronidius** Jeannel, 1942**Pterostichus (Feronidius) melas depressus** (Dejean, 1828)

Spec. gén. Col., 3, p. 274 (*Feronia*).

Pterostichus melas: Apfelbeck, 1904, p. 265. Ioakimov, 1904, p. 8. Markovitch, 1909, p. 5. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 95. Muche, 1965, p. 77. Vassilev & Marintcheva, 1992, p. 76.

Pterostichus melas depressus: Hieke & Wräse, 1988, p. 76.

D, PR (Veliko Tarnovo), SPW (Cherepish), SPM, WB, V, PO, SG, BSN, BSS.
0-1500 m; IV-IX.

Italy, Balkan Peninsula, Asia Minor.

Pterostichus (Feronidius) incommodus Schaum, 1858

Naturg. Ins. Dtschl. Col., 1 (1), p. 470.

Pterostichus incommodus: Hieke & Wräse, 1988, p. 76. Wräse, 1991, p. 8.

WB (Dragoman, Sofia), K (Golo bardo).

Moravia, Slovakia, Hungary, Bulgaria.

Subgenus **Cophosus** Dejean, 1828**Pterostichus (Cophosus) cylindricus** (Herbst, 1784)

in: Fuessly, Arch. Insectengesch., 5, p. 132 (*Carabus*).

Pterostichus cylindricus: Nedelkov, 1909 a, p. 12. Rambousek, 1912, p. 95. Hieke & Wräse, 1988, p. 76.

D (Svishtov).

50-100 m; VI.

Central Europe, Romania, Balkan Peninsula, ?Asia Minor.

Subgenus **Cheporus** Latreille, 1825**Pterostichus (Cheporus) burmeisteri** Heer, 1841

Fauna Col. Helv., p. 79.

Pterostichus metallicus: Ioakimov, 1904, p. 8. Nedelkov, 1909 a, p. 12. Rambousek, 1912, p. 95. Palm, 1966, p. 11.

SPE (Emine), V, K (Kyustendil), SG, R.

100-1400 m; V-VIII.

Central and South Europe, Balkan Peninsula.

Subgenus *Aphaon* Heyden, 1906

***Pterostichus (Aphaon) rhilensis rhilensis* Rottenberg, 1874**

Berl. ent. Zeitschr., 8, p. 327. Loc. typ.: "Rhilo Dagh" (= Rila).

Pterostichus rhilensis: Apfelbeck, 1904, p. 270. Rambousek, 1912, p. 95. Schatzmayr, 1943, p. 97. Maran, 1945, p. 55. Perrault, 1978, p. 249. Hieke & Wräse, 1988, p. 77.

R (1300-2900 m), RDW (1500 m).

VI-IX.

Bulgaria.

***Pterostichus (Aphaon) rhilensis kourili* Maran, 1933**

Ent. Nachrichtbl., 7, p. 74. Loc. typ.: Pirin.

Pterostichus rhilensis kourili: Schatzmayr, 1943, p. 98. Maran, 1945, p. 55. Grämer, 1971, p. 241. Guéorguiev, 1988, p. 75. Hieke & Wräse, 1988, p. 77.

P (1200-2915 m).

V-IX.

Bulgaria.

***Pterostichus (Aphaon) rhilensis vitosensis* Maran, 1933**

Ent. Nachrichtbl., 7, p. 75. Loc. typ.: Vitosha.

Pterostichus rhilensis: Apfelbeck, 1904, p. 270. Rambousek, 1912, p. 95.

Pterostichus rhilensis vitosensis: Schatzmayr, 1943, p. 97. Maran, 1945, p. 55. Hieke & Wräse, 1988, p. 77. Guéorguiev, 1990, p. 135.

SPM (1500-2370 m), V (1500-2290 m).

V-X.

Bulgaria.

Subgenus *Pterostichus* s. str.

***Pterostichus (Pterostichus) merkli* (Frivaldszky, 1879)**

Termész. füz. kiadja Magy. nemz. muz., 3, p. 231 (*Feronia*). Loc. typ.: "Kodzsa-Balkan" (= Central Stara planina).

Pterostichus merkli: Apfelbeck, 1904, p. 266. Ioakimov, 1904, p. 8. Netolitzky, 1912, p. 159. Schatzmayr, 1943, p. 107. Hieke & Wräse, 1988, p. 77. Guéorguiev, 1992, p. 66.

SPW (Murgash), SPM, SG (Koprivshtitsa), ST, BSS (Maslen nos).

0-1800 m; IV-VIII.

Bulgaria.

NOTE: The specimens from Maslen nos differ from the typical form, doubtlessly representing a distinct race.

Pterostichus (Pterostichus) brucki Schaum, 1859

Berl. ent. Zeitschr., 3, p. 47.

Pterostichus brucki: Apfelbeck, 1904, p. 267. Ioakimov, 1904, p. 8. Rambousek, 1912, p. 95. Schatzmayr, 1943, p. 107. Hieke & Wräse, 1988, p. 78. Guéorguiev, 1992, p. 66.

SPW, SPM, L, V, SG, ST (Sakar), B, R, RD.

600-1500 m; IV-VIII.

Austria, Balkan Peninsula.

Genus Rambousekiella Knirsch, 1925

Cas. Csl. spol. ent., 21 (5-6), p. 85. Type-species: *Rambousekiella ledenikensis* Knirsch, 1925.

Rambousekiella ledenikensis Knirsch, 1925.

Cas. Csl. spol. ent., 21 (5-6), p. 85. Loc. typ.: "Ledenik" (= Cave Ledenika - Vratsa).

Rambousekiella ledenikensis: Beron, 1972, p. 313.

SPW (caves near Vratsa).

Bulgaria.

Genus Tapinopterus Schaum, 1856

Naturg. Ins. Dtschl. Col., 1, p. 441. Type-species: *Feronia extensa* Dejean, 1831.

Subgenus Tapinopterus s. str.

Tapinopterus (Tapinopterus) balcanicus balcanicus Ganglbauer, 1892

Käfer Mitteleuropa, 1, p. 296. Loc. typ.: "Rhilo-Dagh (= Rila).

Pterostichus balcanicus: Apfelbeck, 1904, p. 243. Rambousek, 1912, p. 93. Maran, 1933 c, p. 85.

Tapinopterus balcanicus: Ioakimov, 1904, p. 9. Maran, 1940 a, p. 56. Schatzmayr, 1943, p. 125. Hieke & Wräse, 1988, p. 78. Arndt & Hurka, 1990, p. 204.

SG, R, P, RDW, RDE.

New loc.: V (Bosnek, VI-IX.1991-1991 - coll. auct.).

500-1900 m; V-IX.

Bulgaria.

Tapinopterus (Tapinopterus) balcanicus belasicensis Maran, 1933

Mitt. K. Naturwiss. Inst. Sofia, 6, p. 44. Loc. typ.: "Belasitsa-Planina" (= Belasitsa).

Tapinopterus balcanicus var. *belasicensis*: Maran, 1933 b, p. 44.

Tapinopterus balcanicus belasicensis: Schatzmayr, 1943, p. 125. Hieke & Wräse, 1988, p. 78.
B.

New loc.: SPT (Petrich, VII.1930 - coll. MS).

1600-1900 m; VI-VII.

Bulgaria.

Tapinopterus (Tapinopterus) balcanicus bureschi Maran, 1933

Mitt. K. Naturwiss. Inst. Sofia, 6, p. 44. Loc. typ.: "Alibotusch-Gebirge" (= Slavyanka).

Tapinopterus balcanicus bureschi: Maran, 1933 b, p. 45; 1940 a, p. 56. Schatzmayr, 1943, p. 125. Hieke & Wräse, 1988, p. 78.

SL.

1500-1800 m; VI-VIII.

Bulgaria.

Tapinopterus (Tapinopterus) bartoni Maran, 1933

Sborn. ent. odd. Nar. Mus. Praze, 11, p. 90. Loc. typ: "Rila - Sub monte Mussala prope Cam-Kuriya" (= Rila, Borovets).

Tapinopterus bartoni: Maran, 1940 a, p. 56. Schatzmayr, 1943, p. 126.

Rila (Borovets), RDW (Smolyan).

1500-1600 m; VI.

Bulgaria.

NOTE: The male sex of this species remains yet unknown.

Tapinopterus (Tapinopterus) kaufmanni kalofirensis Maran, 1933

Sborn. ent. odd. Nar. Mus. Praze, 11, p. 90. Loc. typ: "Kaloferski Balcan" (= Central Stara planina).

Tapinopterus kaufmanni schuberti Mandl, 1936, Mitt. K. Naturw. Inst. Sofia, 9, p. 106. Loc. typ.: "Höher Balkan bei Karlovo und bei Kalofe" (= Central Stara planina).

Tapinopterus kaufmanni: Apfelbeck, 1904, p. 243.

Tapinopterus kaufmanni kalofirensis: Schatzmayr, 1943, p. 126. Hieke & Wräse, 1988, p. 351.
Hurka, 1990, p. 351.

SPM, PL, SG.

1000-2000 m; V-VII.

Bulgaria.

***Tapinopterus (Tapinopterus) kaufmanni kulti* Maran, 1940**

Sborn. ent. odd. Nar. Mus. Praze, 18, p. 56. Loc. typ: "Camkuriya" (= Rila - Borovets).

Tapinopterus kaufmanni: Apfelbeck, 1904, p. 243.

Pterostichus kaufmanni: Rambousek, 1912, p. 93.

Tapinopterus kaufmanni kulti: Schatzmayr, 1943, p. 126. Hieke & Wrase, 1988, p. 78.

R, RDW (Batak, Peak Karluk).

1400-2000 m; VI-VII.

Bulgaria.

***Tapinopterus (Tapinopterus) kaufmanni winkleri* Mandl, 1936**

Mitt. K. Naturw. Inst. Sofia, 9, p. 104. Loc. typ.: "Svrljecka-Planina in Ost-Serbien und westliche Stara-Planina in N. W. Bulgarien" (= West Stara planina).

Tapinopterus kaufmanni winkleri: Maran, 1940 a, p. 56. Schatzmayr, 1943, p. 126. Hieke & Wrase, 1988, p. 79.

SPW.

2100 m; VII-IX.

East Serbia, Bulgaria.

Genus *Abax* Bonelli, 1809

Obs. ent., Tab. syn. Type-species: *Carabus striola* Fabricius, 1792 (= *Carabus parallelepipedus* Piller & Mitterpacher, 1783).

Subgenus *Abax* s. str.***Abax (Abax) parallelepipedus* (Piller & Mitterpacher, 1783)**

Iter per Poseg., p. 105 (*Carabus*).

Abax ater: Muche, 1965, p. 77.

Abax parallelepipedus: Vassilev, 1988, p. 86.

SPW (Belogradchik), BSS (Nesebar).

0-650 m; VII-VIII.

Europe, North America

***Abax (Abax) parallelus* (Duftschmid, 1812)**

Fauna Austr., 2, p. 64 (*Carabus*).

Abax parallelus: Netolitzky, 1912, p. 159. Rambousek, 1912, p. 92. Hieke & Wrase, 1988, p. 79. Wrase, 1991, p. 9. Guéorguiev, 1992, p. 67.

SPW (Byala rechka), SPM, WB (Sofia), R, P (Sharlir), SL, BSN.

New loc.: V (V.1929 - coll. MP).
0-1800 m; III, V-IX.
West, Central and South-East Europe.

Abax (Abax) ovalis (Duftschmid, 1812)

Fauna Austr., 2, p. 64 (*Carabus*).
Abax ovalis: Apfelbeck, 1904, p. 216. Ioakimov, 1904, p. 8. Rambousek, 1912, p. 92. Hieke & Wrase, 1988, p. 79. Vassilev & Necheva, 1990, p. 132.
SPW, SPM, V, SG, SPT (Sandanski), R, P, RDW (Sveta Petka).
New loc.: WB (Sofia, V.1901 - coll. MS) and BSS (Maslen nos, VII.1933 - coll. MS).
0-2200 m; V-X.
Central and South-East Europe, Ukraine.

Abax (Abax) carinatus (Duftschmid, 1812)

Fauna Austr., 2, p. 66 (*Carabus*).
Abax carinatus: Ioakimov, 1904, p. 8. Netolitzky, 1912, p. 159. Hieke & Wrase, 1988, p. 79. Penev, 1992, p. 96.
D, SPM, WB, V, R, BSN (Varna), BSS.
New loc.: PR (Karlukovo, IX.1923 - coll. MP, sub *A. carinatus bulgaricus* Maran), PO (Muglisch, VII-VIII.1912 - coll. MP) and SG (Lozenska planina, VI.1908 and V.1928 - coll. MS).
0-1300 m; IV-IX.
Central and South-East Europe, Asia Minor.

Genus Molops Bonelli, 1809

Obs. ent., Tab. syn. Type-species: *Scarites piceus* Panzer, 1793.

Molops robustus robustus (Dejean, 1828)

Spec. gén. Col., 3, p. 411 (*Feronia*).
Molops robustus: Apfelbeck, 1904, p. 219. Mlynar, 1977, p. 39. Hieke & Wrase, 1988, p. 80.
SPW, SPM, SG.
New loc.: R (Kostenets, V.1912 - coll. MS).
400-1200 m; V-VI.
Romania, Balkan Peninsula.

Molops robustus parallelus Mlynar, 1977

Fol. ent. Hung., s.n., 30, suppl., p. 39. Loc. typ.: "Sofia - Ljulin" (= Lyulin).

Molops rostratus: Ioakimov, 1904, p. 9.

Molops robustus: Netolitzky, 1912, p. 159.

Molops robustus parallelus: Hieke & Wräse, 1988, p. 80.

WB (Sofia), L, V, K, R (Borovets).

400-1000 m; V-VI.

East Serbia, West Bulgaria.

Molops dilatatus dilatatus Chaudoir, 1868

L'Abeille, 5, p. 255.

Molops dilatatus var. *heydeni* Kraatz, 1875, Dtsch. ent. Zeitschr., 19, p. 374. Loc. typ.: "Rhilo Dagh" (= Rila).

Molops dilatatus: Frivaldszky, 1845, p. 167. Apfelbeck, 1904, p. 244. Ioakimov, 1904, p. 9. Rambousek, 1912, p. 92. Drenowski, 1937, p. 10. Mlynar, 1977, p. 68. Hieke & Wräse, 1988, p. 80.

Molops dilatatus heydeni: Guéorguiev, 1989, p. 83.

V, T (Plovdiv), B, SPT, R, P, SL, M (Gotse Delchev), RDW.

400-2370 m; IV-VII, IX.

Macedonia, Bulgaria, Greece.

Molops dilatatus angulicollis G. Müller, 1936

Ent. Nachr., 10, p. 103. Loc. typ.: "Balkan" (= Stara planina).

Molops dilatatus: Apfelbeck, 1904, p. 224.

Molops dilatatus angulicollis: Mlynar, 1977, p. 70. Hieke & Wräse, 1988, p. 80. Hurka, 1990, p. 331.

SPM, SG, S.

1000-2370 m; VI-VII.

Bulgaria.

Molops rhodopensis rhodopensis Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 223. Loc. typ.: "Mussala (West Rhodope)" (= Rila).

Molops rhodopensis: Rambousek, 1912, p. 92. Dobler, 1975, p. 138. Mlynar, 1977, p. 72. Hieke & Wräse, 1988, p. 81.

R, P, RDW (Pamporovo).

1000-2400 m; VII-VIII.

Bulgaria.

Molops rhodopensis kourili Maran, 1942

Cas. Csl. spol. ent., 39, p. 105. Loc. typ.: "Sarlier - vrchu" (= Pirin).

Molops rhodopensis kourili: Mlynar, 1977, p. 72. Hieke & Wrase, 1988, p. 81.

P, M (Gotse Delchev).

500-1800 m.

Bulgaria.

Molops doderoi hlisnikovskyi Mlynar, 1977

Folia ent. Hung., s.n., 30, suppl., p. 74. Loc. typ.: "Alibotus planina" (= Slavyanka).

SL.

VI.

Bulgaria.

Molops alpestris centralis Mlynar, 1977

Folia ent. Hung., s.n., 30, suppl., p. 77. Loc. typ.: "Sofia - Dragalevtsi".

Molops alpestris: Netolitzky, 1912, p. 159.

Molops alpestris centralis: Mlynar, 1977, p. 77. Hieke & Wrase, 1988, p. 81.

WB, V.

New loc.: L (III.1915 - coll. MS), SG (Lozenska planina - Germanski manastir, VI.1906 and VII.1911 - coll. MS) and OP (2000-2250 m, VI.1926 - coll. MS).

1000-2250 m; III, V-VII.

Bulgaria.

Molops alpestris rhilensis Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 225. Loc. typ.: "Rhilo-Dagh" (= Rila).

Molops alpestris ab. rhilensis: Rambousek, 1912, p. 92.

Molops alpestris rhilensis: Mlynar, 1977, p. 78. Hieke & Wrase, 1988, p. 81.

R, P, RDW.

New loc.: SL (VI.1936 - coll. MS).

900-2915 m; VI-VII, IX.

Bulgaria.

Molops alpestris kalofericus Mlynar, 1977

Folia ent. Hung., s.n., 30, suppl., p. 78. Loc. typ.: "Kalofer - Balkan" (= Central Stara planina).

Molops alpestris: Apfelbeck, 1904, p. 224. Ioakimov, 1904, p. 9. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 92.

Molops alpestris kalofericus: Mlynar, 1977, p. 80. Hieke & Wrase, 1988, p. 81.

SPW, SPM, PO (Kazanlak), SG.

New loc.: T (Stara Zagora, V.1912 - coll. MS).

300-2000 m; IV-VI.

Bulgaria.

Molops rufipes belasicensis Mlynar, 1977

Folia ent. Hung., s.n., 30, suppl., p. 124. Loc. typ.: "Belasitsa planina" (= Belasitsa).

Molops rufipes belasicensis: Mlynar, 1977, p. 126. Hieke & Wrase, 1988, p. 82.

B, SPT (Kozhuh), P.

300-1750 m; VII-VIII.

Bulgaria.

Molops rufipes golobardensis Mlynar, 1977

Folia ent. Hung., s.n., 30, suppl., p. 126. Loc. typ.: "Golo burdo" (= Golo bardo).

K.

800-1000 m; VI-VIII.

Bulgaria.

Molops rufipes klisuranus Apfelbeck, 1902

Glasn. Zem. Muz. Sarajevo, 14, p. 542. Loc. typ.: "Klisura".

Molops klisuranus: Apfelbeck, 1904, p. 222. J. Müller, 1918, p. 9.

Molops vlassinensis: Matis, 1911, p. 86.

Molops rufipes klisuranus: Dobler, 1975, p. 139. Mlynar, 1977, p. 127.

SPM, K (Milevska planina).

1000-1200 m; VII.

Serbia, Bulgaria.

Molops piceus bulgaricus Maran, 1938

Cas. Csl. spol. ent., 35, p. 67. Loc. typ.: "Rila planina: Camkurija" (= Borovets).

Molops piceus: Apfelbeck, 1904, p. 231. Ioakimov, 1904, p. 9. Rambousek, 1912, p. 93. Vassilev & Marintcheva, 1992, p. 102.

Molops piceus bulgaricus: Maran, 1938, p. 67. Mlynar, 1977, p. 136. Hieke & Wrase, 1988, p. 82. Hurka, 1990, p. 351.

SPW, SPM, V, K (Kyustendil), SG, B, R, RDW, BSS.

0-2050 m; III-X.

Macedonia, Bulgaria.

1989, p. 50. Beron, 1994, p. 47.

Anchomenus ruficornis: Guéorguiev & Beron, 1962, p. 324.

Platynus ruficornis: Hieke & Wräse, 1988, p. 83.

Agonum albipes: Vassilev, 1988 b, p. 88.

PR, SPM, WB, V, K, BSM, SPT, R, P, RDW (Ognyanovo), BSN (Varna).
0-1050 m; III-IX.

Europe, Asia Minor, Canary Islands, Azores, North Africa, North America.

Subgenus **Oxypselaphus** Chaudoir, 1843

Agonum (Oxypselaphus) obscurum (Herbst, 1784)

in: Füessly, Arch. Insecteng., 4, p. 139 (*Carabus*).

Anchomenus obscurus: Ioakimov, 1904, p. 8.

Platynus obscurum: Hieke & Wräse, 1988, p. 83. Vassilev, 1988a, p. 86. Wräse, 1991, p. 9.
D (Pleven), SPW, WB, K, T (Plovdiv), RDW (Velingrad), BSN (Varna).
Europe, Caucasus, Siberia, North America.

Subgenus **Platynus** Bonelli, 1809

Agonum (Platynus) scrobiculatum (Fabricius, 1801)

Syst. Eleuth., 1, p. 178 (*Carabus*).

Platynus scrobiculatus purkynei Obenberger, 1917

Arch. Naturg., (A) 82 (4), p. 83. Loc. typ.: "Basmakli" (= Smolyan).

Platynus scrobiculatus: Apfelbeck, 1904, p. 288. Hieke & Wräse, 1988, p. 83.

Anchomenus scrobiculatus: Ioakimov, 1904, p. 8.

Agonum scrobiculatum: Netolitzky, 1912, p. 159.

Agonum scrobiculatum var. *purkynei*: Csiki, 1931, p. 853.

WB, K (Kyustendil), R, RDW.

New loc.: V (IV.1909 - coll. MP; X.1926 - coll. MS and 1150-1350 m, X.1992 - coll. auct.), B (VII.1933 - coll. MP).

V-X.

East Alps, South Carpathians, Balkan Peninsula.

Agonum (Platynus) proximum (Frivaldszky, 1879)

Termész. Füz., 3, p. 230 (*Anchomenus*). Loc. typ.: "Alto-Balkan" (= Stara planina).

Platynus proximus: Apfelbeck, 1904, p. 289. Hieke & Wräse, 1988, p. 84.

Agonum proximum: Vassilev & Marintcheva, 1992, p. 102.

SPM, V.

1200-1800 m; VI-VII, XI.

Bulgaria.

Agonum (Platynus) serbicum (Csiki, 1904)

Rovart. Lap., 11, p. 148 (*Platynus*).

Platynus serbicus: Maran, 1933 a, p. 91.

B.

New loc.: SPT (Kresnensko defile, 1 ex. - coll. MP).

VI.

Serbia, Bulgaria.

Subgenus *Limodromus* Motschulsky, 1864

Agonum (Limodromus) assimile (Paykull, 1790)

Monogr. Carab. Suec., p. 53 (*Carabus*).

Platynus assimilis: Apfelbeck, 1904, p. 289. Hieke & Wrase, 1988, p. 84.

Anchomenus assimilis: Ioakimov, 1904, p. 8.

Agonum assimilis: Rambousek, 1912, p. 97.

SPM, WB, PL, K, SG, R, P, SPT, RDW, BSN, BSS.

New loc.: SPW (Petrohanski prohod, 1300-1400 m, VI.1961 - coll. auct.), V (Dragalevtsi, V.1912; IV.1934 - coll. MS and 1000-1350 m, X.1992 - coll. auct.).

0-2000 m; IV-XII.

Europe, Asia Minor, Caucasus, South Siberia, Far East of Russia, Sakhalin, North Mongolia, Korean Peninsula, North-East China, Japan (Hokkaido).

Agonum (Limodromus) krynickii Sperk, 1835

Bull. Soc. Nat. Mosc., 8, p. 151.

Agonum krynickii: Vassilev & Necheva, 1990, p. 132.

V.

1200-2000 m; VII-VIII.

Central and East Europe, Balkan Peninsula, North Siberia.

Subgenus Batenus Motschulsky, 1864

Agonum (Batenus) livens (Gyllenhal, 1810)

Ins. Suec., 1 (2), p. 149 (*Harpalus*).

New to Bulgaria: BSS (Burgas, IV.1909, 1 ex., Rambousek - coll. MP).

North and Central Europe, Iberian Peninsula, Balkan Peninsula, West Siberia.

Subgenus Agonum s. str.

Agonum (Agonum) sexpunctatum (Linnaeus, 1758)

Syst. Nat., ed.10, p. 416 (*Carabus*).

Platynus sexpunctatus: Apfelbeck, 1904, p. 290.

Anchomenus sexpunctatus: Ioakimov, 1904, p. 8.

Agonum sexpunctatum: Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 97. Hieke & Wrase, 1988, p. 84.

WB, SG, R, P, RDW.

New loc.: SPW (Berkovski Kom, 2000 m, VI.1922 - coll. MS), V (Vladaya, IV.1909 and V.1939 - coll. MP), S (Maslen nos, VII.1933 - coll. MS).

600-2000 m; IV-VIII.

Europe, Caucasus, Siberia, Kazakhstan, Amur region, North-East China.

Agonum (Agonum) viridicupreum (Goeze, 1777)

Ent. Beitr., 1, p. 644 (*Carabus*).

Platynus viridicupreus: Apfelbeck, 1904, p. 290.

Anchomenus viridicupreus: Ioakimov, 1904, p. 8. Markovitch, 1909, p. 5.

Agonum viridicupreum: Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 97. Hieke & Wrase, 1988, p. 84. Vassilev & Marintcheva, 1992, p. 102.

D (Razgrad), SPW, SPM, SPE (Kosharitsa), WB, V, PO, T, SPT, R, RDW, BSS.

New loc.: SG (Germanski manastir, VII.1911 - coll. MS).

950 m; V-VI.

Central and South Europe, Asia Minor, Caucasus, Near East, North Africa.

Agonum (Agonum) sordidum Dejean, 1828

Spec. gén. Col., 3, p. 155.

Agonum sordidum: Rambousek, 1912, p. 98. Hieke & Wrase, 1988, p. 85.

L (Dragichevo), BSS.

0-600 m; III-VI.

Italy, Balkan Peninsula, Crimea, Asia Minor, Syria.

Agonum (Agonum) gracilipes (Duftschmid, 1812)

Fauna Austr., 2, p. 144 (*Carabus*).

Agonum gracilipes: Hieke & Wrase, 1988, p. 85. Vassilev, 1988, p. 86.

WB (Sofia), PO, BSS (Vlas).

0-600 m; V-IX.

Central Europe, Balkan Peninsula, South Siberia, Central Asia, Mongolia, North-East China, Far East, Sakhalin, Japan (Kyushu).

Agonum (Agonum) marginatum (Linnaeus, 1758)

Syst. Nat., ed.10, p. 456 (*Carabus*).

Platynus marginatus: Apfelbeck, 1904, p. 290.

Agonum marginatum: Hieke & Wrase, 1988, p. 85. Vassilev, 1988, p. 86.

D, PR, SPE (Kosharitsa), WB, PO, SPT, RDW, RDE (Zlatograd), BSS.

New loc.: T (Pazardzhik, 1 ex. - coll. MS).

0-1000 m; IV-VIII.

Europe, West Asia to Siberia, North Africa, Canary Islands, Azores, Madeira.

Agonum (Agonum) rugicolle Chaudoir, 1846

Enum. Carab. Cauc., p. 133.

Agonum birthleri: Apfelbeck, 1904, p. 291. Puel, 1938, p. 184.

SPE (Sliven).

Bulgaria, Asia Minor, Caucasus.

NOTE: Schmidt (1992, p. 115) regards *Agonum birthleri* (Hopffgarten, 1888) as a synonym of *Agonum rugicolle* Chaudoir, 1846

Agonum (Agonum) muelleri (Herbst, 1784)

Arch. Insecteng., 5, p. 139 (*Carabus*).

Platynus muelleri: Apfelbeck, 1904, p. 290.

Anchomenus muelleri: Ioakimov, 1904, p. 8.

Agonum muelleri: Nedelkov, 1909a, p. 13. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 98. Hieke & Wrase, 1988, p. 85.

SPW (Svoge), SPM, WB, V, K (Zemen), PO (Dolno Sahrane), SG, R, P, RDW.

III-VIII, X.

Europe, Caucasus, West Siberia, Azores, North America (introduced).

Agonum (Agonum) atratum (Duftschmid, 1812)

Fauna Austr., 2, p. 138 (*Carabus*).

Anchomenus atratus: Anonymous, 1907, p. 286.

Agonum atratum: Netolitzky, 1912, p. 159. Rambousek, 1912, p. 98. Karnoschitzky, 1954, p. 22. Hieke & Wrase, 1988, p. 87.

SPM (Tryavna), WB, RDW (Bachkovo), BSN, BSS.

0-800 m; II, V-VIII, XI-XII.

Central and South Europe, Asia Minor, Caucasus, Syria, Iran.

Agonum (Agonum) versutum Sturm, 1824

Deutschl. Ins., 5, p. 191.

Anchomenus versutus: Ioakimov, 1904, p. 8.

Agonum versutum: Schmidt, 1994, p. 33.

WB (Sofia).

New loc.: R (Zavrachitsa, 2178 m, VIII.1986 - coll. auct.).

600-2180 m; III, VIII.

North and Central Europe, Italy, Balkan Peninsula, Ukraine, West Russia, Caucasus, Siberia.

Agonum (Agonum) lugens (Duftschmid, 1812)

Fauna Austr., 2, p. 139 (*Carabus*).

Agonum lugens: Rambousek, 1912, p. 98. Muche, 1965, p. 77. Hieke & Wrase, 1988, p. 85.

Vassilev, 1992, p. 26. Schmidt, 1994, p. 30.

D (Vasilovtsi), PR, WB, V, BSN (Varna), BSS.

New loc.: RDE (Rani list, VI.1909 - coll. MP).

0-1600 m; III-VIII.

Europe, Asia Minor, Caucasus, Central Asia (Turkestan), Iran, North Africa.

Agonum (Agonum) longicorne Chaudoir, 1846

Enum. Carab. Caucase, p. 134.

Agonum holdhausi: Hieke & Wrase, 1988, p. 87.

Agonum longicorne: Schmidt, 1994, p. 32.

SPM (Kalofer), ST (Slivenski bani), BSS.

0-1000 m; VI-VII.

Austria, Hungary, Italy, France, Romania, Balkan Peninsula, Asia Minor, Caucasus.

Agonum (Agonum) viduum (Panzer, 1797)

Fauna Germ., 37, p. 18 (*Carabus*).

Agonum viduum: Apfelbeck, 1904, p. 292. Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 98.
Hieke & Wräse, 1988, p. 86. Schmidt, 1994, p. 11.

Anchomenus viduus: Anonymous, 1907, p. 286.

D, SPM, WB, V, K (Zemen), PO, SG, R, RDW, RDE (Muglishta-Madan).

New loc.: SPW (Churek, X.1927 - coll. MS), P (VII.1932 - coll. MP).

500-1500 m; IV-X.

Europe, Caucasus, Siberia, Kazakhstan.

Agonum (Agonum) duftschmidi Schmidt, 1994

Beitr. Ent., 44 (1), p. 21.

Anchomenus viduum var. *moestum*: Ioakimov, 1904, p. 8.

Agonum viduum var. *moestum*: Nedelkov, 1909 a, p. 13.

Agonum holdhausi var. *moestum*: Rambousek, 1912, p. 98.

Agonum duftschmidi: Schmidt, 1994, p. 21.

WB, BSS.

New loc.: SPM (Trevnenska planina, Krastets, IX.1922 - coll. MP), V (V.1908 - coll. MP), T (Svilengrad, VI.1947 - coll. MP), BSN (Kranevo, III.1989 - coll. R. Radev).

0-1000 m; III-VI, IX.

Europe (except for Iberian Peninsula), Caucasus, Siberia.

Agonum (Agonum) permoestum Puel, 1938

Misc. Ent., 39 (3), p. 173.

Agonum permoestum: Schmidt, 1994, p. 25.

D, BSN (Kamchiya).

Central and South Europe.

Agonum (Agonum) angustatum Dejean, 1828

Spec. gén. Col., 3, p. 156.

Agonum angustatum: Hieke & Wräse, 1988, p. 86. Schmidt, 1994, p. 27.

PR (Veliko Tarnovo), WB, SPM, K (Zemen), PO (Vasil Levski), T, ST (Slivenski bani), BSM (Simitli), SPT, BSS.

0-1000 m; V-VII.

Central and South Europe, Asia Minor, Caucasus, Iran, North Africa.

Agonum (Agonum) hypocrita (Apfelbeck, 1904)

Käferfauna Balkanhalbinsel, 1, p. 292 (*Platynus*).

Agonum hypocrita: Schmidt, 1994, p. 15.

D (Podgoritsa), SPT (Kozhuh).

North, Central and South Europe, Siberia.

Agonum (Agonum) afrum (Duftschmid, 1812)

Fauna Austr., 2, p. 138 (*Carabus*).

Agonum hypocrita: Hieke & Wrase, 1988, p. 86.

Agonum afrum: Schmidt, 1994, p. 20.

V (1 ex.).

Europe, Caucasus.

Subgenus *Europhilus* Chaudoir, 1859

Agonum (Europhilus) antennarium (Duftschmid, 1812)

Fauna Austr., 2, p. 145 (*Carabus*).

Platynus antennarius: Apfelbeck, 1904, p. 295.

Agonum antennarium: Netolitzky, 1912, p. 159. Rambousek, 1912, p. 98. Hieke & Wrase, 1988, p. 87.

SPM, V, PO, SG, SPT, R, P, RDW.

New loc.: SL (VI.1929 - coll. MP).

550-1400 m; V-VI.

Central and South Europe.

Agonum (Europhilus) micans Nicolai, 1822

Diss. Col. Agr. Hall., p. 19.

Agonum micans: Vassilev & Necheva, 1989, p. 50.

PR (Reselets, Hubavene).

200-250 m; V-VI.

North, Central and South-East Europe, West Siberia, North Mongolia.

Agonum (Europhilus) fuliginosum (Panzer, 1809)

Fauna Germ., 108, No 5 (*Carabus*).

Agonum fuliginosum: Vassilev, 1988 b, p. 89.

BSM (Simitli), SPT (Kresna), R (Parangalitsa), M (Gotse Delchev).

350-1050 m; V-VIII.

North and Central Europe, Iberian Peninsula, Balkan Peninsula, Caucasus, Siberia, Far East, ? North-East China.

Agonum (Europhilus) piceum (Linnaeus, 1758)

Syst. Nat., ed.10, p. 416 (*Carabus*).

Agonum piceum: Hieke & Wrase, 1988, p.87.

RDW (Pamporovo).

Central and South Europe, Siberia, Far East, Sakhalin, ? Northeastern China, Japan (Hokkaido).

Agonum (Europhilus) gracile (Gyllenhal, 1827)

Ins. Suec., 1, p. 449 (*Harpalus*).

Agonum gracile: Vassilev, 1992, p. 27.

SPW (Belogradchik), WB (Sofia).

400-650 m; VII-VIII.

North and Central Europe, France, Italy, Balkan Peninsula, Siberia, Far East of Russia, Sakhalin, ? Korean Peninsula, ? North-East China, Japan (Hokkaido).

Agonum (Europhilus) thoreyi Dejean, 1828

Spec. gén. Col., 3, p. 165.

Anchomenus thoreyi: Anonymous, 1907, p. 286.

Europhilus thoreyi: Panin, 1941, p. 549.

Agonum thoreyi: Hieke & Wrase, 1988, p. 87.

D, SPT (Sandanski), P, BSS.

0-1000 m; VI-VIII.

North and Central Europe, Iberian Peninsula, Balkan Peninsula, Asia Minor, Caucasus, Siberia, North Mongolia, Far East, northern North Korea, North-East China, Morocco, North America.

TRIBUS SPHODRINI

Genus *Synuchus* Gyllenhal, 1810

Ins. Suec., 1, p.77. Type-species: *Carabus nivalis* Panzer, 1797.

***Synuchus vivalis* (Illiger, 1798)**

Käf. Preuss., p. 197 (*Carabus*).

Taphria nivalis: Ioakimov, 1904, p. 8.

Synuchus nivalis: Hieke & Wräse, 1988, p. 88. Vassilev & Necheva, 1989, p. 51.

SPM, V, SG, R, P, RDW, RDE (Zlatograd), BSN, BSS.

New loc.: SPW (Petrohanski prohod, 1300-1400 m, VII.1961 - coll. auct.) and WB (Sofia, 1 ex. - coll. MS).

0-1900 m; VI-IX.

Europe, Asia Minor, Caucasus, Kazakhstan, Siberia, Amur region.

NOTE: According to Lafer (1989: 154), the ssp. *uenoi* Lindr. inhabits the Far East of Russia, Korean Peninsula and Japan (Hokkaido and Honshu), whereas the ssp. *simplex* Sem. occurs in Central Asia.

Genus **Platyderus** Stephens, 1828

III. Brit. Ent., 1, p. 101. Type-species: *Carabus ruficollis* Marsham, 1802

Platyderus rufus (Duftschmid, 1812)

Fauna Austr., 2, p. 105 (*Carabus*).

Platyderus rufus: Apfelbeck, 1904, p. 279. Hieke & Wräse, 1988, p. 89. Wräse, 1991, p. 9. Penev, 1992, p. 96. Vassilev & Marintcheva, 1992, p. 103.

D (vicinity of Siliстра), SP, V.

100-1300 m; IV-X.

Central and South-East Europe.

Genus **Dolichus** Bonelli, 1809

Obs. ent., Tab. syn. Type-species: *Carabus halensis* Schaller, 1783.

Dolichus halensis (Schaller, 1783)

Schrift. Naturf. Ges. Halle, 1, p. 317 (*Carabus*).

Dolichus flavigornis: Ioakimov, 1904, p. 7. Anonymous, 1907, p. 285.

Dolichus halensis: Nedelkov, 1909 a, p. 13. Guéorguiev, 1988, p. 83. Hieke & Wräse, 1988, p. 92.

D, WB (Sofia), T, SPT, P, BSN, BSS.

New loc.: SPW (Komshtitsa, Cave Malka Balabanova, VI.1979 - coll. auct.).

0-1000 m; V-VIII.

Central and South Europe, Asia Minor, West Asia, Caucasus, Central Asia, Kazakhstan, Siberia, China, Far East of Russia, Korean Peninsula, Japan.

PR, SPM, SPE (Kosharitsa), WB, V, PO, T, ST, SPT, RDW, RDE, BSN, BSS.

New loc.: D (Shumen, IX.1920 - coll. MP and Svishtov, Beskutski Island, IX.1929 - coll. MS), K (Golo bardo, 1000 m, VI.1961 - coll. MP), SG (Koprivshtitsa, VIII.1985 - coll. auct.), B (VII.1930 - coll. MS) and SL (VI.1988 - coll. auct.).

III-IX; 0-1200 m.

Europe (except for Iberian Peninsula), Asia Minor, Caucasus, Syria, Iran, Afghanistan, West Siberia, Central Asia.

Genus **Taphoxenus** Motschulsky, 1864

Bull. Soc. Nat. Mosc., 37, p. 314. Type-species: *Sphodrus gigas* Fischer-Waldheim, 1823.

Subgenus **Taphoxenus** s. str.

Taphoxenus (Taphoxenus) gigas (Fischer-Waldheim, 1823)

Entomogr. Ross., 2, p. 105 (*Sphodrus*).

Sphodrus gigas: A. Müller, 1929, p. 7.

BSN (Kavarna).

Romania, Bulgaria, South Russia, Ural, Kazakhstan, Kirghizia, Mongolia, China.

Genus **Sphodrus** Clairville, 1806

Ent. Helv., 2, p. 68. Type-species: *Carabus planus* Fabricius, 1792 (= *Carabus leucophthalmus* Linnaeus, 1758).

Sphodrus leucophthalmus (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 413 (*Carabus*).

Sphodrus leucophthalmus: Ioakimov, 1899, p. 762; 1904, p. 7. Apfelbeck, 1904, p. 273.

Markovitch, 1909, p. 4. Nedelkov, 1909 a, p. 12. Atanasov, 1934, p. 206. Hieke & Wräse, 1988, p. 92.

D (Razgrad), SPM, WB, K (Kyustendil), T, R (Sitnyakovo), RDW (Peshtera).

500-1730 m; V-X.

Europe, Asia Minor, Caucasus, South-West Asia, India, North Africa, Canary Islands.

Genus Laemostenus Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus janthinus* Duftschmid, 1812.

Subgenus Laemostenus s. str.**Laemostenus (Laemostenus) complanatus (Dejean, 1828)**

Spec. gén. Col., 3, p. 58 (*Pristonychus*).

Pristonychus complanatus: Vassilev & Necheva, 1990, p. 132.

V.

800-1250 m; VI-VII, IX-X.

West and South Europe, Lebanon, Azores, Canary Islands, Madeira, North and South Africa, Bahamas, South America, Australia, Tasmania, New-Zealand.

Laemostenus (Laemostenus) venustus (Dejean, 1828)

Spec. gén. Col., 3, p. 60 (*Pristonychus*).

Laemostenus venustus: Casale, 1988, p. 476. Hieke & Wrase, 1988, p. 93.

SPM (Kaloferska planina), SG (Hut Fenera), SPT (Petrich).

New loc.: BSN (Aladzha manastir, VI.1987 and Kamchiya, III.1989 - coll. R. Radev).

0-1450 m; III-VI.

Romania, South Europe, Asia Minor, Caucasus, Israel.

Subgenus Actenipus Jeannel, 1937**Laemostenus (Actenipus) plasoni (Reitter, 1885)**

Dtsch. ent. Zeitschr., 29, p. 357 (*Antisphodrus*). Loc. typ.: "Rhilo Dagh" (= Rila).

Laemostenus plasoni: Apfelbeck, 1904, p. 277. Burmeister, 1939, p. 152. Casale, 1988, p. 548.

Hieke & Wrase, 1988, p. 93. Beron, 1994, p. 47.

SPM (Shipka), R, P, M (Gotse Delchev), RDW, RDE.

1000-2000 m; III-XI.

Bulgaria.

Subgenus Pristonychus Dejean, 1828**Laemostenus (Pristonychus) terricola punctatus (Dejean, 1828)**

Spec. gén. Col., 3, p. 47 (*Pristonychus*).

Laemostenus punctatus: Apfelbeck, 1904, p. 276. Ioakimov, 1904, p. 7. Rambousek, 1912, p. 96. Hieke & Wrase, 1988, p. 93.

Laemostenus terricola: Nedelkov, 1909 a, p. 12. Hieke & Wrase, 1988, p. 93. Wrase, 1991, p. 11.

Pristonychus terricola: Guéorguiev & Beron, 1962, p. 327.

Pristonychus punctatus: Beron, 1972, p. 313. Penev, 1992, p. 96.

Laemostenus terricola punctatus: Casale, 1988, p. 787. Beron, 1994, p. 46.

D, PR, SPW, SPM, SPE, WB, SG, T, ST, BB, R, P, RDW, RDE, BSS.

New loc.: V (VII.1972 - coll. R. Rous; VI.1988 - coll. R. Radev, 900 m, V.1993 - coll. auct. and Bosnek, 1200 m, VIII-IX. 1994 - coll. auct.), K (Chetirtsi, III.1993 - coll. auct.), S (Kosti, IV.1921 - coll. MS; VIII.1989 - coll. R. Radev and Peak Isperets, V.1993 - coll. auct.) and BSN (Kranevo, III.1989 - coll. R. Radev).

0-2450 m; III-XI.

Slovakia, Hungary, Romania, Balkan Peninsula.

Laemostenus (Pristonychus) cimmerius weiratheri G. Müller, 1931

Kol. Rundsch., 17, p. 221.

Sphodrus cimmerius: Anonymous, 1907, p. 285.

Pristonychus cimmerius: Beron, 1972, p. 313.

Laemostenus cimmerius weiratheri: Casale, 1988, p. 809. Beron, 1994, p. 47.

Laemostenus cimmerius: Wrase, 1991, p. 11.

D, SPM (Ravnich), ST (Zhrebchevo), R, P, SL, RDW (Batak), BSS.

New loc.: SPT (Kresna, IV.1991 - coll. auct.) and BSN (Varna, VI.1976 - coll. R. Rous).

0-1800 m; IV-X.

Balkan Peninsula.

TRIBUS ZABRINI (= AMARINI)

Genus Amara Bonelli, 1809

Obs. ent., Tab. synopt. Type-species: *Amara lunicollis* Schioedte, 1837.

Subgenus Zezea Csiki, 1929

Amara (Zezea) plebeja (Gyllenhal, 1810)

Ins. Suec., 1, p. 141 (*Harpalus*).

Amara plebeja: Hieke & Wrase, 1988, p. 93.

RDW (Batak, Chepelare).

Europe, West Asia, Siberia, Far East of Russia, Korean Peninsula, North-East and East China, Sakhalin, Japan.

Amara (Zezea) tricuspidata tricuspidata Dejean, 1831

Spec. gén. Col., 5, p. 792.

Amara tricuspidata: Apfelbeck, 1904, p. 298. Nedelkov, 1909 a, p. 11. Rambousek, 1912, p. 89.
Hieke, 1970, p. 196. Guéorguiev, 1988, p. 76. Hieke & Wrase, 1988, p. 94.

D (Prolaz), SPW, WB, R, P, RDW.

200-2200 m; VI-VIII.

West, Central and South Europe, Asia Minor, Caucasus, Near East, Central Asia, West Siberia.

Amara (Zezea) tricuspidata pseudostrenua Kult, 1946

Folia ent., 9, p. 59.

Amara tricuspidata pseudostrenua: Hieke & Wrase, 1988, p. 94.

BSS.

VI.

Central Europe, France, Romania, Balkan Peninsula, Russia, Iran, Central Asia.

Amara (Zezea) kulti Fassati, 1947

Folia ent., 10, p. 87.

Amara kulti: Fassati, 1951, p. 230. Hieke, 1970, p. 167. Hieke & Wrase, 1988, p. 94. Wrase, 1991, p. 11.

D (Prolaz), P.

Central and South Europe, Ukraine, North Africa.

Amara (Zezea) fulvipes Serville, 1821

Faune fran , 8, Col., p. 35.

Amara fulvipes: Apfelbeck, 1904, p. 298. Ioakimov, 1904, p. 9. Nedelkov, 1909 a, p. 11. Rambousek, 1912, p. 89. Drensky, 1934, p. 114. Hieke, 1970, p. 157. Hieke & Wrase, 1988, p. 94.

SPM, WB, L, V, SG, R, RDW, RDE (Ravnishta).

500-1400 m; V-VIII.

Central and South Europe, Asia Minor.

Amara (Zezea) chaudoiri incognita Fassati, 1946

Folia ent., 9, p. 87.

Amara chaudoiri: Drenowski, 1942, p. 10.

Amara chaudoiri incognita: Hieke, 1970, p. 138. Hieke & Wrase, 1988, p. 94.

SPM, WB, PO, SG (Ichtiman), R, P (Bansko), SL, RDW, BSS.

New loc.: SPW (Ponor planina, X.1992 - coll. auct.).

200-1900 m.

North and Central Europe, Iberian Peninsula, Italy, Balkan Peninsula, Caucasus, Iran, Central Asia, Kazakhstan, Siberia, Mongolia, Far East of Russia, Korean Peninsula, North-East China, Sakhalin, North America.

Amara (Amara) nigricornis Thomson, 1857

Skand. Col., p. 37.

Amara nigricornis: Hieke, 1973, p. 71. Hieke & Wräse, 1988, p. 99.

SPM (Kaloferska planina), R.

2000-2185 m; VI-VII.

North Europe, Alps, Pyrenees, Balkan Peninsula, North Siberia, Mongolia.

Amara (Amara) morio nivium Tschitschérine, 1900

Bull. Soc. ent. France, p. 358.

Amara morio nivium: Hieke, 1981, p. 200. Hieke & Wräse, 1988, p. 99.

SPM (Peak Botev), V, R (Granchar), P.

2000-2200 m; VI-VII.

Alps, Apennines, Bulgaria.

Amara (Amara) aenea (Degeer, 1774)

Mem. Ins., 4, p. 98 (*Carabus*).

Amara aenea: Ioakimov, 1899, p. 763; 1904, p. 9. Apfelbeck, 1904, p. 300. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 11. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 90. Panin, 1941, p. 547. Muche, 1965, p. 76. Hieke & Wräse, 1988, p. 100.

D, PR, SPW, SPM, SPE, L, V, PL, WB, K, PO, SG, T, S, VL, B, BSM, SPT, R, P, SL, M, RDW, RDE, BSN, BSS.

0-2200 m; IV-IX.

Europe, Asia Minor to Baikal, Himalaya, North Africa, North America.

Amara (Amara) eurynota (Panzer, 1797)

Fauna Germ., 37, No 23 (*Carabus*).

Amara eurynota: Ioakimov, 1904, p. 9. Rambousek, 1912, p. 90. Hieke & Wräse, 1988, p. 101.

D, SPW, V, K, S, OP, B, BSM, SPT, R, P, SL, RDW, BSN (Varna), BSS.

New loc.: M (Ognyanovo, VI.1988 - coll. auct.).

0-2285 m; V-IX.

Europe, Asia Minor, Caucasus, Syria, Central Asia to China, Siberia, North Africa, North America.

Amara (Amara) familiaris (Duftschmid, 1812)

Fauna Austr., 2, p. 119 (*Carabus*).

Amara familiaris: Apfelbeck, 1904, p. 301. Nedelkov, 1909 a, p. 11. Hieke & Wrase, 1988, p. 101.

D, SPW, SPM, V, PL, WB, PO, SG, T, OP, SPT, R, P, RDW, BSS.

0-1600 m; IV-X.

Europe, West Asia, Central Asia, Kazakhstan, Siberia, Mongolia, Far East of Russia, Korean Peninsula, North-East China, Sakhalin, Japan, North America.

Amara (Amara) anthobia Villa, 1833

Col. Eur. Dupl., p. 33.

Amara anthobia: Apfelbeck, 1904, p. 301. Ioakimov, 1904, p. 9. Rambousek, 1912, p. 90. Drenowski, 1942, p. 9. Hieke & Wrase, 1988, p. 102.

D, PR, SPW, SPM, SPE, WB, V, PO, T, VL, BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: ST (Golyam Dervent, Ghiolbunar, VI.1993 - coll. auct.), SL (Paril, IV.1993 - coll. auct.).

0-1250 m; IV-VIII.

West, Central and South Europe, Asia Minor, Caucasus, North America.

Amara (Amara) lucida (Duftschmid, 1812)

Fauna Austr., 2, p. 121 (*Carabus*).

Amara lucida: Apfelbeck, 1904, p. 301. Ioakimov, 1904, p. 9. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 90. Hieke & Wrase, 1988, p. 102.

D, SPM, SPE, L, V, WB, PO, SG, T, BB, VL, SPM, R, P, RDW, BSS.

New loc.: K (Ruy - Erma River, VIII.1992 - coll. auct.), ST (Kraynov, cave, IV.1991 - coll. auct.).

0-1500 m; IV-IX.

West, Central and South Europe, Asia Minor, Caucasus, Iran, Iraq, North Africa.

Amara (Amara) tibialis (Paykull, 1798)

Fauna Suec., 1, p. 168 (*Carabus*).

Amara tibialis: Hieke & Wrase, 1988, p. 103.

SPM, WB (Sofia), R, P, RDW.

600-2150 m; VI-VIII.

Europe, Asia Minor, Caucasus, Kazakhstan, Siberia, Mongolia, Far East of Russia, Sakhalin.

Subgenus **Celia** Zimmermann, 1832**Amara (Celia) erratica** (Duftschmid, 1812)

Fauna Austr., 2, p. 93 (*Carabus*).

Amara erratica: Apfelbeck, 1904, p. 302. Guéorguiev, 1988, p. 76. Hieke & Wrase, 1988, p. 103.

SPW (Peak Kom), SPM (Peak Botev), V, R, P, RDW.

1500-2900 m; VII-IX.

North and Central Europe, South Europe (mountains), Asia Minor, Caucasus, Central Asia, Mongolia, Korea, Japan, North America.

Amara (Celia) ingenua (Duftschmid, 1812)

Fauna Austr., 2, p. 110 (*Carabus*).

Amara ingenua: Hieke & Wrase, 1988, p. 103.

SPE (Kosharitsa), V, P (Bansko), BSS.

200-1000 m.

Europe, Asia Minor, Caucasus, Kazakhstan, Siberia up to Transbaikalia in the east, Central Asia.

Amara (Celia) fusca Dejean, 1828

Spec. gén. Col., 3, p. 497.

Amara fusca: Drenowski, 1942, p. 9. Hieke & Wrase, 1988, p. 104.

SPE (Kosharitsa), PO (Dolno Sahrane), SPT, R, RDW (Bachkovo), BSN (Varna), BSS.

200-1000 m; IV-VI.

West, Central and South Europe, South Russia, Asia Minor, Caucasus, Syria, Iran, Turkmenia, North Africa.

Amara (Celia) cursitans Zimmermann, 1832

in: Gistel, Faunus, 1, p. 20.

Amara cursitans: Apfelbeck, 1904, p. 302. Hieke & Wrase, 1988, p. 104.

V, R (Musala), P.

1500-2285 m; VI-VII.

Europe, Asia Minor, Caucasus.

Amara (Celia) messae Baliani, 1924

Boll. Soc. ent. ital., 56, p. 64.

Amara messae: Hieke & Wrase, 1988, p. 104. Guéorguiev, 1990, p. 135.

SPM (Peak Botev), V, R, P.

1000-2400 m; V-XI.

Bosnia, Bulgaria.

Amara (Celia) municipalis bischoffi Jedlicka, 1946

Descr. Carab. Asie orient., Praha, p. 7.

Amara municipalis: Apfelbeck, 1904, p. 302. Ioakimov, 1904, p. 9. Markovitch, 1909, p. 5.

Amara municipalis bischoffi: Hieke, 1983, p. 334. Hieke & Wrase, 1988, p. 104.

D (Razgrad), SPM (Shipka), V, SG, R, P, SL, RDE (Spahievo).

1000-1700 m; V-IX.

Balkan Peninsula.

Amara (Celia) bifrons (Gyllenhal, 1810)

Fauna Suec., 1 (2), p. 144 (*Harpalus*).

Amara bifrons: Apfelbeck, 1904, p. 302. Rambousek, 1912, p. 91. Drenowski, 1942, p. 9. Hieke & Wrase, 1988, p. 105. Vassilev & Marintcheva, 1992, p. 103.

SPM (Troyanski prohod), SPE (Kosharitsa), WB (Sofia), V, PO (Vasil Levski), R, P, RDW, BSN.

0-2150 m; IV-VIII.

Europe, West Asia, Caucasus, Central Asia.

Amara (Celia) arenaria Putzeys, 1865

Stettin. Ent. Ztg., 26, p. 343.

Amara arenaria: Hieke, 1983, p. 322. Hieke & Wrase, 1988, p. 105.

SPM (Sopot), P (Kashina).

800-1600 m.

Central and South Europe, Asia Minor.

Amara (Celia) sollicita Pantel, 1888

An. Soc. Esp. Hist. Nat., 17, p. 236.

Amara sollicita: Hieke, 1983, p. 358. Hieke & Wrase, 1988, p. 105.

D (Svishtov), SPT (Sandanski), BSS (Nesebar).

100-300 m.

Central and South Europe, Asia Minor, Caucasus, North Africa.

Amara (Celia) sabulosa Serville, 1821

Faune franç., 8, Col., p. 35.

Amara sabulosa: Hieke & Wrase, 1988, p. 105. Wrase, 1991, p. 11.

WB (Dragoman, Sofia), BSS (Vlas).

0-600 m.

France, Central and South-East Europe, Asia Minor, Caucasus, Near East.

Amara (Celia) pallens Sturm, 1825

Dtschl. Ins., 6, p. 20.

Amara praetermissa: Apfelbeck, 1904, p. 302. Hieke & Wräse, 1988, p. 106.

SPM (Shipchenski prohod), V (Kopitoto), R, P.

1300-2500 m; VI-VIII.

Europe, Caucasus, North Mongolia, Siberia up to Kamchatka in the east.

Subgenus Paracelia Bedel, 1899

Amara (Paracelia) quenseli (Schönherr, 1806)

Syn. Ins., 1, p. 201 (*Carabus*).

Amara quenseli: Apfelbeck, 1904, p. 302. Rambousek, 1912, p. 90. Drenowski, 1937, p. 10. Guéorguiev, 1988, p. 76. Hieke & Wräse, 1988, p. 106.

SPM (2290-2376 m), R (2100-2500 m), P (1300-2900 m), SL (1500 m).

1300-2900 m; VI-VIII.

North Europe, Central and South Europe (mountains), Caucasus, Mongolia, Siberia up to Kamchatka in the east, Sakhalin, Japan, North America.

Amara (Paracelia) serdicana Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 303. Loc. typ.: "Knjazevo bei Sofia" (= Sofia).

Amara serdicana: Apfelbeck, 1904, p. 303. Nedelkov, 1909 a, p. 12. Hieke & Wräse, 1988, p. 106.

SP, WB, T (Plovdiv), S, SPT (Kresna), R (Slavovo), M (Gotse Delchev), RDW (Bachkovo), BSS (Burgas).

0-1100 m; VII-X.

Romania, Bulgaria, Asia Minor.

Subgenus Bradytus Stephens, 1828

Amara (Bradytus) apricaria (Paykull, 1790)

Monogr. Carab., p. 77 (*Carabus*).

Amara apricaria: Apfelbeck, 1904, p. 304. Ioakimov, 1904, p. 9. Nedelkov, 1909 a, p. 11. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 91. Drenowski, 1937, p. 10. Panin, 1941, p.

Amara fulvus: Markovitch, 1904, p. 235; 1909, p. 5.

D, PR (Veliko Tarnovo), WB, PO (Vasil Levski), T, SPT, R (Slavovo), P (Begovitsa), RDW, BSN, BSS.

0-1900 m; IV-VIII.

Europe, Asia Minor, Caucasus, West Siberia up to Irkutsk in the east, Kazakhstan.

Subgenus **Amathitis** Zimmermann, 1832

Amara (Amathitis) parvicollis Gebler, 1833

Bull. Soc. Nat. Mosc., 6, p. 269.

Amara rufescens: Hieke & Wräse, 1988, p. 108. Wräse, 1991, p. 11.

Amara parvicollis: Wräse, 1991, p. 12.

BSS (Vlas).

Bulgaria, Ukraine, South Russia, Siberia, Central Asia.

Subgenus **Percosia** Zimmermann, 1832

Amara (Percosia) equestris (Duftschmid, 1812)

Fauna Austr., 2, p. 109 (*Carabus*).

Amara partica (sic!): Ioakimov, 1899, p. 763.

Amara equestris: Rambousek, 1912, p. 91. Hieke, 1978, p. 257. Hieke & Wräse, 1988, p. 108.

D (Razgrad), SPW (Vratsa), SPM (Peak Botev), V, BSM, SPM (Sandanski), R (Borovets), P, RDW.

New loc.: WB (Dragovishtitsa, VI.1993 - coll. auct.).

300-2500 m; VI-VIII.

Europe, Asia Minor, Caucasus, Afghanistan, Central Asia, Siberia, ? North-West China.

Genus **Curtonotus** Stephens, 1828

III. Brit. Ent., 1, p. 138. Type-species: *Carabus convexiusculus* Marsham, 1802.

Curtonotus aulicus (Panzer, 1797)

Fauna Ins. Germ., 38, No 3 (*Carabus*).

Amara aulica: Ioakimov, 1899, p. 763. Apfelbeck, 1904, p. 307. Hieke & Wräse, 1988, p. 109.

PR (Reselets), SPM, WB, L, V (Kopitoto), SG, T (Plovdiv), SPT, R, P (Popina laka), RDW.

New loc.: SPW (Ponor planina, IX.1992 - coll. auct.) and BSN (Kranevo, VI.1987 - coll. R. Radev).

Zabrus (Zabrus) ignavus Csiki, 1907

Magyar. Bogarf., 1, p. 344.

Zabrus piger: Ioakimov, 1904, p. 9.

RDW (Bachkovski manastir).

700 m; V.

South Europe, North Africa.

Subgenus *Pelor* Bonelli, 1809

Zabrus (Pelor) corpulentus Schaum, 1864

Berl. ent. Zeitschr., 8, p. 182.

New to Bulgaria: D (Razgrad, 1 ex., Rambousek - coll. MP, det L. Ganglbauer, sub *Z. reitteri* Apf.).

Bulgaria, Asia Minor, ? Dobrogea.

Zabrus (Pelor) incrassatus tuleschkovi Maran, 1933

Bull. Inst. R. Hist. Nat. Sofia, 6, p. 45. Loc. typ.: "Kresnensko- Defille" (= Kresna).

Zabrus incrassatus var. *tuleschkovi*: Maran, 1933 b, p. 45.

Zabrus incrassatus tuleschkovi: Hieke & Wrase, 1988, p. 110. Freude, 1989, p. 121.

MPO (Ograzhden), SPT, RDW (Sestrimo).

New loc.: P (coll. MP) and SL (coll. MP).

200-1000 m; VI-VIII.

Bulgaria.

Zabrus (Pelor) graecus subtilis Schaum, 1862

Berl. ent. Zeitschr., 6, p. 108.

Zabrus graecus: Hieke & Wrase, 1988, p. 111.

RDE (Kardzhali).

New loc.: P (Vlahi, coll. MP).

300-1000 m.

Greece, Bulgaria.

Zabrus (Pelor) balcanicus Heyden, 1883

Dtsch. ent. Zeitschr., 27, p. 309. Loc. typ.: "Balkan" (= Stara planina).

Zabrus balcanicus: Apfelbeck, 1904, p. 317. Ioakimov, 1904, p. 9. Nedelkov, 1909 a, p. 11.

Rambousek, 1912, p. 89. Drensky, 1932, p. 27. Drensky et al., 1951, p. 284. Hieke & Wrase, 1988, p. 111.

D, PR, SPM, WB, L, V, SG, T, BSM (Dupnitsa), SPT, R, RDW, RDE (Chernichevo).
New loc.: P (Begovitsa, coll. H. Freude; Banderitsa, VI.1972 - coll. R. Rous; Cherna voda - coll. MP).

300-1800 m; IV-IX.

Bulgaria.

Zabrus (Pelor) rhodopensis Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 315. Loc. typ.: "West-Rhodope bei Samokov und Demir Kapu" (= Rila).

Zabrus jureckovae Maran, 1943, Cas. Csl. Spol. ent., 40, p. 8. Loc. typ.: "Montes Rhodopi ad Backovo" (= Bachkovo). Synonymy: Freude, 1989, p. 102.

Zabrus rhodopensis: Nedelkov, 1909 a, p. 11. Rambousek, 1912, p. 89. Drenowski, 1928, p. 17; 1932, p. 25. Hieke & Wrase, 1988, p. 111.

Zabrus rhodopeus (sic!): Drenowski, 1937, p. 10.

SPM (Sliven), V, OP, SPT, R, P, SL, M (Gotse Delchev), RDW, RDE (Kardzhali).

New loc.: K (Zemen - coll. H. Freude).

600-2250 m; VI-X.

Macedonia, Serbia, Bulgaria.

Zabrus (Pelor) femoratus Dejean, 1828

Spec. gén. Col., 3, p. 441.

Zabrus femoratus: Rambousek, 1912, p. 89.

SPE (Peak Bulgarka).

1000-1150 m.

Greece, Bulgaria, Asia Minor.

Zabrus (Pelor) spinipes (Fabricius, 1798)

Suppl. Ent. Syst., p. 46 (*Blaps*).

Zabrus blapoides: Apfelbeck, 1904, p. 322. Markovitch, 1904, p. 236; 1909, p. 5. Kovachev, 1905, p. 5. Nedelkov, 1909 a, p. 11. Rambousek, 1912, p. 89. Drensky et al., 1951, p. 283. Angelov, 1960, p. 21. Muche, 1965, p. 77.

Pelor blapoides: Ioakimov, 1904, p. 9.

Zabrus spinipes: Burmeister, 1939, p. 127. Horion, 1941, p. 273. Hieke & Wrase, 1988, p. 110. Freude, 1989, p. 147.

D, PR, SPW, SPM, SPE (Kosharitsa), WB, PO, T, BB (Karnobat), S (Malko Tarnovo), SPT, RDW, BSN, BSS.

New loc.: ST (Yambol, IV.1909 - coll. MP).

0-1700 m; IV-IX.

Central and South-East Europe.

SUBFAMILIA HARPALINAE

TRIBUS HARPALINI

Genus **Scybalicus** Schaum, 1862

Cat. Col. Eur., p. 118. Type-species: *Harpalus (Ophonus) oblongiusculus* Dejean, 1829.

Scybalicus oblongiusculus (Dejean, 1829)

Spec. gén. Col., 4, p. 198 (*Harpalus*).

Scybalicus oblongiusculus: Hieke & Wräse, 1988, p. 112.

BSS (from Vlas to Sozopol).

South and South-West Europe, Asia Minor, North Africa.

Genus **Anisodactylus** Dejean, 1829

Spec. gén. Col., 4, p. 132. Type-species: *Carabus binotatus* Fabricius, 1787.

Subgenus **Anisodactylus** s. str.**Anisodactylus (Anisodactylus) signatus** (Panzer, 1797)

Fauna Germ., 38, No 4 (*Carabus*).

Anisodactylus signatus: Ioakimov, 1904, p. 9. Markovitch, 1904, p. 236; 1909, p. 5. Rambousek, 1912, p. 89. Panin, 1941, p. 547. Muche, 1965, p. 76. Hieke & Wräse, 1988, p. 112. Vassilev & Marintcheva, 1992, p. 103.

D, PR (Veliko Tarnovo), SPM (Dryanovski manastir), SPE (Kosharitsa), WB, V, K (Zemen), PO, T, BB (Karnobat), SPT, R, BSN, BSS.

New loc.: ST (Mramor, VI.1988 - coll. R. Radev).

0-1500 m; II, IV-VIII.

Europe, Asia Minor, Caucasus, Iran, Central Asia, Kazakhstan, South Siberia, Mongolia, China, Far East of Russia, Korean Peninsula, Sakhalin, Japan.

Anisodactylus (Anisodactylus) nemorivagus (Duftschmid, 1812)

Fauna Austr., 2, p. 79 (*Carabus*).

Anisodactylus nemorivagus: Ioakimov, 1904, p. 9. Nedelkov, 1909a, p. 11. Netolitzky, 1912, p. 158. Hieke & Wräse, 1988, p. 112.

SPW (Svoge), SPM, WB (Sofia), PL, SG, T (Plovdiv), R, RDW.

New loc.: SPT (Melnik, V.1988 - coll. auct.) and BSS (Burgas, VI.1968 - coll. R. Rous).

300-1200 m; III-VI.

Central and South Europe, Asia Minor, Caucasus, North Iran.

Anisodactylus (Anisodactylus) binotatus (Fabricius, 1787)

Ent. Syst., 1, p. 151 (*Carabus*).

Anisodactylus binotatus: Apfelbeck, 1904, p. 212. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 11. Hieke & Wräse, 1988, p. 112. Vassilev & Marintcheva, 1992, p. 103.

Anisodactylus binotatus ab. *spurcacicornis*: Panin, 1941, p. 547.

D (Razgrad), PR (Veliko Tarnovo), SPM, WB, V, PO, SPT, R, RDW, BSN, BSS.

New loc.: S (VII.1934 - coll. MP).

0-1300 m; V-IX.

Europe, Asia Minor, Caucasus, Kirghizia, West Siberia, Azores, Madeira, North Africa.

Anisodactylus (Anisodactylus) pueli Schaeffer, 1933

Kol. Rundsch., 19, p. 124.

Anisodactylus pueli: Wräse, 1991, p. 12.

BSS (Ahtopol).

Balkan Peninsula, Asia Minor, Caucasus.

Subgenus Hexatrichus Tschitschérine, 1898

Anisodactylus (Hexatrichus) poeciloides (Stephens, 1828)

Illustr. Brit. Ent., 1, p. 154 (*Harpalus*).

Anisodactylus poeciloides: Karnoschitzky, 1950, p. 37. Muche, 1965, p. 76. Hieke & Wräse, 1988, p. 113. Vassilev & Necheva, 1990, p. 132.

BSN, BSS. Halophilous. (V, 800-1200 m)

0-50 m; V-VII.

Central and South Europe, South Russia, Caucasus, Iran, Central Asia, West Siberia, North Africa.

NOTE: The record at Vitosha (Vassilev & Necheva, 1990, p. 132) is highly doubtful.

Subgenus Pseudodichirius Lutshnik, 1921

Anisodactylus (Pseudodichirius) intermedius Dejean, 1829

Spec. gén. Col., 4, p. 139.

Anisodactylus intermedius: Hieke & Wräse, 1988, p. 113.

SPE (Kosharitsa), BSS (from Vlas to Kavatsite).

0-300 m; VI-VIII.

South Europe, Asia Minor, Syria, Iran, Transcaucasia, Algeria.

Genus *Gynandromorphus* Dejean, 1829

Spec. gén. Col., 4, p. 186. Type-species: *Carabus etruscus* Quensel, 1806.

***Gynandromorphus etruscus* (Quensel, 1806)**

In: Schönherr, Syn. Ins., 1, p. 212 (*Carabus*).

Gynandromorphus etruscus: Frivaldszky, 1845, p. 166. Nedelkov, 1909 a, p. 11. Rambousek, 1912, p. 88. Muche, 1965, p. 76. Hieke & Wrase, 1988, p. 113.

D (Ruse), SPM, SPE (Kosharitsa), WB, L, SG, ST (Lozenets), BSS.

New loc.: V (IV.1909; Dragalevski manastir, V.1920 - coll. MS and 1000-1350 m, X.1992 - coll. auct.) and K (Kyustendil, V.1923 - coll. MS and X.1994 - coll. auct.). 0-1350 m; IV-X.

South Europe, Crimea, Asia Minor, Caucasus, Near East.

Genus *Diachromus* Erichson, 1837

Käf. Mark. Brandenb., 1, p. 43. Type-species: *Carabus germanus* Linnaeus, 1758.

***Diachromus germanus* (Linnaeus, 1758)**

Syst. Nat., ed. 10, p. 415 (*Carabus*).

Diachromus germanus: Apfelbeck, 1904, p. 211. Ioakimov, 1904, p. 9. Markovitch, 1909, p. 5. Nedelkov, 1909 a, p. 11. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 88. Panin, 1941, p. 547. Angelov, 1960, p. 21. Muche, 1965, p. 76. Hieke & Wrase, 1988, p. 114. Vassilev & Marintcheva, 1992, p. 103.

D, SPW, SPM, SPE, WB, V, PO, SG, T, SPT, RDW, BSN, BSS.

New loc.: K (Kyustendil, VI.1923 - coll. MS), R (Borovets, VIII.1931 - coll. MS).

0-1400 m; III-VIII.

Central and South Europe, Asia Minor, Caucasus, West Asia to Turkmenia and Iran in the east.

Genus *Stenolophus* Dejean, 1821

Cat. coll. col. Dejean, p. 15. Type-species: *Carabus vaporariorum* Fabricius, 1787 (= *Carabus teutonus* Schrank, 1781).

***Stenolophus proximus* Dejean, 1829**

Spec. gén. Col., 4, p. 420.

Stenolophus proximus: Muche, 1965, p. 76. Hieke & Wrase, 1988, p. 114.

BSS (from Nesebar to Primorsko).

0-50 m; VII-VIII.

South and South-East Europe, South-West Asia, Morocco.

Stenolophus mixtus (Herbst, 1784)

Arch. Insecteng., 5, p. 143 (*Carabus*).

Stenolophus mixtus: Panin, 1941, p. 547. Muche, 1965, p. 76. Hieke & Wrase, 1988, p. 114.

D (Ivanski), SPM, ST (Slivenski mineralni bani), SPT, BSS.

New loc.: WB (Sofia, VI.1908 - coll. MP).

0-700 m; VI-VIII.

Central and South Europe, Caucasus, West Asia, North-West Africa.

Stenolophus steveni Krynický, 1832

Bull. Soc. Nat. Mosc., 5, p. 87.

Stenolophus steveni: A. Müller, 1929, p. 7. Hieke & Wrase, 1988, p. 114.

SPT (Sandanski), BSN (Kavarna), BSS.

0-200 m; VII-VIII.

Slovakia, South-East Europe, Asia Minor, Caucasus.

Stenolophus discophorus (Fischer-Waldheim, 1823)

Ent. Russl., 2, p. 141 (*Harpalus*).

Stenolophus discophorus: Apfelbeck, 1904, p. 203. Nedelkov, 1909 a, p. 10. Rambousek, 1912, p. 87. Muche, 1965, p. 76. Hieke & Wrase, 1988, p. 114.

Stenolophus discophorus var. *flaviusculus*: Nedelkov, 1909 a, p. 10. Rambousek, 1912, p. 87. Muche, 1965, p. 76.

D (Ivanski), WB, PO, T (Simeonovgrad), BSM (Simitli), SPT, RDE (Perperek), BSN (Varna), BSS.

0-400 m; VI-VIII.

Central and South Europe, Asia Minor, Iraq, Kazakhstan.

Stenolophus skrimshiranus (Stephens, 1828)

Ill. Brit. Ent., 1, p. 166 (*Trechus*).

Stenolophus skrimshiranus: Rambousek, 1912, p. 87. Hieke & Wrase, 1988, p. 115.

D (Ivanski), SPM, ST, SPT (Sandanski), BSS.

New loc.: M (Gotse Delchev, VI.1938 - coll. MP).

0-500 m; VI-VIII.

West, Central and South Europe, Asia Minor, Israel, Caucasus, Transcaspia, North Africa.

***Stenolophus teutonus* (Schrink, 1781)**

Enum. Ins. Austr., p. 214 (*Carabus*).

Stenolophus teutonus: Apfelbeck, 1904, p. 203. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10.

Netolitzky, 1912, p. 158. Rambousek, 1912, p. 87. Muche, 1965, p. 76. Hieke & Warse, 1988, p. 115.

Stenolophus teutonus var. *pseudoabdominalis*: Muche, 1965, p. 76.

Stenolophus teutonus ab. *hirticornis*: Muche, 1965, p. 76.

D, PR (Veliko Tarnovo), SPM, WB, K (Zemen), PO (Vasil Levski), SG, T, BSM (Simitli), SPT, R, RDW, BSS.

New loc.: V (V.1939 - coll. MP), P (V-VI.1929 and Bunderitsa, VI.1938 - coll. MP), SL (VI.1938 - coll. MP) and BSN (Varna, VI.1908 and VI.1934 - coll. MP; Kranevo, III.1987 - coll. R. Radev).

0-1300 m; III-IX.

Central and South Europe, Asia Minor, Transcaspia, North Africa, Azores, Canary Islands, Madeira.

***Stenolophus abdominalis* Gené, 1836**

Mem. Accad. Sci. Torino, 39, p. 170.

Stenolophus teutonus ab. *abdominalis*: Rambousek, 1912, p. 87.

Stenolophus persicus: Muche, 1965, p. 76.

Stenolophus abdominalis: Hieke & Wrase, 1988, p. 115.

PR (Veliko Tarnovo), SPE (Kosharitsa), BSM, SPT (Sandanski), RDE (Skobeleva), BSS.

New loc.: SPW (Midzhur, 2150-2168 m, X.1968 - coll. MS), WB (Sofia, VII.1909 - coll. MS) and R (Kostenets, V.1912 - coll. MS).

0-2170 m; V-VII, X.

South Europe, Asia Minor, Caucasus, Syria, Iran, Turkmenia, Tadzhikistan, Tunisia, Morocco.

Genus *Egadroma* Motschulsky, 1855

Et. ent., 4, p. 43. Type-species: *Carabus smaragdulus* Fabricius, 1801.

***Egadroma marginata* (Dejean, 1829)**

Spec. gén. Col., 4, p. 427 (*Stenolophus*).

Egadroma marginata: Hieke & Wrase, 1988, p. 116. Vassilev & Necheva, 1990, p. 132.

V, SPT.

New loc.: SL (2 ex.- coll. MP).

200-1200 m; VI-X.

South Europe, Asia Minor, West Asia to China, North Africa, Canary Islands, Madeira.

Acupalpus (Acupalpus) paludicola Reitter, 1884

Wien. Ent. Ztg., 3, p. 75.

Acupalpus puncticollis: Hieke & Wräse, 1988, p. 117.

D (Ivanski), SPE (Kosharitsa), BSS.

0-300 m.

Italy, Balkan Peninsula, Syria, Algeria.

Acupalpus (Acupalpus) luteatus (Duftschmid, 1812)

Fauna Austr., 2, p. 152 (*Carabus*).

Acupalpus luteatus: Apfelbeck, 1904, p. 207. Rambousek, 1912, p. 87. Hieke & Wräse, 1988, p. 118.

SPM (Kalofer), PO (Vasil Levski), ST (Slivenski bani), SPT, BSN (Varna), BSS.

New loc.: T (Simeonovgrad, V.1909 - coll. MP).

0-1000 m; IV-VIII.

Central and South Europe, Asia Minor, Caucasus, ? Siberia, North Africa.

Acupalpus (Acupalpus) exiguum Dejean, 1829

Spec. gén. Col., 4, p. 456.

Acupalpus exiguum: Ioakimov, 1904, p. 10. Rambousek, 1912, p. 87. Hieke & Wräse, 1988, p. 118.

WB (Sofia), SG (Germanski manastir), BSS.

New loc.: S (VII.1937 - coll. MP).

0-1000 m; IV-VII.

Europe (except for Iberian Peninsula), Caucasus, Siberia.

Acupalpus (Acupalpus) flavigollis (Sturm, 1825)

Dtschl. Ins., 6, p. 87 (*Trechus*).

Acupalpus flavigollis: Hieke & Wräse, 1988, p. 116.

V, SPT (Sandanski), P (Bansko), R (Slavova), BSS (Vlas).

0-1000 m; III.

Europe, Asia Minor, Caucasus, Azores.

Acupalpus (Acupalpus) brunnipes (Sturm, 1825)

Dtschl. Ins., 6, p. 88 (*Trechus*).

Acupalpus brunnipes: Hieke & Wräse, 1988, p. 116.

SPT (Sandanski), BSS (Pomorie).

Central and South Europe, Caucasus, North Africa, Azores.

Subgenus **Ancyllostria** Schauberger, 1930**Acupalpus (Ancyllostria) interstitialis** Reitter, 1884

Wien. Ent. Ztg., 3, p. 74.

Acupalpus interstitialis: Apfelbeck, 1904, p. 205. Rambousek, 1912, p. 87. Hieke & Wrase, 1988, p. 116. Vassilev, 1988 a, p. 86. Wrase, 1991, p. 13.

D (Pleven), PR (Zlataritsa), SPW (Hubavene), V (Marchaevo), SG (Pasarel), T (Pazardzhik), BSS.

0-800 m; V-VIII.

Central and South Europe, Ukraine, Asia Minor, Caucasus.

Acupalpus (Ancyllostria) planicollis Schaum, 1857

Berl. Ent. Zeitschr., 1, p. 146.

Acupalpus planicollis: Hieke & Wrase, 1988, p. 116. Wrase, 1991, p. 13.

SPT (Sandanski), BSS (Sozopol).

0-200 m.

Albania, Greece, Bulgaria.

Genus **Anthracus** Motschulsky, 1850

Käf. Russl., p. 21. Type-species: *Carabus consputus* Duftschmid, 1812.

Anthracus longicornis (Schaum, 1857)

Berl. ent. Zeitschr., 1, p. 145 (*Acupalpus*).

Anthracus longicornis: Rambousek, 1912, p. 88. Hieke & Wrase, 1988, p. 118. Vassilev, 1988 a, p. 86.

SPW (Belogradchik), SPE (Kosharitsa), T (Simeonovgrad), RDW (Devin), BSS.

0-1000 m.

Central and South-Eastern Europe, Asia Minor, Caucasus.

Anthracus quarnerensis Reitter, 1884

Wien. Ent. Ztg., 3, p. 78.

Anthracus quarnerensis: Apfelbeck, 1904, p. 208. Hieke & Wrase, 1988, p. 119.

BB, BSS (Kiten).

South Europe (except for Iberian Peninsula).

Anthracus consputus (Duftschmid, 1812)

Fauna Austr., 2, p. 148 (*Carabus*).

Acupalpus consputus: Anonymous, 1907, p. 284.

Anthracus consputus: Rambousek, 1912, p. 88. Hieke & Wrase, 1988, p. 119.

D (Ivanski), T (Simeonovgrad), BSS.

0-200 m; III-VI.

North, Central and South Europe, Balkan Peninsula, Caucasus, Kazakhstan, Siberia.

Anthracus pallipes (Dejean, 1829)

Spec. gén. Col., 4, p. 450 (*Acupalpus*).

New to Bulgaria: R (Rila - Rilski manastir, 1400 m, 18.IX.1911, 1 ex., M. Hilf, coll. Leonhard - MP).

Balkan Peninsula.

Genus Bradycellus Erichson, 1837

Käf. Mark. Brandenb., 1, p. 64. Type-species: *Carabus collaris* Paykull, 1798 (= *Bradycellus caucasicus* Chaudoir, 1846).

Subgenus Bradycellus s. str.

Bradycellus (Bradycellus) harpalinus (Serville, 1821)

Faune fran , 8, Col., p. 84 (*Acupalpus*).

Bradycellus harpalinus: Ioakimov, 1904, p. 10. Rambousek, 1912, p. 88. Hieke & Wrase, 1988, p. 119.

WB (Sofia), SPT (Rupite), P.

600-1800 m; VII-VIII.

Europe, Asia Minor, ? Caucasus, ? Madeira, ? North Africa.

Bradycellus (Bradycellus) caucasicus Chaudoir, 1846

Enum. Carab. Cauc., p. 187.

Bradycellus harpalinus var. *collaris*: Apfelbeck, 1904, p. 210.

Bradycellus collaris: Horion, 1941, p. 242. Hieke & Wrase, 1988, p. 119. Vassilev & Necheva, 1989, p. 52. Gu orguiev, 1990, p. 136.

SPM (Hut Ray), V, R, P.

New loc.: SL (VI.1929 - coll. MP).

1200-2210 m; V-XI.

North, Central and South Europe, Caucasus, West Siberia.

Bradycellus (Bradycellus) csikii Laszo, 1912

Rovart. Lap., 19, p. 3.

Bradycellus csikii: Hieke & Wräse, 1988, p. 119.

BSN (Varna-Albena).

North and Central Europe, Balkan Peninsula, Transcaucasia.

Bradycellus (Bradycellus) verbasci (Duftschmid, 1812)

Fauna Austr., 2, p. 186 (*Carabus*).

Bradycellus verbasci: Rambousek, 1912, p. 88.

SG (Germanski manastir).

VI.

Central and South Europe, Asia Minor, North Iran, ? North Africa.

Genus Trichocellus Ganglbauer, 1892

Käferfauna Mitteleuropa, 1, p. 366. Type-species: *Harpalus placidus* Gyllenhal, 1827.

Subgenus Trichocellus s. str.**Trichocellus (Trichocellus) sp.**

Trichocellus spec. (? *discicollis*): Wräse, 1991, p. 13.

BSN (Varna-Beloslav).

NOTE: Probably this record actually belongs to *T. placidus* (Gyllenhal, 1827), a species populating most of Europe, including its eastern part.

Genus Dicheirotrichus Jaquelin du Val, 1857

Gen. Col. Eur., p. 35, 65. Type-species: *Harpalus obsoletus* Dejean, 1829.

Dicheirotrichus lacustris (Redtenbacher, 1858)

Fauna Austr., 2, p. 64 (*Bradycellus*).

Dicheirotrichus (sic!) *obsoletus*: Rambousek, 1912, p. 88. Karnoschitzky, 1950, p. 36.

Dicheirotrichus obsoletus: Hieke & Wräse, 1988, p. 120.

T (Simeonovgrad), BSN (Varna), BSS (Pomorie, Burgas).

0-200 m; V-X.

Austria, North Italy, South-East Europe.

NOTE: According to Kataev (personal communication), *Dicheirotrichus obsoletus* (Dejean, 1829) is absent from Bulgaria, all its previous records there referring in fact to *D. lacustris* Redt.

Genus **Ophonus** Dejean, 1821

Cat. coll. Col. Dejean, p. 13. Type-species: *Carabus sabulicola* Panzer, 1796.

Subgenus **Macroponus** Tschitschérine, 1901

Ophonus (Macroponus) oblongus (Schaum, 1858)

Wien. ent. Monatsschr., 2, p. 273 (*Harpalus*).

Ophonus oblongus: Apfelbeck, 1894, p. 546. Rambousek, 1912, p. 81.

Harpalus oblongus: Apfelbeck, 1904, p. 182.

BSS (Burgas).

IV-VII.

Balkan Peninsula, Asia Minor, Transcaucasia, Syria.

Subgenus **Cephalophonus** Ganglbauer, 1892

Ophonus (Cephalophonus) cephalotes (Fairmaire & Laboulbène, 1854)

Faune ent. franç., 1, p. 126 (*Harpalus*).

Harpalus cephalotes: Apfelbeck, 1904, p. 187.

Ophonus cephalotes: Rambousek, 1912, p. 81. Hieke & Wräse, 1988, p. 120. Vassilev, 1992, p. 26.

Cephalophonus cephalotes: Muche, 1965, p. 75.

D (Vasilovtsi), WB (Sofia), K (Kyustendil), T (Plovdiv), BSS.

New loc.: SP (VI.1968 - coll. R. Rous).

0-600 m; VI-VII.

Central and South Europe, Asia Minor, Caucasus, Kazakhstan.

Subgenus **Ophonus** s. str.

Ophonus (Ophonus) stictus Stephens, 1828

Illustr. Brit. Ent., 1, p. 85.

Ophonus obscurus: Nedelkov, 1909 a, p. 9.

Ophonus stictus: Rambousek, 1912, p. 82. Hieke & Wräse, 1988, p. 121.

D (Razgrad), PR (Veliko Tarnovo), WB (Sofia), T, ST.

Central and South Europe, South Ural, Crimea, Asia Minor, Caucasus, Turkestan, Azores.

NOTE: According to Sciaky (1988, p. 46), this species occurs only in the mountain and foothill regions.

Ophonus (Ophonus) sabulicola ponticus Schauberger, 1926

Col. Centralbl., 1, p. 157.

Harpalus sabulicola: Apfelbeck, 1904, p. 182. Panin, 1941, p. 547.

Ophonus sabulicola: Ioakimov, 1904, p. 9. Nedelkov, 1909 a, p. 9. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 82. A. Müller, 1929, p. 6. Muche, 1965, p. 75.

Ophonus sabulicola var. *columbinus*: Drenowski, 1932, p. 25.

Ophonus sabulicola ponticus: Hieke & Wräse, 1988, p. 121.

D, PR, SPE (Kosharitsa), WB, K, PO (Kazanlak), T, ST, SPT, SL, RDW, BSN, BSS.

New loc.: SPW (Lakatnik, V.1926 - coll. MS), SPM (Peak Botev - coll. MS), V (Bosnek, 1200 m, VIII.1994 - coll. auct.) and S (Malko Tarnovo, V.1921 - coll. MS).

0-1800 m; IV-VIII.

Austria, Romania, Serbia, Bulgaria.

Ophonus (Ophonus) franzinii Sciaky, 1987

Mem. Soc. ent. ital. (1986), 65, p. 48.

Ophonus franzinii: Sciaky, 1987, p. 49. Wräse, 1991, p. 14.

BSS (from Sozopol to Ahtopol).

Italy, Bulgaria, Asia Minor, Cyprus.

Ophonus (Ophonus) ardosianus (Lutshnik, 1922)

Acta Inst. Agr. Stauropolitiani, 1, p. 54 (*Harpalus*).

Ophonus stictus: Hieke & Wräse, 1988, p. 121.

SPT (Sandanski), BSS (from Vlas to Ropotamo).

0-200 m.

Central and South Europe, Asia Minor, North Africa, Madeira, Azores.

NOTE: Z. Brandmayer (1983, cited after Sciaky, 1988, p. 51) is of the opinion, the distribution of this species is restricted to a January isotherm of 2 °C.

Ophonus (Ophonus) diffinis (Dejean, 1829)

Spec. gén. Col., 4, p. 126 (*Harpalus*).

Ophonus diffinis: Hieke & Wräse, 1988, p. 121.

D (Ivanski), T (Belozem), SPT (Sandanski), BSS.

0-200 m; VI-VIII.

West, Central and South Europe, Asia Minor, Caucasus, Lebanon.

Ophonus (Ophonus) similis (Dejean, 1829)

Spec. gén. Col., 4, p. 204 (*Harpalus*).

Ophonus (Ophonus) cibricollis (Dejean, 1829)

Spec. gén. Col., 4, p. 208 (*Harpalus*).

Harpalus cibricollis: Apfelbeck, 1904, p. 184. Markovitch, 1909, p. 5.

Ophonus cibricollis: Ioakimov, 1904, p. 9. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 82. Hieke & Wrase, 1988, p. 126.

Ophonus cibricollis var. *columbianus*: Ioakimov, 1904, p. 9.

D, SPW, SPM, SPE (Kosharitsa), PL, PO, SG (Pancharevo), T, MPO (Gega), BSM, SPT, R, P, RDW, RDE (Ardino), BSN, BSS.

New loc.: BB (Aytos, VI.1972 - coll. R. Rous), S (Peak Golyama Papiya, VII.1934 - coll. MP) and SL (Paril, VI.1988 - coll. auct.).

0-1500 m; V-VIII.

Central and South Europe, South Russia, Asia Minor, Caucasus, West and Central Asia.

Ophonus (Ophonus) signaticornis (Duftschmid, 1812)

Fauna Austr., 2, p. 91 (*Carabus*).

Ophonus signaticornis: Hieke & Wrase, 1988, p. 120. Vassilev, 1988 a, p. 86.

D (Sindel), PR (Reselets), SPE (Kosharitsa), PO (Vasil Levski), T (Plovdiv), SPT, BSS.

0-500 m; VI-IX.

Central and South Europe, Asia Minor, Caucasus.

Subgenus Metophonus Bedel, 1897**Ophonus (Metophonus) nitidulus Stephens, 1828**

Illustr. Brit. ent., 1, p. 161.

Harpalus punctatulus: Apfelbeck, 1904, p. 183.

Ophonus punctatulus: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 82. Hieke & Wrase, 1988, p. 122.

Ophonus punctulatus: Netolitzky, 1912, p. 158.

D (Karakuz), PR (Lovech), SPM, WB (Sofia), L, PO (Dolno Sahrane), T, SPT, R, P, RDW, BSN, BSS.

New loc.: K (Golo bardo, VIII.1992 - coll. auct.).

0-1730 m; V-VIII.

Europe, Asia Minor, Caucasus, Transcaucasia, Siberia.

Ophonus (Metophonus) gammeli (Schauberger, 1932)

Kol. Rundsch., 18, p. 63 (*Harpalus*).

Ophonus gammeli: Hieke & Wrase, 1988, p. 122. Vassilev, 1988 a, p. 86.

D (Karakuz), SPT (Brezhani), R (Samokov).

200-1000 m; VII-X.

Central Europe, Balkan Peninsula.

Ophonus (Metophonus) cordatus (Duftschmid, 1812)

Fauna Austr., 2, p. 169 (*Carabus*).

Ophonus cordatus: Rambousek, 1912, p. 82. Hieke & Wräse, 1988, p. 123. Vassilev & Marintcheva, 1992, p. 103.

Harpalus cordatus: Panin, 1941, p. 547. Vassilev, 1992, p. 26.

D (Ivanski), PR (Cherven bryag), SPW, WB (Sofia), V, SPT (Chukartsi), SL (Paril), BSN (Kranevo).

200-1250 m; IV-IX.

Central and South Europe, Asia Minor, Caucasus, Iran, Siberia, North Africa.

Ophonus (Metophonus) rupicola (Sturm, 1818)

Dtschl. Ins., 4, p. 105 (*Harpalus*).

Harpalus rupicola: Apfelbeck, 1904, p. 183.

Ophonus rupicola: Ioakimov, 1904, p. 9. Nedelkov, 1909 a, p. 9. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 82. Muche, 1965, p. 75. Hieke & Wräse, 1988, p. 124.

PR (Veliko Tarnovo), SPM (Tryavna), WB, V (Marchaevo), T (Plovdiv), SPT, RDW, BSS.

0-1000 m; III-VII.

Central and South Europe, Asia Minor, Caucasus.

Ophonus (Metophonus) puncticollis (Paykull, 1798)

Fauna Suec., 1, p. 120 (*Carabus*).

Harpalus puncticollis: Apfelbeck, 1904, p. 183.

Ophonus puncticollis: Netolitzky, 1912, p. 158. Rambousek, 1912, p. 82. Hieke & Wräse, 1988, p. 122. Wräse, 1991, p. 15. Vassilev & Marintcheva, 1992, p. 103.

PR (Veliko Tarnovo), SPM, WB (Dragoman), V, T (Simeonovgrad), ST, SPT (Sandanski), RDW (Hrabinovo), BSN (Varna), BSS.

0-2100 m; IV-VIII.

Europe, Asia Minor, Caucasus, Syria, South Siberia, Morocco.

Ophonus (Metophonus) cordicollis (Dejean, 1829)

Spec. gén. Col., 4, p. 209 (*Harpalus*).

Ophonus cordicollis: Sciaky, 1987, p. 81.

Ophonus veluchianus: Hieke & Wräse, 1988, p. 123.

T (Stara Zagora), SPT, P (Lilyanovo), RDW (Batak), BSN, BSS.

0-1000 m; VI-VII.

South Russia, Balkan Peninsula.

Ophonus (Metophonus) puncticeps Stephens, 1828

Illustr. Brit. Ent., 1, p. 163.

Ophonus puncticeps: Hieke & Wräse, 1988, p. 123.

Harpalus puncticeps: Vasslev & Nacheva, 1989, p. 51.

D (Ruse), PR, SPM, K (Zemen), PO, T, SPT, R, P, BSN, BSS.

0-1500 m; VI-VIII.

Europe, Asia Minor, Caucasus, Near East.

Ophonus (Metophonus) schaubergerianus Puel, 1937

Misc. Ent., 38, p. 91.

Ophonus schaubergerianus: Hieke & Wräse, 1988, p. 124.

SPM (Shipka), SPT (Sandanski), R, P.

800-2000 m; VII-VIII.

Europe, Asia Minor.

Ophonus (Metophonus) rufibarbis (Fabricius, 1792)

Ent. Syst., 1, p. 155 (*Carabus*).

Harpalus rufibarbis: Apfelbeck, 1904, p. 183.

Ophonus rufibarbis: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 82. Muche, 1965, p. 75. Sciaky, 1987, p. 87. Hieke & Wräse, 1988, p. 124.

D (Karakuz), SPM, SPE (Kosharitsa), WB, PO, T, ST (Lozenets), BSM (Blagoevgrad), SPT, RDW (Batak), RDE (Rani list), BSN, BSS.

New loc.: K (Golo bardo, V.1993 - coll. auct.).

0-1200 m; V-VIII.

Europe, West and Central Asia, North Africa.

Ophonus (Metophonus) melleti (Heer, 1837)

Käf. Schweiz, 2, p. 11 (*Harpalus*).

Ophonus melleti: Muche, 1965, p. 75. Hieke & Wräse, 1988, p. 123.

D, WB (Pernik), K (Zemen), ST, BB (Karnobat), BSM, SPT, R, RDE (Perperek), BSN (Varna), BSS.

New loc.: SP (VI.1968 - coll. R. Rous).

0-800 m; VI.

Europe, Asia Minor, Caucasus, Lebanon.

Ophonus (Metophonus) brevicollis (Serville, 1821)

Faune franç., 8, Col., p. 28 (*Harpalus*).

Ophonus brevicollis var. *crebitor*: Netolitzky, 1912, p. 158.

Ophonus brevicollis: Sciaky, 1987, p. 93. Hieke & Wrase, 1988, p. 124.

SPM (Tryavna), SPE (Kosharitsa), SPT, P (Lilyanovo), BSS.

Czech Republik, South Europe.

Ophonus (Metophonus) subsinuatus Rey, 1886

L'Echange, 20, p. 2.

Ophonus subsinuatus: Sciaky, 1987, p. 95. Hieke & Wrase, 1988, p. 125.

D (Ivanski), SPT (Sandanski).

Central and South Europe, South Russia, North-West Africa.

Ophonus (Metophonus) parallelus (Dejean, 1829)

Spec. gén. Col., 4, p. 219 (*Harpalus*).

Ophonus parallelus: Hieke & Wrase, 1988, p. 122.

SPT (Sandanski), BSS (from Vlas to Burgas).

New loc.: T (Harmanli, VII.1972 - coll. R. Rous) and P (Peak Vihren, VII.1972 - coll. R. Rous).

0-1800 m; VI-VII.

West, Central and South Europe, Asia Minor.

Ophonus (Metophonus) gabrieleae Wrase, 1987

Entom. Nachr. u. Berichte, 31, p. 63. Loc. typ.: "Vlas".

Ophonus gabrielei (sic!): Wrase, 1987, p. 63.

Ophonus gabrieleae: Sciaky, 1987, p. 100. Hieke & Wrase, 1988, p. 125.

RDE (Perperek), BSS (from Vlas to Tsarevo).

Bulgaria, Turkey, Georgia (Caucasus).

Subgenus Incisophonus Sciaky, 1987

Ophonus (Incisophonus) incisus (Dejean, 1829)

Spec. gén. Col., 4, p. 201 (*Harpalus*).

Ophonus incisus: Hieke & Wrase, 1988, p. 121.

SPT (Sandanski).

South Europe, North Africa.

Genus *Pseudophonous* Motschulsky, 1844

Ins. Sib., Mém. Acad. Imp. Sci. St. Pétersbourg, (6) 13, p. 196. Type-species: *Carabus ruficornis* Fabricius, 1775 (= *Carabus rufipes* Degeer, 1774).

Subgenus *Pseudophonous* s. str.***Pseudophonous (Pseudophonous) rufipes* (Degeer, 1774)**

Mem. Hist. Ins., 4, p. 96 (*Carabus*).

Harpalus pubescens: Ioakimov, 1899, p. 763. Apfelbeck, 1904, p. 187. Panin, 1941, p. 547.

Ophonus pubescens: Ioakimov, 1904, p. 9. Nedelkov, 1909 a, p. 9. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 83. Angelov, 1960, p. 21. Muche, 1965, p. 75.

Harpalus ruficornis: Ioakimov, 1904, p. 10. Markovitch, 1909, p. 5.

Pseudophonous rufipes: Lazarov, 1936, p. 3. Popov, 1969, p. 37. Hieke & Wrase, 1988, p. 127.

Pseudophonous pubescens: Drensky, 1942, p. 20.

Harpalus rufipes: Palm, 1966, p. 20.

D, PR (Veliko Tarnovo), SPW, SPM, SPE, WB, L, V, K, PO, SG, T, ST, SPT, R, P, RDW, RDE (Ravnishta), BSN, BSS.

New loc.: S (VIII.1989 - coll. R. Radev), BSM (Blagoevgrad, VI-VII. 1970 - 1975 - coll. MB), SL (1400-1600 m, VIII.1960 - coll. MP) and M (Razlog, V. 1993 - coll. MB).

0-1800 m; III-X.

Europe, West and Central Asia, North Africa.

***Pseudophonous (Pseudophonous) griseus* (Panzer, 1797)**

Fauna Germ., 38, No 1 (*Carabus*).

Harpalus griseus: Apfelbeck, 1904, p. 188. Ioakimov, 1904, p. 10. Markovitch, 1909, p. 5. Panin, 1941, p. 547.

Ophonus griseus: Nedelkov, 1909 a, p. 9. Muche, 1965, p. 75. Palm, 1966, p. 20.

Pseudophonous griseus: Nikolova, 1968, p. 138. Hieke & Wrase, 1988, p. 127.

D, SPM, SPE, WB, PO, T, ST, SPT, R, P, RDW, BSN, BSS.

New loc.: SPW (Petrohanski prohod, 1300-1400 m, VI.1961 - coll. auct.), V (VII.1909 - coll. MP), S (VIII.1989 - coll. R. Radev) and B (VII.1933 - coll. MP).

0-1800 m; IV-VIII.

Europe, Asia (from Asia Minor to Korea, Sakhalin and Japan, also Near East and Central Asia), North-West Africa, Azores.

Subgenus **Platus** Motschulsky, 1844

Pseudophonus (Platus) calceatus (Duftschmid, 1812)

Fauna Austr., 2, p. 81 (*Carabus*).

Harpalus calceatus: Ioakimov, 1904, p. 10. Panin, 1941, p. 547.

Ophonus calceatus: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 83.

Pardileus calceatus: Nedelkov, 1909 b, p. 96. Muche, 1965, p. 75.

Pseudophonus calceatus: Hieke & Wräse, 1988, p. 128.

D, SPW, SPM, WB (Sofia), ST (Yambol), SPT, RDW, BSN, BSS.

0-1000 m; III-VIII.

Europe, Asia Minor, Caucasus, Kazakhstan, South Siberia, Central Asia, Afghanistan, Mongolia, China, Far East of Russia, Korean Peninsula, Japan.

Genus **Harpalus** Latreille, 1802

Hist. Nat. Crust. Ins., 3, p. 92. Type-species: *Carabus proteus* Paykull, 1790 (= *Carabus affinis* Schrank, 1781).

Subgenus **Harpalophonous** Ganglbauer, 1892

Harpalus (Harpalophonous) hospes Sturm, 1818

Ins. Dtschl., 4, p. 88.

Harpalus hospes: Apfelbeck, 1904, p. 188. Ioakimov, 1904, p. 10. Panin, 1941, p. 547. Hieke & Wräse, 1988, p. 128.

Ophonus hospes: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 83.

Ophonus hospes var. *sturmi*: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 83.

Harpalophonous hospes var. *sturmi*: Panin, 1941, p. 547. Muche, 1965, p. 75.

D (Ivanski), SPM, SPE, WB, T, SPT, RDW, BSN, BSS.

New loc.: ST (Golyam Dervent, Ghiolbunar, VI.1993 - coll. auct.) and BB (Strandzha, IV.1909 - coll. MP).

0-1500 m; III-IX.

Central and South-East Europe, Crimea, Asia Minor, Iran, Kazakhstan.

Subgenus **Artabas** Des Gozis, 1882

Harpalus (Artabas) punctostriatus Dejean, 1829

Spec. gén. Col., 4, p. 319.

Harpalus punctostriatus: Apfelbeck, 1904, p. 188. Rambousek, 1912, p. 83. Muche, 1965, p.

75. Hieke & Wräse, 1988, p. 128.
 T (Belozem), ST (Straldzha), BSN (Obzor), BSS.
 0-200 m; V-VII.
 South Europe, Syria, North Africa.

Harpalus (Artabas) rumelicus Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 188. Loc. typ.: "Burgas".

Harpalus stierlini: Hieke & Wräse, 1988, p. 128.

BSS (Burgas).

Balkan Peninsula.

NOTE: According to Kataev (personal communication), *Harpalus stierlini* Poncy, 1901, is a synonym of *H. dispar splendens* Gebler, 1837.

Subgenus **Harpalus** s. str.

Harpalus (Harpalus) affinis (Schrink, 1781)

Enum. Ins. Austr., p. 212 (*Carabus*).

Harpalus aeneus: Ioakimov, 1899, p. 763; 1904, p. 10. Apfelbeck, 1904, p. 190. Markovitch, 1904, p. 236; 1909, p. 5. Nedelkov, 1909 a, p. 9. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 84. Roubal, 1933, p. 106. Hieke & Wräse, 1988, p. 129.

Harpalus aeneus var. *confusus*: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 84.

Harpalus aeneus var. *limbopunctatus*: Rambousek, 1912, p. 84.

Harpalus aeneus var. *semipunctatus*: Panin, 1941, p. 547.

Harpalus affinis: Vassilev & Marintcheva, 1992, p. 103.

D, PR (Veliko Tarnovo), SPM, WB, PO, SG, T, BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: SPW (Ponor planina, X.1992 - coll. auct.), L (VI.1933 - coll. MP and X.1992 - coll. auct.), V (V.1929 - coll. MP) and SL (Paril, VI.1988 and V.1993 - coll. auct.).

0-2400 m; III-X.

Europe, Asia Minor, Caucasus, Near East, Iran, Central Asia, Kazakhstan, Mongolia, Siberia up to Chita and Yakutia in the east.

Harpalus (Harpalus) metallinus Ménétriés, 1836

Bull. Sci. Acad. Imp. St. Pétersb., 1, p. 149.

Harpalus metallinus: Nedelkov, 1909 a, p. 10. Hieke & Wräse, 1988, p. 130.

SP, T (Stara Zagora), BSS.

0-1000 m; IV-VI.

Balkan Peninsula, Asia Minor, Syria, Caucasus, Iraq, Lebanon.

Harpalus (Harpalus) obesus Dejean, 1829

Spec. gén. Col., 4, p. 273.

Harpalus obesus: Apfelbeck, 1904, p. 190. Rambousek, 1912, p. 84. Hieke & Wrase, 1988, p. 130.

SPE (Sliven), WB (Sofia), ST (Yambol), BSS (Pomorie).

Hungary, South Europe (except for Iberian Peninsula), Ukraine, Asia Minor, Caucasus, Syria, Kazakhstan, North Africa.

Harpalus (Harpalus) akinini Tschitschérine, 1895

Horae Soc. Ent. Ross., 29, p. 214.

Harpalus subtruncatus: Apfelbeck, 1904, p. 191. G. Müller, 1931, p. 58, nota 25.

D (Siliстра - 1 ex.).

New loc.: V (VII.1972 - coll. R. Rous sub *H. subtruncatus* Chadoir).

Bulgaria, Asia Minor, Caucasus.

NOTE: According to Kataev (personal communication), *Harpalus subtruncatus* Chadoir, 1846, is absent from the Bulgarian fauna, all the previous records from there being false and actually referring to *H. akinini* Tschitsch., a species originally described from Astrakhan.

Harpalus (Harpalus) saxicola Dejean, 1829

Spec. gén. Col., 4, p. 316.

Harpalus saxicola: Apfelbeck, 1904, p. 191. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 84. Hieke & Wrase, 1988, p. 130.

PR (Veliko Tarnovo), SPM, WB, L, V, PO, T, BSM, SPT, RDW, RDE, BSS.

New loc.: SG (Germanski manastir, VI.1908 - coll. MP and Starozagorski bani, VI.1961 - coll. auct.), ST (Sakar, IV.1909 - coll. MP), BB (Strandzha, IV.1909 - coll. MP), R (Musala, VIII.1908 - coll. MP), P (Vlahi - coll. MP) and BSN (Varna, 1 ex. - coll. MP). 0-1300 m; III-IX.

Central Europe, Balkan Peninsula, Crimea, Ukraine, Asia Minor, Transcaucasia.

Harpalus (Harpalus) angulatus scytha Tschitschérine, 1899

L'Abeille, 29, p. 270.

Harpalus angulatus scytha: Hieke & Wrase, 1988, p. 130.

T (Belozem), SPT (Melnik).

Balkan Peninsula, Romania, South Russia.

Harpalus (Harpalus) distinguendus (Duftschmid, 1812)

Fauna Austr., 2, p. 76 (*Carabus*).

Harpalus distinguendus: Apfelbeck, 1904, p. 192. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 84. Roubal, 1933, p. 106. Panin, 1941, p. 547. Nikolova, 1968, p. 138. Hieke & Wräse, 1988, p. 131.

Harpalus psittaceus: Ioakimov, 1904, p. 10. Markovitch, 1909, p. 5.

D, SPM, SPE, WB, V, PO, SG, T, ST, BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: SPW (Ponor planina, X.1992 - coll. auct.), L (VI.1933 - coll. MP), B (1800-2000 m, VI.1988 - coll. auct.) and RDE (Kardzhali, V.1956, 1 ex.- coll. IF).

0-2370 m; III-XI.

Europe, Asia Minor, Caucasus, Syria, Iran, Afghanistan, Kazakhstan, Central Asia, West Siberia, Mongolia, North China, Far East of Russia, Azores, Madeira, North-West Africa.

Harpalus (Harpalus) cupreus fastuosus Faldermann, 1835

Fauna Transcauc., 1, p. 87.

Harpalus cupreus: Apfelbeck, 1904, p. 192. Ioakimov, 1904, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 84.

Harpalus cupreus fastuosus: Hieke & Wräse, 1988, p. 131.

SPW (Svoge), SPM (Tryavna), SPE (Kosharitsa), WB (Sofia), PO (Vasil Levski), T (Plovdiv), RDW, BSN (Varna), BSS.

New loc.: ST (Sakar, IV.1909 - coll. MP).

0-1000 m; III-VII.

Balkan Peninsula, Asia Minor.

Harpalus (Harpalus) euchlorus Ménétriés, 1836

Bull. Sci. Acad. Imp. St. Pétersb., 1, p. 149.

Harpalus euchlorus: Apfelbeck, 1904, p. 193. G. Müller, 1931, p. 60.

BSN (Varna).

New loc.: BSS (Burgas, Lake Mandrensko ezero, V.1933 - coll. MP).

0-50 m; V-VI.

Balkan Peninsula.

Harpalus (Harpalus) smaragdinus (Duftschmid, 1812)

Fauna Austr., 2, p. 78 (*Carabus*).

Harpalus smaragdinus: Apfelbeck, 1904, p. 193. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10; 1909 b, p. 96. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 84. Panin, 1941, p. 547. Guéorguiev, 1988, p. 76. Hieke & Wräse, 1988, p. 132.

D (Ivanski), SPW, SPM, SPE (Kosharitsa), WB, PO, SG, T, BB, MPO (Gega), BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: K (Golo bardo, 1000 m, VI.1961 - coll. MP and Golo bardo, V.1993 - coll. auct.) and SL (Paril, VI.1988 - coll. auct.).

0-2450 m; III-VIII.

Europe, Caucasus, West Asia, Siberia.

Harpalus (Harpalus) caspius Steven, 1806

Mém. Soc. Nat. Moscou, 1, p. 160.

Harpalus caspius: Hieke & Wrase, 1988, p. 132. Vassilev & Necheva, 1990, p. 132.

SPM (Kalofer), SPE (Kosharitsa), WB, V, PO, RD.

New loc.: K (Golo bardo, V.1993 - coll. auct.).

300-1200 m; V-IX.

Central Europe, Balkan Peninsula, South Russia, Asia Minor, Caucasus, Kazakhstan.

Harpalus (Harpalus) dimidiatus (Rossi, 1790)

Fauna Etrusca, 1, p. 214 (*Carabus*).

Harpalus dimidiatus: Apfelbeck, 1904, p. 193. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 84. Hieke & Wrase, 1988, p. 132.

D, PR (Veliko Tarnovo), SPW, SPM, SPE (Kosharitsa), WB, PO (Vasil Levski), T, SPT, RDW, RDE, BSS.

New loc.: L (VI.1935 - coll. MP), ST (Mramor, V.1988 - coll. R. Radev and Golyam Dervent, Ghiolbunar, VI.1993 - coll. auct.), P (Sharlir - coll. MP), SL (VI.1929 - coll. MP) and BSN (Aladzha manastir, IV.1988 - coll. R. Radev).

0-800 m; III-VIII.

West, Central and South Europe, Asia Minor, Caucasus, North Iran.

Harpalus (Harpalus) rubripes (Duftschmid, 1812)

Fauna Austr., 2, p. 77 (*Carabus*).

Harpalus rubripes: Apfelbeck, 1904, p. 194. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10. Rambousek, 1912, p. 85. Panin, 1941, p. 547. Drenowski, 1942, p. 10. Hieke & Wrase, 1988, p. 133.

D (Karakuz), SPM, SPE (Kosharitsa), WB, V, K, PO, T, SPT, R, P, SL, RDW, BSN, BSS.

New loc.: SPW (Ponor planina, IX.1992 - coll. auct.), SG (Starozagorski bani, VI.1961 - coll. auct.), B (1500 m, VIII.1960 - coll. MP and Klyuch, VI.1988 - coll. auct.) and M (Ognyanovo, VI.1988 - coll. auct.).

0-2000 m; III-X.

Europe, Asia Minor, Caucasus, Syria, West Siberia up to Baikal in the east, Central Asia (mountains) to West China (Kansu), North America (introduced).

Harpalus (Harpalus) marginellus Dejean, 1829

Spec. gén. Col., 4, p. 338.

Harpalus marginellus: Nedelkov, 1909 a, p. 10. Rambousek, 1912, p. 85.

SPW (Cherepish), WB (Pancharevo), V.

New loc.: B (VII.1932 - coll. MP).

700-1000 m; IV-VII.

Central Europe, Italy, Balkan Peninsula.

Harpalus (Harpalus) quadripunctatus Dejean, 1829

Spec. gén. Col., 4, p. 326.

Harpalus quadripunctatus: Apfelbeck, 1904, p. 194. Hieke & Wrase, 1988, p. 133. Vassilev & Marintcheva, 1992, p. 104.

SPM, V, SG, SPT (Sandanski), R, P, RDW.

New loc.: B (VI.1986 - coll. auct.).

500-1900 m; IV-VIII.

Europe, Asia Minor, Caucasus, Mongolia, China, Far East of Russia, Sakhalin, Japan (Hokkaido), North America (introduced).

NOTE: According to Lafer (1989, p. 187), Siberia is populated by the ssp. *motschulskyanus* Schaub.

Harpalus (Harpalus) serdicanus Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 195. Loc. typ.: "Vitosa-plan. bei Sofia" (= Vitosha).

Harpalus serdicanus: G. Müller, 1931, p. 61, nota 31.

V (1 ex.- male).

Bulgaria.

NOTE: This is a doubtful species. According to Apfelbeck (1904, p. 195), it is very close to *H. atratus* Latr., according to G. Müller (1931, p. 61, nota 31) close also to *H. quadripunctatus* Dej., whereas Hieke & Wrase (1988, p. 133) believe it may be equal to *H. rubripes* Duft.

Harpalus (Harpalus) progrediens Schaefferer, 1922

Ent. Anz., 2, p. 77.

Harpalus progrediens: Vassilev, 1992, p. 26.

SPW (Belogradchik), P (Bansko).

400-1000 m; VI-VII.

Poland, Germany, Czech Republic, Austria, Romania, Bulgaria.

Harpalus (Harpalus) latus (Linnaeus, 1758)

Syst. Nat., ed.10, p. 415 (*Carabus*).

Harpalus latus: Ioakimov, 1904, p. 10. Hieke & Wräse, 1988, p. 134.

WB (Gorublyane), SG (Hut Fenera), T (Plovdiv), R, P, RDW, BSS (Arkutino).

New loc.: SPM (Kaloferska planina, VI.1933 and Tetevenska planina, Peak Vezhen, 1900-2100 m, VIII.1960 - coll. MP).

500-2100 m; V-VIII.

Europe, Caucasus, Kazakhstan, Central Asia, Siberia, Mongolia, Far East of Russia, Sakhalin, Japan (Hokkaido).

Harpalus (Harpalus) luteicornis (Duftschmid, 1812)

Fauna Austr., 2, p. 86 (*Carabus*).

Harpalus luteicornis: Nedelkov, 1909 a, p. 10. Vassilev, 1988 a, p. 86.

PR (Cherven bryag), WB (Sofia), M (Ognyanovo), RDE (Zlatograd).

New loc.: P (Banderitsa and Cherna voda - coll. MP).

500-1800 m; V-VIII.

North and Central Europe, Italy, Balkan Peninsula, Caucasus, Iran, Siberia.

Harpalus (Harpalus) xanthopus winkleri Schaeffer, 1923

Ent. Anz., 3, p. 116.

Harpalus xanthopus winkleri: Hieke & Wräse, 1988, p. 134.

P, RDW (Pamporovo).

North and Central Europe, Crimea, Balkan Peninsula, Asia Minor, Caucasus, Kazakhstan.

Harpalus (Harpalus) albanicus Reitter, 1900

Verh. naturf. Ver. Brünn, 38, p. 114.

Harpalus albanicus: Apfelbeck, 1904, p. 199. Rambousek, 1912, p. 86. Hieke & Wräse, 1988, p. 134.

D (Kalipetrovo), SPM, SPE (Kosharitsa), WB (Sofia), PO, T (Plovdiv), ST, SPT, RDW (Prespa), BSN (Varna), BSS.

New loc.: L (VI.1933 - coll. MP).

0-1800 m; VI-VIII.

West, Central and South Europe, Crimea, Asia Minor, Caucasus.

Harpalus (Harpalus) tardus (Panzer, 1797)

Fauna Ins. Germ., 37, p. 24 (*Carabus*).

Harpalus tardus: Apfelbeck, 1904, p. 198. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10.

Netolitzky, 1912, p. 158. Muche, 1965, p. 76. Nikolova, 1968, p. 138. Hieke & Wrase, 1988, p. 135. Penev, 1992, p. 96.

D, SPW, SPM, WB, PO, T, SPT, R, RDW, BSN (Varna), BSS.

New loc.: PR (Veliko Tarnovo, XII.1919 - coll. MP), SPE (Aytoska planina, VI.1993 - coll. auct.), P (V-VI.1929 - coll. MP), B (VII.1993 - coll. MP) and M (Ognyanovo, VI.1988 - coll. auct.).

0-2000 m; III-VIII, XII.

Europe, Asia Minor, Caucasus, Iran, West Siberia, Turkmenia.

Harpalus (Harpalus) serripes (Quensel, 1806)

in: Schönherr, Syn. Ins., 1, p. 199 (*Carabus*).

Harpalus serripes: Apfelbeck, 1904, p. 197. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Muche, 1965, p. 76. Hieke & Wrase, 1988, p. 135.

Harpalus serripes var. *subchalybaeus*: Rambousek, 1912, p. 86.

D, PR, SPW, SPM, SPE (Kosharitsa), WB, K, PO, SG, T, BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: V (V.1909 - coll. MP and Bosnek, 1200 m, VIII.1994 - coll. auct.), B (VII.1933 - coll. MP) and SL (VI.1929 - coll. MP; VI.1986 - coll. auct.; Goleshovo, IV.1993 - coll. auct. and Paril, 900 m, IV-V.1993 - coll. auct.).

0-2200 m; IV-XI.

Europe, Asia Minor, Caucasus, Siberia, Central Asia, North Africa.

Harpalus (Harpalus) fuscicornis Ménétriés, 1832

Cat. Zool. Cauc., p. 134.

Harpalus fuscicornis: Wrase, 1991, p. 15.

D (Dabrava), WB (Dragoman).

50-900 m; VI.

South Europe, Ukraine, Crimea, Asia Minor, Caucasus, Iraq, Central Asia, North-West Africa.

Harpalus (Harpalus) autumnalis (Duftschmid, 1812)

Fauna Austr., 2, p. 100 (*Carabus*).

Harpalus autumnalis: Apfelbeck, 1904, p. 197. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 85. Roubal, 1933, p. 106. Panin, 1941, p. 547. Hieke & Wrase, 1988, p. 136.

Harpalus imiger (sic!): Markovitch, 1904, p. 236; 1909, p. 5.

D (Razgrad), PR (Veliko Tarnovo), SPM, WB, PO (Vasil Levski), T, VL, BSM, SPT, R, P, RDW, BSN, BSS.

New loc.: K (Ruy - Erma River, VIII.1992 - coll. auct.), ST (Yambol, IV.1909 and

Strandzha, V.1909 - coll. MP) and RDE (Momchilgrad, VI.1947 - coll. MP).
0-1800 m; III-IX.

West, Central and East Europe, South Russia, Balkan Peninsula, Caucasus, North Africa.

Harpalus (Harpalus) politus Dejean, 1829

Spec. gén. Col., 4, p. 370.

Harpalus politus: Apfelbeck, 1904, p. 197. Nedelkov, 1909 a, p. 10. A. Müller, 1929, p. 7. Drenowski, 1937, p. 10.

D (Provadiya), SPE, R, BSN (Kavarna).

0-1000 m; IV-VII.

Central and East Europe, Balkan Peninsula, Caucasus, Kazakhstan, Siberia.

Harpalus (Harpalus) modestus Dejean, 1829

Spec. gén. Col., 4, p. 367.

Harpalus modestus: Apfelbeck, 1904, p. 200. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 86.

PR (Veliko Tarnovo), SPW (Lakatnik), SG, T (Stara Zagora), RDW (Asenovgrad), BSN (Varna).

0-800 m; IV-VII.

Central, East and South Europe, Caucasus, Kazakhstan, South Siberia, Mongolia, China, Far East of Russia, Korean Peninsula, Japan.

Harpalus (Harpalus) flavigornis Dejean, 1829

Spec. gén. Col., 4, p. 306.

Harpalus flavigornis: Apfelbeck, 1904, p. 198. Ioakimov, 1904, p. 10. Markovitch, 1904, p. 236; 1909, p. 5. Rambousek, 1912, p. 86. Panin, 1941, p. 547. Hieke & Wrase, 1988, p. 136.

D, SPW (Svoge), SPM, SPE (Kosharitsa), WB, PO (Vasil Levski), T, BSM, SPT, R, BSN, BSS.

New loc.: L (VI.1933 - coll. MP), K (Golo bardo, VI.1961 - coll. MP), ST (Yambol, IV.1909 - coll. MP) and P (V-VI.1929 and Vlahi - coll. MP).

0-1000 m; IV-VIII.

Central Europe, Italy, South-East Europe, Asia Minor, Caucasus, North Iran.

Harpalus (Harpalus) triseriatus Fleischer, 1897

Wien. Ent. Ztg., 16, p. 73.

Harpalus triseriatus: Mlynar, 1979, p. 85. Hieke & Wrase, 1988, p. 137.

Harpalus trisceiatus (sic!): Vassilev, 1992, p. 26.

B, SPT, R (Rilski manastir), P.
250-1600 m; V-VIII.
Balkan Peninsula, Asia Minor.

Harpalus (Harpalus) atratus Latreille, 1804

Hist. Nat. Crust. Ins., 8, p. 360.

Harpalus atratus: Apfelbeck, 1904, p. 195. Ioakimov, 1904, p. 10. Rambousek, 1912, p. 85.
Hieke & Wräse, 1988, p. 137.

D, SPW, SPM, V, SG, T (Plovdiv), SPT, R, P, RDW (Bachkovo), BSS (Burgas).
New loc.: K (Golo bardo, V.1993 - coll. auct) and S (Kalovo, VII.1934 - coll. MP).
0-1600 m; V-X.

Central and South Europe, Caucasus, West Asia.

Harpalus (Harpalus) litigiosus Dejean, 1829

Spec. gén. Col., 4, p. 361.

Harpalus litigiosus: Hieke & Wräse, 1988, p. 137.

BSN (Shkorpilovtsi), BSS (Vlas, Nesebar).

South Europe, Asia Minor, Israel, North Africa.

Harpalus (Harpalus) melancholicus Dejean, 1829

Spec. gén. Col., 4, p. 359.

Harpalus melancholicus: Anonymous, 1907, p. 283. Panin, 1941, p. 547. Karnoschitzky, 1950,
p. 35. Hieke & Wräse, 1988, p. 137.

SPT (Sandanski), BSN, BSS.

New loc.: P (Vlahi, VII.1932 - coll. MP), RDE (Momchilgrad, VI.1961 - coll. MP).
0-1200 m; VI-VIII.

Central and South Europe, Asia Minor, Caucasus, Iran, Turkmenia, Algeria.

Harpalus (Harpalus) tenebrosus Dejean, 1829

Spec. gén. Col., 4, p. 358.

Harpalus tenebrosus: Apfelbeck, 1904, p. 194. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10.
Rambousek, 1912, p. 85. Hieke & Wräse, 1988, p. 138. Vassilev, 1988 b, p. 89.

Harpalus tenebrosus var. *solieri*: Muche, 1965, p. 76.

D, SPW, SPM, K (Kyustendil), T (Plovdiv), MPO (Tsaparevo), BSM (Blagoevgrad),
SPT, P (Lilyanovo), M (Gotse Delchev), RDW, BSN (Varna), BSS.

New loc.: V (Bosnek, 1200 m, VIII.1994 - coll. auct.) and SG (Koprivshtitsa, VIII.1985
- coll. auct.).

0-1000 m; IV-IX.

Central and South Europe, Asia Minor, Transcaucasia, Transcaspia, Syria, Iraq, Israel, Central Asia to China, North Africa, Canary Islands, Madeira.

Harpalus (Harpalus) honestus (Duftschmid, 1812)

Fauna Austr., 2, p. 85 (*Carabus*).

Harpalus honestus: Apfelbeck, 1904, p. 196. Markovitch, 1904, p. 236; 1909, p. 5. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 85. Drenowski, 1937, p. 10. Csiki, 1943, p. 214. Nikolova, 1968, p. 138. Hieke & Wräse, 1988, p. 138. Vassilev & Marintcheva, 1992, p. 104.

Harpalus honestus ab. *fabichi*: Maran, 1935, p. 213.

D (Razgrad), SPM, WB, V, PO, SG, T, B, SPT, R, P, SL, RDW, BSN (Varna).

New loc.: PR (Karlukovo, IX.1923 - coll. MP) and S (VIII.1989 - coll. R. Radev).

0-2200 m; III-IX.

Central and South Europe, Asia Minor, Caucasus, Siberia.

Harpalus (Harpalus) rufipalpis Sturm, 1818

Dtschl. Ins., 4, p. 70.

Harpalus rufitarsis: Apfelbeck, 1904, p. 196. Rambousek, 1912, p. 85. Hieke & Wräse, 1988, p. 138. Vassilev & Necheva, 1989, p. 51.

SPM, V, SG, T (Plovdiv), BSM (Blagoevgrad), SPT, R, P, RDW, BSS.

New loc.: SPW (Krapets, 1 ex. - coll. MP) and B (1800-2000 m, VI.1986 and VI.1988 - coll. auct.).

0-2200 m; V-X.

Europe, Asia Minor, Caucasus, West Siberia, ? North Africa.

Harpalus (Harpalus) neglectus Serville, 1821

Faune franç., 8, Col., p. 26.

New to Bulgaria: WB (Sofia, V.1909, 1 ex., Dryanovski - coll. MS), T (Plovdiv, 7.IV.1963, 1 ex., Angelov - coll. MP) and RD (Rhodopes, 7-17.V.1963, 4 ex., Angelov - coll. MP). All specimens were determined by Mlynar.

Europe, Caucasus, North Africa.

Harpalus (Harpalus) sulphuripes Germar, 1824

Ins. Spec. nov., p. 24.

Harpalus sulphuripes: Ioakimov, 1904, p.10. Drenowski, 1937, p.10. Hieke & Wräse, 1988, p.139. Vassilev & Marintcheva, 1992, p. 104.

V, T (Spahievo), SL, RDW (Bachkovski manastir), RDE, BSN (Kamchiya), BSS.

0-1500 m; IV-VIII.

West, Central and South Europe, North Africa.

Harpalus (Harpalus) attenuatus Stephens, 1828

Illustr. Brit. Ent., 1, p. 152.

Harpalus attenuatus: Panin, 1941, p. 547. Hieke & Wräse, 1988, p. 139. Vassilev & Necheva, 1989, p. 51. Vassilev & Marintcheva, 1992, p. 104.

SPM, V, T, SPT (Melnik), R, P, RDW, BSN (Kranevo), BSS.

0-1150 m; VI-IX.

Central and South Europe, Asia Minor, Caucasus, North Africa, Madeira.

Harpalus (Harpalus) pygmaeus Dejean, 1829

Spec. gén. Col., 4, p. 303.

Harpalus pygmaeus: Apfelbeck, 1904, p. 195. Ioakimov, 1904, p. 10. Rambousek, 1912, p. 84. Hieke & Wräse, 1988, p. 139. Vassilev & Necheva, 1990, p. 132.

D (Pleven), SPW (Mezdra), SPM, WB (Sofia), V, PO, T (Plovdiv), S, BSM (Blagoevgrad), SPT, RDE (Spahievo), BSS.

New loc.: BB (Aytos, VII.1974 - coll. R. Rous).

0-1600 m; IV-IX.

Central and South Europe, Asia Minor, Syria.

Harpalus (Harpalus) anxius (Duftschmid, 1812)

Fauna Austr., 2, p. 102 (*Carabus*).

Harpalus anxius: Apfelbeck, 1904, p. 199. Ioakimov, 1904, p. 10. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Panin, 1941, p. 547. Hieke & Wräse, 1988, p. 139.

SPW (Svoge), SPM, WB (Sofia), V, PO (Kazanlak), T, BSM (Simitli), SPT, R, P, RDW, BSN, BSS.

New loc.: D (Polkovnik Savovo, VIII.1964 - coll. MP), SG (Germanski manastir, VI.1908 - coll. MP), ST (Yambol, IV.1909 - coll. MP) and SL (VI.1988 - coll. auct.).

IV-VIII.

Europe, Asia Minor, Caucasus, Siberia, Kirghizia, Mongolia, China, Algeria.

Harpalus (Harpalus) subcylindricus Dejean, 1829

Spec. gén. Col., 4, p. 374.

Harpalus subcylindricus: Hieke & Wräse, 1988, p. 140. Vassilev, 1988a, p. 86.

SPW (Belogradchik), SPE, WB (Pernik), PO, BSM (Blagoevgrad), SPT, P, RDW, BSS.

New loc.: K (Golo bardo, 1000 m, VI.1961 - coll. MP and Golo bardo, V.1993 - coll. auct.), M (Gotse Delchev, VII.1961 - coll. MP), RDE (Momchilgrad, VI.1961 - coll. MP) and BSN (Varna, VI.1934 - coll. MP).

0-1000 m; V-VIII.

Central and South Europe, Balkan Peninsula, Ukraine, Caucasus, South Ural, Kazakhstan, South Siberia, China.

New loc.: SPW (Ponor planina, IX.1992 - coll. auct.), SPE (Sliven, 1000 m, VI.1908 - coll. MP), T (Harmanli, VII.1972 - coll. R. Rous), ST (Sakar, IV.1909 - coll. MP), SL (Paril, VI.1988 - coll. auct.), M (Ognyanovo, VI.1988 - coll. auct.) and RDW (Bachkovo, 1 ex. - coll. MP).

0-1000 m; III-IX.

North, Central and South Europe, Italy, Balkan Peninsula, Asia Minor, Caucasus, West Siberia, Kazakhstan, Kirghizia, Altai, China.

Harpalus (Actephilus) picipennis (Duftschmid, 1812)

Fauna Austr., 2, p. 102 (*Carabus*).

Harpalus picipennis: Apfelbeck, 1904, p. 200. Nedelkov, 1909 a, p. 10. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 86. Drenowski, 1937, p. 10. Panin, 1941, p. 547. Nikolova, 1968, p. 138. Hieke & Wräse, 1988, p. 141.

SPM, WB (Sofia), PO, SG, T, SPT, SL, RD, BSN (Kranevo), BSS.

New loc.: P (Breznitsa, VI.1929 - coll. MP).

0-1450 m; IV-VIII.

North, Central and East Europe, Balkan Peninsula, Crimea.

Subgenus **Acardystus** Reitter, 1908

Harpalus (Acardystus) flavesiensis (Piller & Mitterpacher, 1783)

Iter per Poseg., p. 98 (*Carabus*).

Harpalus ferrugineus: Ioakimov, 1904, p. 10.

Harpalus flavesiensis: Hieke & Wräse, 1988, p. 129.

SPW (Mezdra), PO (Turiya), SPT (Kresna), BSN (Varna).

New loc.: WB (Sofia, Novi Iskar, III.1909 - coll. MP).

0-600 m; III-VIII.

Central, East and South-East Europe, Caucasus.

Subgenus **Haploharpalus** Schauberger, 1926

Harpalus (Haploharpalus) hirtipes (Panzer, 1797)

Fauna Ins. Germ., 38, No 5 (*Carabus*).

Harpalus hirtipes: Wräse, 1991, p. 15.

D (Ruse).

Europe (except for Iberian Peninsula), Caucasus, Siberia, Central Asia, Mongolia, China.

Harpalus (Haploharpalus) zabroides Dejean, 1829

Spec. gén. Col., 4, p. 343.

Harpalus zabroides: Apfelbeck, 1904, p. 196. Rambousek, 1912, p. 85. Hieke & Wräse, 1988, p. 128. Wräse, 1991, p. 15.

SPE (Sliven), BSN (Albena), BSS (Vlas).

0-1000 m.

Central, East and South Europe, Crimea, Caucasus, Iran, Central Asia, Kazakhstan, Siberia up to Irkutsk in the east.

Harpalus (Haploharpalus) froelichi Sturm, 1818

Dtschl. Ins., 4, p. 117.

Harpalus froelichi: Hieke & Wräse, 1988, p. 128. Vassilev & Necheva, 1990, p. 132.

D (Polkovnik Savovo), SPE (Sliven), V, T (Plovdiv), SPT, RDE (Perperek), BSN (Varna), BSS.

0-1600 m; VI-IX.

Europe (except for Iberian Peninsula), Caucasus, Kazakhstan, Central Asia, South Siberia, Mongolia, North China, Far East of Russia, North Korea.

Genus Pangus Dejean, 1821

Cat. coll. Col. Dejean, p. 13. Type-species: *Harpalus scaritides* Sturm, 1818.

Pangus scaritides (Sturm, 1818)

Dtschl. Ins., 4, p. 81 (*Harpalus*).

Harpalus scaritides: Hieke & Wräse, 1988, p. 141.

Pangus scaritides: Wräse, 1991, p. 15.

BSN (Kamchiya), BSS (Sozopol to Kiten).

0-100 m.

Central and South Europe, Crimea, Asia Minor, Caucasus, Algeria.

Genus Parophonus Ganglbauer, 1892

Käfer Mitteleuropa, 1, p. 340, 345. Type-species: *Carabus maculicornis* Duftschmid, 1812.

Parophonus hirsutulus (Dejean, 1829)

Spec. gén. Col., 4, p. 226 (*Harpalus*).

Ophonomimus hirsutulus: Hieke & Wräse, 1988, p. 141.

BSM (Cherniche), SPT (Rupite, Sandanski).

New loc.: T (Pazardzhik, V.1906 - coll. MS).

200-500 m; V-VI.

South Europe, Asia Minor, North Africa.

Paraphonus maculicornis (Duftschmid, 1812)

Fauna Austr., 2, p. 90 (*Carabus*).

Harpalus maculicornis: Apfelbeck, 1904, p. 186.

Ophonus maculicornis: Nedelkov, 1909 a, p. 9. Netolitzky, 1912, p. 158.

Paraphonus maculicornis: Hieke & Wräse, 1988, p. 142. Arndt, 1990, p. 143.

D (Karakuz), PR, SPM (Tryavna), WB (Sofia), PO (Vasil Levski), T (Stara Zagora), SPT, R (Slavovo), BSS.

0-900 m; IV-VII.

West, Central and South Europe, Asia Minor.

Paraphonus dejeani (Csiki, 1932)

Coleopt. Catal., 6 (121), p. 1211 (*Trichotichnus*).

Ophonus maculicornis var. *complanatus*: Nedelkov, 1909 a, p. 9.

Paraphonus complanatus: Hieke & Wräse, 1988, p. 142. Vassilev, 1992, p. 26.

SPE (Sliven), PO (Vasil Levski), T, SPT, BSN (Varna).

New loc.: WB (Greben planina, Bankya, XI.1992 - coll. auct.).

0-800 m; V-VII, XI.

Central Europe, South-East Europe, ? Asia Minor, ? Syria.

Paraphonus dia (Reitter, 1900)

Verh. naturf. Ver. Brünn, 38, p. 68 (*Ophonus*).

Paraphonus dia: Guéorguiev, 1992, p. 67.

T (Harmanli, 2 ex.).

Bulgaria, Asia Minor, Near East.

Paraphonus laeviceps (Ménétriés, 1832)

Cat. Zool. Cauc., p. 130 (*Harpalus*).

Harpalus planicollis: Apfelbeck, 1904, p. 186.

Ophonus planicollis: A. Müller, 1929, p. 6.

Paraphonus laeviceps: Hieke & Wräse, 1988, p. 142.

SPE (Kosharitsa), BSN (Kaliakra), BSS (Vlas to Sozopol).

0-200 m; VI-VIII.

Balkan Peninsula, Asia Minor, Transcaucasia, Iraq.

Paraphonus mendax (Rossi, 1790)

Fauna Etrusca, 1, p. 223 (*Carabus*).

Ophonus mendax: Nedelkov, 1909 a, p. 9. Rambousek, 1912, p. 82.

Paraphonus mendax: Hieke & Wräse, 1988, p. 143. Vassilev & Marintcheva, 1992, p. 103.

SPE (Kosharitsa), WB, V, L, SG (Ihtiman), T (Stara Zagora), BSS.

0-1150 m; IV-VII.

Central and South Europe, Asia Minor, Caucasus.

Paraphonus planicollis (Dejean, 1829)

Spec. gén. Col., 4, p. 227 (*Harpalus*).

Tachyophonus suturifer: Muche, 1965, p. 76.

Paraphonus suturalis: Hieke & Wräse, 1988, p. 142.

D (Popina), SPT, P (Lilyanovo), BSN (Varna), BSS.

0-1000 m; VI-VIII.

Italy, Balkan Peninsula, Asia Minor, Caucasus, Transcaucasia.

Genus Acinopus Dejean, 1821

Catal. coll. Col. Dejean, p. 13. Type-species: *Carabus megachephalus* Illiger, 1802 (= *Carabus picipes* Olivier, 1795).

Subgenus Osimus Motschulsky, 1850

Acinopus (Osimus) ammophilus Dejean, 1829

Spec. gén. Col., 4, p. 38.

Acinopus ammophilus: Apfelbeck, 1904, p. 179. Ioakimov, 1904, p. 9. Rambousek, 1912, p. 81. A. Müller, 1929, p. 6. Hieke & Wräse, 1988, p. 143.

SPE (Sliven), T (Haskovo), BB (Lozenets), SPT, P, M (Ognyanovo), RDW, BSN, BSS.

New loc.: D (Svishtov, VII.1934 - coll. MP).

0-1200 m; V-VII.

Italy, Balkan Peninsula, Crimea, South Russia, Asia Minor, Caucasus, Turkmenia, Iran.

Subgenus Acinopus s. str.

Acinopus (Acinopus) subquadratus Brullé, 1832

Expl. Scient. Morée, 3, p. 119.

New to Bulgaria: SPT (Sandanski, 16-24.VI.1971, 15 ex., Bily - coll. MP), RDE

Genus *Daptus* Fischer-Waldheim, 1824

Entomogr. russici, 2, p. 35. Type-species: *Daptus vittatus* Fischer-Waldheim, 1824.

***Daptus vittatus* Fischer-Waldheim, 1824**

Entomogr. russici, 2, p. 38.

Daptus vittatus: Karnoschitzky, 1950, p. 33. Hieke & Wrase, 1988, p. 144. Vassilev & Necheva, 1989, p. 51.

V, RDE (Zlatograd), BSN (Varna), BSS (Vlas to Burgas).

0-900 m; IV-VIII.

South Europe, Crimea, Asia Minor, Caucasus, Central Asia, North Africa.

Genus *Oedesis* Motschulsky, 1850

Käf. Russl., p. 20. Type-species: *Ditomus caucasicus* Dejean, 1831.

***Oedesis caucasicus* (Dejean, 1831)**

Spec. gén. Col., 5, p. 520 (*Ditomus*).

Oedesis caucasicus: Hieke & Wrase, 1988, p. 144. Wrase, 1991, p. 16.

BSS (Vlas, Slanchev bryag).

Bulgaria, Crimea, Caucasus, Transcaucasia, Iran.

Genus *Pachycarus* Solier, 1835

Ann. Soc. ent. France, 3, p. 666. Type-species: *Pachycarus latreillei* Solier, 1835.

Subgenus *Mystropterus* Chaudoir, 1842

***Pachycarus (Mystropterus) atrocoeruleus* (Waltl, 1838)**

Isis, 6, p. 451 (*Ditomus*).

New to Bulgaria: SPT (Kozhuh, V.1991, 1 ex., R. Radev - coll. auct.).
250 m; V.

Balkan Peninsula (Greece, probably Macedonia, Bulgaria).

Genus *Eucarterus* Reitter, 1900

Verh. naturf. Ver. Brünn, 38, p. 37, 53. Type-species: *Eriotomus sparsutus* Reitter, 1898.

***Eucarterus sparsutus* (Reitter, 1898)**

Dtsch. ent. Zeitschr., p. 338 (*Eriotomus*).

Eucarterus sparsutus: Guéorguiev, 1992, p. 67.

BSS (Nesebar); VII.

Bulgaria, Crimea, Caucasus, Kurdistan.

Genus **Graniger** Motschulsky, 1864

Bull. Soc. Nat. Mosc., 37, p. 197. Type-species: *Graniger algirinus* Motschulsky, 1864.

Graniger cordicollis (Serville, 1821)

Faune franç. Col., 8, p. 27 (*Harpalus*).

Graniger cordicollis: Hieke & Wrase, 1988, p. 144.

BSS (Vlas, Ahtopol).

South Europe, Armenia, Morocco, Algeria.

Genus **Carterus** Dejean & Boisduval, 1829

Icon. Hist. nat. Col. Europe, 1, p. 232. Type-species: *Carterus interceptus* Dejean, 1829.

Carterus rotundicollis Rambur, 1837

Faune Andal., p. 54.

Carterus rotundicollis: A. Müller, 1929, p. 6.

BSN (Kavarna, Kaliakra); VII.

South Europe, North-West Africa.

Carterus rufipes Chaudoir, 1843

Bull. Soc. Nat. Mosc., 16, p. 743.

Carterus rufipes: Nedelkov, 1909 a, p. 9. Hieke & Wrase, 1988, p. 144.

SPE (Kosharitsa), T (Stara Zagora), BSN (Balchik), BSS.

0-200 m; IV-VII.

Balkan Peninsula, Asia Minor, Syria, Lebanon.

Carterus longipennis Chaudoir, 1846

Enum. Carab. Cauc., p. 72.

Carterus longipennis: Hieke & Wrase, 1988, p. 145.

BSS (Vlas to Ahtopol).

VI.

Bulgaria, Asia Minor, Caucasus, Transcaucasia, Central Asia.

Carterus angustipennis Brulerie, 1877

L'Abeille, 15, p. 35.

Carterus angustipennis: Apfelbeck, 1904, p. 173. Rambousek, 1912, p. 81. Hieke & Wrase, 1988, p. 145.

SPE (Kosharitsa), WB (Sofia), T (Simeonovgrad), BSS.

IV.

Balkan Peninsula, Asia Minor, Caucasus.

Carterus dama (Rossi, 1792)

Fauna Etrus., 1, p. 92 (*Carabus*).

Carterus dama: Apfelbeck, 1904, p. 171. Rambousek, 1912, p. 81. Hieke & Wrase, 1988, p. 145. Wrase, 1989, p. 39.

SPE (Kosharitsa), BSS (Vlas to Ahtopol).

0-200 m; VI.

South Europe, Asia Minor, Transcaucasia, Syria, Israel, North Africa.

Carterus gilvipes Brulerie, 1877

L'Abeille, 15, p. 34.

Carterus gilvipes: Wrase, 1991, p. 16.

BSN (Albena), BSS (Tsarevo).

New loc.: ST (Levka, 200 m, VII.1962 - coll. auct.).

0-200 m; VII.

West, Central and South Europe, Asia Minor, Cyprus, Syria, North Africa.

Genus Ditomus Bonelli, 1809

Ost. ent., Tab. Synopt. Type-species: *Scarites calydonius* Rossi, 1790.

Ditomus tricuspidatus (Fabricius, 1792)

Ent. Syst., 1, p. 144 (*Carabus*).

New to Bulgaria: RDW (Bachkovo, 1 ex., Jurecek - coll. MP) and BSS (Burgas, IV.1909, 1 ex., Rambousek - coll. MP).

South Europe, Asia Minor, Transcaucasia, Iran, North-West Africa.

Ditomus calydonius (Rossi, 1790)

Fauna Etrus., 1, p. 228 (*Scarites*).

Carterus calydonius: Rambousek, 1912, p. 81. A. Müller, 1929, p. 6. Muche, 1965, p. 75. Hieke & Wrase, 1988, p. 145.

ST, SPT (Sandanski), BSN, BSS.

New loc.: SP (VI.1968 - coll. R. Rous).

0-200 m; IV-VII.

South Europe, Asia Minor, Caucasus, Syria, Central Asia.

Genus **Dixus** Billberg, 1820

Enum. Ins. Mus. Billberg, p. 27. Type-species: *Scarites bucephalus* Olivier, 1795 (= *Carabus clypeatus* Rossi, 1790).

Dixus obscurus (Dejean, 1825)

Spec. gén. Col., 1, p. 445 (*Ditomus*).

Ditomus obscurus: Apfelbeck, 1904, p. 176. Nedelkov, 1909 a, p. 9. Muche, 1965, p. 75. Hieke & Wräse, 1988, p. 145.

Aristus obscurus: Nedelkov, 1909 b, p. 96.

SPM, T, SPT, RDW, RDE, BSN, BSS.

New loc.: D (Svishtov - coll. MS), PR (Dermantsi, VIII.1932 - coll. MS), SPW (Mezdra, VI.1908 - coll. MS), ST (Mramor, VI.1988 - coll. R. Radev), S (V-VI.1923; Rezovo, VI.1933 and VIII.1935 - coll. MS; Velika Papiya, VII.1934 and Kosti, 1 ex.) B (VI.1936 - coll. MS and 500-800 m, VIII.1960 - coll. MP).

0-1250 m; IV-VIII.

South-East Europe, Asia Minor, Caucasus, Central Asia.

Dixus clypeatus (Rossi, 1790)

Fauna Etrus., 1, p. 228 (*Carabus*).

Ditomus clypeatus: Markovitch, 1909, p. 4. Rambousek, 1912, p. 81. Panin, 1941, p. 547. Hieke & Wräse, 1988, p. 146.

D (Razgrad), SPE (Sliven), T (Chirpan), ST, S, SPT, RDE (Rani list), BSN (Kranevo), BSS.

New loc.: WB (Sofia, 1 ex. - coll. MP), V (Bistritsa, VIII.1909 - coll. MP and Dragalevtsi, V.1912 - coll. MS), R (Belovo, 1 ex. - coll. MS) and RDW (Asenovgrad, VI.1961 - coll. auct.).

0-1000 m; V-VIII.

Central, East and South Europe, North-West Africa.

Dixus eremita (Dejean, 1825)

Spec. gén. Col., 1, p. 447 (*Ditomus*).

Aristus eremita: Anonymous, 1907, p. 281.

Ditomus eremita: Hieke & Wräse, 1988, p. 146.

SPT, RD, BSS.

New loc.: PR (Veliko Tarnovo, 1 ex. - coll. MS) and T (Gorski izvor and Svilengrad, VI.1947 - coll. MP).

0-1000 m; VI-VII.

Balkan Peninsula, Asia Minor, Caucasus, Near East, Central Asia.

Genus **Amblystomus** Erichson, 1837

Käf. Mark Brand., 1, p. 59. Type-species: *Acupalpus mauritanicus* Dejean, 1829.

Amblystomus levantinus Reitter, 1883

Wien. Ent. Ztg., 2, p. 140.

New to Bulgaria: BSS (Nesebar, VI.1968, 3 ex. - coll. R. Rous - Prague).

Italy, Balkan Peninsula, Asia Minor, North Iran, Egypt.

Amblystomus metallescens (Dejean, 1829)

Spec. gén. Col., 4, p. 482 (*Acupalpus*).

Amblystomus metallescens: Apfelbeck, 1904, p. 165. Rambousek, 1912, p. 80. Hieke & Wrase, 1988, p. 146.

BSN (Varna), BSS (Nesebar to Maslen nos).

VI.

Central and South Europe, South-West Asia, North Africa.

Amblystomus niger Heer, 1841

Fauna Col. Helv., 1, p. 563.

Amblystomus niger: Rambousek, 1912, p. 80. Hieke & Wrase, 1988, p. 146.

SPE (Kosharitsa), WB (Dragichevo), R, SPT, BSS.

New loc.: BSN (Varna, VII.1908 - coll. MP).

0-200 m; VI-VIII.

Central and South Europe, South-West Asia, North-West Africa.

SUBFAMILIA PERIGONINAE

TRIBUS PERIGONINI

Genus **Perigona** Castelnau, 1835

Etud. Ent., 2, p. 151. Type-species: *Perigona pallida* Castelnau, 1835.

Perigona nigriceps (Dejean, 1831)

Spec. gén. Col., 5, p. 44 (*Tachys*).

Perigona nigriceps: Hieke & Wrase, 1988, p. 147.

SPT (Sandanski, Rupite), BSS (Vlas).

Central and South Europe, East and South-East Asia, Africa, America (introduced).

SUBFAMILIA CALLISTINAE (= CHLAENIINAE)

TRIBUS CALLISTINI (= CHLAENIINI)

Genus Callistus Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus lunatus* Fabricius, 1775.

Callistus lunatus (Fabricius, 1775)

Syst. Ent., p. 247 (*Carabus*).

Callistus lunatus: Apfelbeck, 1904, p. 159. Ioakimov, 1904, p. 7. Markovitch, 1904, p. 235; 1909, p. 5. Nedelkov, 1909 a, p. 8. Rambousek, 1912, p. 79. Hieke & Wrase, 1988, p. 147.

D (Razgrad), SPW (Svoge), SPM, PL, P (Sinanitsa), RDW (Chepelare).

New loc.: SPE (Sliven, VII. 1916 - coll. MP), R (1 ex. - coll. MP) and BSS (Burgas, IV.1909 - coll. MP).

200-2200 m; IV-VII.

Central and South Europe, Asia Minor, Caucasus, Syria, Iran, Turkmenia, Kazakhstan.

Genus Epomis Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus cinctus* Rossi, 1790 (= *Carabus circumscriptus* Duftschmid, 1812).

Epomis circumscriptus (Duftschmid, 1812)

Fauna Austr., 2, p. 166 (*Carabus*).

New to Bulgaria: BSS (Burgas, IV.1909, 1 ex., Rambousek - coll. MP).

South Europe, Caucasus, West Asia, North Africa.

Epomis dejeani Dejean & Boisduval, 1830

Icon. Hist. Nat. Col. Europe, 2, p. 195.

Chlaenius dejeani: Hieke & Wrase, 1988, p. 147.

BSS.

V.

Italy, Balkan Peninsula, Crimea, Asia Minor, Syria, Iraq.

Genus **Dinodes** Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus azureus* Duftschmid, 1812.

Dinodes decipiens (Dufour, 1820)

Ann. Soc. Sci. phys. Bruxelles, 6, p. 326 (*Harpalus*).

Chlaenius decipiens: Apfelbeck, 1904, p. 154. Nedelkov, 1909 a, p. 8. Rambousek, 1912, p. 78.
Hieke & Wrase, 1988, p. 148.

Chlaenius azureus: Ioakimov, 1904, p. 7.

SPM, SPE (Kosharitsa), WB, K (Kyustendil), SG, T, SPT, R, RDE, BSN (Varna), BSS.
New loc.: D (Batovo - coll. K. Hurka), PR (Karlukovo - coll. K. Hurka), ST (Mramor,
IV.1988 - coll. R. Radev) and S (Kosti, IV.1921; Rezovo, VI.1921 and V.1935; Vizitsa,
VI.1923 - coll. MS).

0-1000 m; IV-VII.

Central and South Europe, Asia Minor, Iran, North Africa.

Dinodes cruralis Fischer-Waldheim, 1829

Bull. Soc. Nat. Mosc., 1, p. 369.

New to Bulgaria: SPT (Sandanski, 3.V.1983, 1 ex. - coll. K. Hurka - Prague).
Balkan Peninsula, Crimea, Asia Minor, Transcaucasia, Syria.

Genus **Chlaenius** Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus festivus* Panzer, 1796.

Subgenus **Trichochlaenius** Seidlitz, 1887

Chlaenius (Trichochlaenius) aenocephalus Dejean, 1826

Spec. gén. Col., 2, p. 362.

Chlaenius aenocephalus: Apfelbeck, 1904, p. 156. Hieke & Wrase, 1988, p. 148.

SPE (Kosharitsa), WB (Sofia), BSN, BSS (Vlas to Tsarevo).

New loc.: T (Harmanli - coll. K. Hurka - Prague), S (VII.1934 - coll. MP, sub var.
judeus Puel) and RDE (Momchilgrad, V.1978 and Dabovets, hut Arda, VI-VII.1983 -
coll. K. Hurka - Prague).

0-800 m; III, V-IX.

South-East Europe, Asia Minor, Transcaucasia.

Subgenus **Chlaenites** Motschulsky, 1860**Chlaenius (Chlaenites) spoliatus** (Rossi, 1790)

Fauna Etrusca, 1, p. 33 (*Carabus*).

Chlaenius spoliatus: Apfelbeck, 1904, p. 154. Ioakimov, 1904, p. 7. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 78. Muche, 1965, p. 74. Hieke & Wräse, 1988, p. 147.

D, PR, SPW, SPE (Kosharitsa), PO (Vasil Levski), T, SPT, RDE, BSN (Varna), BSS.

New loc.: WB (Sofia, VII.1908 - coll. MS).

0-1000 m; III-VIII.

Central, East and South Europe, Asia Minor, Caucasus, Iraq, Iran, Kazakhstan, Siberia, Mongolia, ? East China, ? Korean Peninsula, ? Japan, North Africa (Morocco, Chad).

NOTE: According to Lafer (1989: 202), the Far East of Asia is populated by the ssp. *motschulskyi* Andr.

Subgenus **Chlaenius** s. str.**Chlaenius (Chlaenius) festivus** (Panzer, 1796)

Fauna Germ., 30, No 15 (*Carabus*).

Chlaenius festivus: Apfelbeck, 1904, p. 157. Ioakimov, 1904, p. 7. Markovitch, 1904, p. 235; 1909, p. 4. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 79. Hieke & Wräse, 1988, p. 148.

D, PR (Veliko Tarnovo), SPM, SPE (Kosharitsa), WB (Sofia), PO (Kazanlak), T, SPT, RDE, BSN, BSS.

New loc.: K (Izvor, IV. 1976 - coll. MB) and ST (Mramor, IV.1988 - coll. R. Radev).

0-1000 m; IV-VIII.

Central and South Europe, Asia Minor, Caucasus, Transcaucasia, Iran, Israel, Central Asia.

Subgenus **Chlaeniellus** Reitter, 1908**Chlaenius (Chlaeniellus) douei** Peyron, 1858

Ann. Soc. ent. France, (3) 6, p. 362.

Chlaenius douei: Anonymous, 1907, p. 282.

Bulgaria (without exact locality).

Bulgaria, Asia Minor, Cyprus, Syria.

Chlaenius (Chlaeniellus) tristis (Schaller, 1783)

Schrift. naturf. Ges. Halle, 1, p. 318 (*Carabus*).

Chlaenius tristis: Rambousek, 1912, p. 79. Muche, 1965, p. 74. Hieke & Wrase, 1988, p. 149.
Vassilev & Necheva, 1989, p. 51.

PR (Reselets), WB (Sofia), V, SPT, BSS.

New loc.: PL (Kokalyanski manastir, VI.1919 - coll. MS), T (Gorski izvor, VI.1947 - coll. MP) and BSN (Aladzha manastir, V.1987 - coll. R. Radev).

0-1200 m; IV-VIII.

Europe, Asia Minor, Caucasus, West Asia, Iran, Kazakhstan, South Siberia, Mongolia, Far East of Russia, North-East China, North-West Africa.

NOTE: According to Lafer (1989: 203), the ssp. *reticulatus* Motsch. occurs in the Far East of Russia and in Siberia.

Chlaenius (Chlaeniellus) nigricornis (Fabricius, 1787)

Mant. Ins., 1, p. 202 (*Carabus*).

Chlaenius melanocornis: Ioakimov, 1904, p. 7.

Chlaenius nigricornis var. *melanocornis*: Nedelkov, 1909 a, p. 8. Rambousek, 1912, p. 79.

Chlaenius nigricornis: Hieke & Wrase, 1988, p. 149.

PR (Veliko Tarnovo), SPE (Kosharitsa), WB, SG, T, SPT (Sandanski), R (Belovo), BSS.

New loc.: L (VI.1933 - coll. MP).

0-1000 m; III-VI.

Europe, Asia Minor, Caucasus, Syria, Turkmenia, Siberia.

Chlaenius (Chlaeniellus) nitidulus (Schrank, 1781)

Ins. Austr., p. 213 (*Carabus*).

Chlaenius schrancki (sic!): Ioakimov, 1899, p. 763.

Chlaenius nitidulus: Panin, 1941, p. 546. Hieke & Wrase, 1988, p. 149. Vassilev & Necheva, 1990, p. 132.

PR, V, SG, SPT, BSN (Kranevo).

New loc.: D (Provadiya, IV.1989 - coll. IF) and SPM (Krastets, IX.1921 - coll. MP).

0-1600 m; IV-X.

Central, East and South Europe, Asia Minor, Central Asia.

Chlaenius (Chlaeniellus) flavipes Ménétriés, 1832

Cat. Zool. Cauc., p. 114.

Chlaenius flavipes: Apfelbeck, 1904, p. 157. Nedelkov, 1909 a, p. 8. Rambousek, 1912, p. 79.
Hieke & Wrase, 1988, p. 149.

D (Isperikh), T, SPT, RDE, BSS.

New loc.: WB (Sofia, V.1905 - coll. MP), BSM (Dupnitsa, VIII.1908 - coll. MS) and BSN (Kranevo - coll. K. Hurka).

0-600 m; V-VIII.

Balkan Peninsula, Asia Minor, Caucasus.

Chlaenius (Chlaeniellus) vestitus (Paykull, 1790)

Monogr. Carab. Suec., p. 73 (*Carabus*).

Chlaenius vestitus: Hristovich, 1892, p. 338. Ioakimov, 1899, p. 763; 1904, p. 7. Apfelbeck, 1904, p. 157. Kovachev, 1905, p. 5. Markovitch, 1909, p. 4. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 79. Panin, 1941, p. 547. Muche, 1965, p. 74. Hieke & Wräse, 1988, p. 148.

D, PR (Veliko Tarnovo), SPW (Belogradchik), SPM, SPE (Kosharitsa), WB, K, PO, SG, T, SPT, R, RDW, BSN, BSS.

New loc.: V (IX.1933 - coll. MS), S (Rezovo, V.1930 - coll. MS), P (V-VI. 1929 and Vlahi, VII.1932 - coll. MP), RDE (Momchilgrad, VI.1961 and V.1978 - coll. K. Hurka).

0-1500 m; II-IX.

Central and South Europe, Asia Minor, Caucasus, Syria, West Siberia, Turkmenia, Kirghizia, Morocco.

Chlaenius (Chlaeniellus) terminatus Dejean, 1826

Spec. gén. Col., 2, p. 318.

New to Bulgaria: D (Ruse, 1 ex., Rambousek - coll. MP).

France, Balkan Peninsula, South Russia.

Subgenus Agostenus Motschulsky, 1850

Chlaenius (Agostenus) alutaceus Gebler, 1829

in: Lebedour, Reise Altai, 1, p. 48.

Chlaenius alutaceus: Hieke & Wräse, 1988, p. 150.

SPT (Rupite), BSS (Kavatsite, Arkutino).

0-200 m; VII.

Romania, Bulgaria, Ukraine, South Russia, Transcaucasia, Iran, Central Asia, Kazakhstan, Kirghizia, southern East Siberia, Mongolia, North and North-East China, Far East of Russia, Korean Peninsula.

Chlaenius (Agostenus) sulcicollis (Paykull, 1798)

Fauna Suec., 1, p. 153 (*Carabus*).

Agostenus sulcicollis: Ioakimov, 1904, p. 7.

WB (Sofia).

600 m; V.

Europe (except for Iberian Peninsula), ? Siberia.

NOTE: This species was reported by Ioakimov (1904, p. 7) from Sofia, 1.V.1902. It has hitherto been known only from North and Central Europe, France, Italy, West and South Russia. According to Burmeister (1939, p. 164), it occurs also in Dalmatia (Metkovic) and Greece (Vardar-Ebene). Yet a formal confirmation for the Bulgarian list is necessary.

TRIBUS OODINI

Genus Oodes Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus helopioides* Fabricius, 1792.

Subgenus Oodes s. str.

Oodes (Oodes) helopioides (Fabricius, 1792)

Ent. Syst., 1, p. 155 (*Carabus*).

Oodes helopioides: Hieke & Wrase, 1988, p. 150.

PO (Vasil Levski), T (Plovdiv), SPT (Sandanski), BSS (Vlas to Primorsko).

0-400 m; V-VII.

Europe, West Siberia, North Africa (Tanger).

Oodes (Oodes) gracilis Villa, 1833

Col. Eur. Dupl., p. 33.

Oodes gracilis: Anonymous, 1907, p. 282. Rambousek, 1912, p. 79. Hieke & Wrase, 1988, p. 150. Vassilev, 1992, p. 27.

D (Ruse), WB (Sofia), ST (Yambol), RDW (Devin), BSN (Varna), BSS.

0-800 m; V-VII.

Central and South Europe, Asia Minor, Caucasus, Turkmenia.

TRIBUS LICININI

Genus **Badister** Clairville, 1806

Ent. Helv., 2, p. 90. Type-species: *Carabus bipustulatus* Fabricius, 1792.

Subgenus **Badister** s. str.**Badister (Badister) bullatus** (Schrank, 1798)

Fauna Boica, 1, p. 623 (*Carabus*).

Badister bipustulatus: Ioakimov, 1904, p. 7. Rambousek, 1912, p. 80. Muche, 1965, p. 74.
Hieke & Wräse, 1988, p. 151. Vassilev & Marintcheva, 1992, p. 104.

SP, WB (Sofia), V, SG, T (Simeonovgrad), R (Samokov), SPT (Sandanski), BSS.

New loc.: SPW (Lakatnik, River Petreska - coll. K. Hurka) and L (Vladaya, V.1917 - coll. MS).

0-1600; III-VII.

Europe (except for Iberian Peninsula), Caucasus, Iran, Kazakhstan, West Siberia, Far East of Russia, Sakhalin, ? Japan (Hokkaido), North-West Africa, North America (Canada).

Badister (Badister) unipustulatus Bonelli, 1813

Mem. Acad. Turin., 20, p. 443.

Badister unipustulatus: Anonymous, 1907, p. 282. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158. Rambousek, 1912, p. 80. Hieke & Wräse, 1988, p. 151.

SPT, WB (Sofia), ST (Slivenski mineralni bani), BSN, BSS.

0-1000 m; III-VII.

West, Central and South Europe, Asia Minor, Caucasus, Transcaspia, Kazakhstan, West Siberia.

Badister (Badister) lacertosus Sturm, 1815

Dtschl. Ins., 30, p. 188.

Badister lacertosus: Wräse, 1991, p. 16.

D (Senokos).

Europe, Ural, Siberia, Far East of Russia.

SUBFAMILIA PANAGAEINAE

TRIBUS PANAGAEINI

Genus **Panagaeus** Latreille, 1804

Hist. Nat. Crust. Ins., 8, p. 291. Type-species: *Carabus cruxmajor* Linnaeus, 1758.

Panagaeus cruxmajor (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 416 (*Carabus*).

Panagaeus cruxmajor: Ioakimov, 1904, p. 7. Nedelkov, 1909 a, p. 8. Netolitzky, 1912, p. 158.
Panin, 1941, p. 546. Hieke & Wräse, 1988, p. 152.

SPM (Tryavna), WB (Sofia), SPT (Sandanski), RDW (Alabak), BSN, BSS (Vlas).

New loc.: V (Vladaya, IV.1909 - coll. MP) and SG (Germanski manastir, V.1915 - coll. MS), BSM (Blagoevgrad, V.1930 - coll. MS).

0-1200 m; IV-VIII, XI.

Europe, Asia Minor, Caucasus, North Iran, Siberia, North Africa (Morocco).

Panagaeus bipustulatus (Fabricius, 1775)

Syst. Ent., p. 247 (*Carabus*).

Panagaeus bipustulatus: Hieke & Wräse, 1988, p. 152. Vassilev & Necheva, 1990, p. 132.

SPE (Sliven), V.

800-1200 m; VII-IX.

Central and South Europe, Caucasus, Iran.

SUBFAMILIA MASOREINAE

TRIBUS MASOREINI

Genus **Masoreus** Dejean, 1828

Spec. gén. Col., 3, p. 536. Type-species: *Badister luxatus* Serville, 1821 (= *Harpalus wetterhali* Gyllenhal, 1813).

Masoreus wetterhali (Gyllenhal, 1813)

Ins. Suec., 1 (3), p. 698 (*Harpalus*).

Masoreus wetterhali: Palm, 1966, p. 20. Hieke & Wräse, 1988, p. 152. Vassilev & Necheva, 1989, p. 51.

D (Dimovo), SPE (Emine), V, ST (Slivenski mineralni bani), SPT (Rupite), P (Lilyanovo), RDW.

200-1800 m; VI-VIII.

Europe, West Siberia, Kirghizia, North Africa, Canary Islands.

SUBFAMILIA ODACANTHINAE

TRIBUS ODACANTHINI

Genus **Odacantha** Paykull, 1798

Faun. Suec., 1, p. 169. Type-species: *Attelabus melanura* Linnaeus, 1766.

Odacantha melanura (Linnaeus, 1766)

Syst. Nat., ed.12, p. 620 (*Attelabus*).

Odacantha melanura: Rambousek, 1912, p. 101. Hieke & Wrase, 1988, p. 152.

SPE (Sliven), T (Simeonovgrad), BSS

New loc.: WB (Negovan, III.1944 - coll. MS).

0-1000 m; III, VI-VIII.

Europe, Caucasus, Transcaspia, Siberia.

SUBFAMILIA LEBIINAE

TRIBUS LEBIINI

Genus **Lebia** Latreille, 1802

Hist. Nat. Crust. Ins., 3, p. 85. Type-species: *Carabus haemorrhoidalis* Fabricius, 1792 (= *Buprestis marginata* Fourcroy, 1785).

Subgenus **Lamprias** Bonelli, 1809

Lebia (Lamprias) cyanocephala (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 415 (*Carabus*).

Lebia cyanocephala: Apfelbeck, 1904, p. 323. Ioakimov, 1904, p. 7. Markovitch, 1904, p. 235; 1909, p. 4. Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 98. Muche, 1965, p. 77. Hieke & Wrase, 1988, p. 153.

D, SPW, SPE (Sliven), WB, V, T, ST (Yambol), SPT, P, RDW (Asenovgrad), BSN, BSS.

New loc.: PR (Veliko Tarnovo, IV.1925 - coll. MS), L (VII.1921 - coll. MS), K (Kyustendil, V.1923 - coll. MS), SG (Germanski manastir, IV.1912 - coll. MS), S (Kosti, IV.1921 and Rezovo, V.1923 - coll. MS), R (Kostenets, V.1912 - coll. MS) and SL (VI.1929 - coll. MP).

0-1200 m; IV-VII, XI.

Europe, Asia Minor, Caucasus, Syria, Israel, Turkestan, North-West Africa.

Lebia (Lamprias) festiva Faldermann, 1835

Fauna Transcauc., 1, p. 11.

Lebia festiva krueperi: Maran, 1943 b, p. 134.

Lebia festiva: Hieke & Wrase, 1988, p. 153.

SPT (Kresna to Rupite).

200-300 m; VI.

Balkan Peninsula, Asia Minor, Caucasus, Iran, Central Asia.

Lebia (Lamprias) chlorocephala (Hoffmann, 1803)

Ent. Hefte, 2, p. 117 (*Carabus*).

Lebia chlorocephala: Markovitch, 1909, p. 4. Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 99.

D (Razgrad), WB (Sofia).

200-600 m; III-VI.

Europe, Caucasus, West Siberia, Central Asia.

Subgenus *Lebia* s. str.

Lebia (Lebia) humeralis Dejean, 1825

Spec. gén. Col., 1, p. 264.

Lebia humeralis: Apfelbeck, 1904, p. 324. Ioakimov, 1904, p. 7. Markovitch, 1909, p. 4. Rambousek, 1912, p. 99. A. Müller, 1929, p. 7. Panin, 1941, p. 549. Hieke & Wrase, 1988, p. 154.

D, SPE (Sliven), WB, K (Golo bardo), SG, T, ST, SPT, BSN, BSS.

New loc.: V (IV.1909 - coll. MS and VII.1972 - coll. R. Rous) and RDW (Bachkovo, 2 ex. - coll. MP and VI.1968 - coll. R. Rous).

0-1000 m; IV-X.

Central and South Europe, Asia Minor, West Asia.

Lebia (Lebia) cruxminor (Linnaeus, 1758)

Syst. Nat., ed.10, p. 416 (*Carabus*).

Lebia cruxminor: Apfelbeck, 1904, p. 323. Ioakimov, 1904, p. 7. Nedelkov, 1909 a, p. 13.

Rambousek, 1912, p. 99. Hieke & Wrase, 1988, p. 153.

Lebia cruxminor var. *scutellaris*: Muche, 1965, p. 77.

SPE (Sliven), WB, L, SG, ST (Yambol), S, P, RDW, BSN, BSS.

New loc.: SPW (Vrachanska planina, VI.1938 - coll. MP), V (IV.1909 - coll. MP), PL (Kokalyanski manastir, VII.1936 - coll. MS), K (Zemenski manastir, V.1911 - coll. MS and Peak Rigla, IV.1913 - coll. MS), SPT (Sandanski, IV.1988 - coll. R. Radev) and R (Beloovo - coll. MS).

0-2400 m; III-VII.

Europe, Asia Minor, Caucasus, Syria, Iran, Kazakhstan, Central Asia, South Siberia, Mongolia, China, Korean Peninsula, Far East of Russia, Sakhalin, Japan, North-West Africa.

Lebia (Lebia) trimaculata (Villers, 1789)

Car. Linn. Ent., 1, p. 383 (*Carabus*).

Lebia trimaculata: Apfelbeck, 1904, p. 324. Rambousek, 1912, p. 99. Hieke & Wrase, 1988, p. 153.

SPE (Sliven), PO (Vasil Levski), S, SPT, BSN (Varna), BSS.

New loc.: WB (Sofia, IV.1910 - coll. MS) and P (Vihren, 2000 m, VII.1972 - coll. R. Rous).

0-2000 m; IV-VII.

South Europe, Asia Minor, Caucasus, West Asia, North Africa.

Lebia (Lebia) marginata (Fourcroy, 1785)

Ent. Par., 1, p. 49 (*Buprestis*).

Lebia marginata: Hieke & Wrase, 1988, p. 154. Vassilev & Necheva, 1990, p. 132. Wrase, 1991, p. 17.

V, T (Plovdiv), SPT, P.

New loc.: R (coll. MP) and RDW (Beloovo - coll. MS).

250-1200 m; VI-IX.

Central and South Europe.

Lebia (Lebia) scapularis (Fourcroy, 1785)

Ent. Par., 1, p. 50 (*Buprestis*).

Lebia scapularis: Apfelbeck, 1904, p. 324. Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 99. Hieke & Wrase, 1988, p. 154.

Lebia scapularis ab. *quadrimaculata*: Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 99.

D (Svishtov), SPW (Varshets), SPM, WB (Sofia), V, T (Stara Zagora), SPT, RDW, BSS (Kavatsite).

0-1500 m; IV-VII.

Central and South Europe, Caucasus, Central Asia, North-West Africa.

Lebia (Lebia) lepida Audouin & Brullé, 1834

Hist. Nat. Ins., 4, p. 218.

Lebia lepida: Hieke & Wräse, 1988, p. 154. Wräse, 1991, p. 17.

SPT (Sandanski), BSS (Pomorie, Arkutino).

0-200 m; VI.

South Italy with Sicily, Greece, Bulgaria, Asia Minor, Iraq.

Genus Singilis Rambur, 1837

Faune Andal., 1, p. 25. Type-species: *Singilis bicolor* Rambur, 1837.

Subgenus Phloeozeteus Peyron, 1856

Singilis (Phloeozeteus) fuscipennis Schaum, 1860

Naturg. Ins. Dtschl. Col., 1 (1), p. 258.

Singilis fuscipennis: Hieke & Wräse, 1988, p. 154.

SPT (Kresna).

Greece, Bulgaria.

Genus Demetrias Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus atricapillus* Linnaeus, 1758.

Subgenus Aetophorus Schmidt-Goebel, 1846

Demetrias (Aetophorus) imperialis (Germar, 1824)

Ins. spec. nov., p. 1 (*Dromius*).

Demetrias imperialis: Hieke & Wräse, 1988, p. 155. Wräse, 1991, p. 17.

BSS (Pomorie, Kavatsite).

Europe, Caucasus, West Siberia, North-West Africa.

Subgenus Demetrias s. str.

Demetrias (Demetrias) monostigma Samouelle, 1819

Ent. comp., p. 156.

Demetrias monostigma: Hieke & Wräse, 1988, p. 155.

SPT (Sandanski).

New loc.: RDW (Belovo, 1 ex. - coll. MS).

Europe (except for Iberian Peninsula), Caucasus, West Siberia, West Turkestan.

Demetrias (Demetrias) atricapillus (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 416 (*Carabus*).

Demetrias atricapillus: Apfelbeck, 1904, p. 338. Ioakimov, 1904, p. 7. Rambousek, 1912, p. 100. Hieke & Wräse, 1988, p. 155.

SPM (Kalofer), SPE (Kosharitsa), WB (Sofia), SG (Germanski manastir), T (Simeonovgrad), BSS.

New loc.: R (Belovo, 2 ex.- coll. MS).

0-1200 m; III-V.

Europe, Asia Minor, Syria, North-West Africa.

Genus Dromius Bonelli, 1809

Obs. ent., Tab. Synopt. Type-species: *Carabus quadrimaculatus* Linnaeus, 1758.

Subgenus Dromius s. str.

Dromius (Dromius) agilis (Fabricius, 1787)

Mant. Ins., 1, p. 204 (*Carabus*).

Dromius agilis: Apfelbeck, 1904, p. 336. Rambousek, 1912, p. 100. Hieke & Wräse, 1988, p. 156. Vassilev, 1988 b, p. 89.

MPO (Gorna Breznitsa), BSM (Blagoevgrad), SPT (Sandanski), SL (Paril), RDW (Asenovgrad).

New loc.: R (Borovets, VII.1922 and VII.1927 - coll. MS) and B (VII. 1933 - coll. MP).

VII-VIII.

Europe, Siberia, ? Canary Islands.

Dromius (Dromius) schneideri Crotch, 1870

List Col. descr. Cambridge, p. 6.

Dromius schneideri: Wräse, 1991, p. 17.

R (Govedartsi).

North, Central and East Europe, Bulgaria.

Dromius (Dromius) fenestratus (Fabricius, 1794)

Ent. Syst., 4, App., p. 443 (*Carabus*).

Dromius fenestratus: Nedelkov, 1909 a, p. 13. Hieke & Wrase, 1988, p. 156.

WB (Sofia), P (Begovitsa).

New loc.: B (VII.1933 - coll. MP).

600-1800 m; VII-IX.

North and Central Europe, Iberian Peninsula, Balkan Peninsula.

Dromius (Dromius) quadrimaculatus (Linnaeus, 1758)

Syst. Nat., ed.10, p. 416 (*Carabus*).

Dromius quadrimaculatus: Rambousek, 1912, p. 100. Wrase, 1991, p. 17.

Dromius quadrinotatus (sic!): Hieke & Wrase, 1988, p. 156.

D (Sreburna), SPE (Sliven), WB (Sofia), SG (Germanski manastir), BSS (Kavatsite).

New loc.: BB (Grudovo, 2 ex. - coll. auct.).

0-1000 m.

Europe, Caucasus.

Genus Paradromius Fowler, 1886

Col. Brit. Isl., 1, p. 141. Type-species: *Dromius longiceps* Dejean, 1826.

Subgenus Paradromius s.str.

Paradromius (Paradromius) suturalis (Motschulsky, 1844)

Ins. Sibér., p. 56 (*Dromius*).

Dromius suturalis: Hieke & Wrase, 1988, p. 155. Wrase, 1991, p. 17.

D (Srebarna), BSN (Byala), BSS (Pomorie).

Greece, Bulgaria, southern parts of East Europe, Transcaucasia, South Siberia to the southern Far East of Russia, Central Asia, Mongolia.

Subgenus Manodromius Reitter, 1905

Paradromius (Manodromius) linearis (Olivier, 1795)

Ent., 3 (35), p. 111 (*Carabus*).

Dromius linearis: Apfelbeck, 1904, p. 336. Markovitch, 1909, p. 4. Rambousek, 1912, p. 100. Hieke & Wrase, 1988, p. 155.

D, SPM (Klisura), WB (Sofia), PL, PO (Kazanlak), S, BSM (Simitli), SPT, BSS (from

Philorhizus sigma (Rossi, 1790)

Fauna Etrus., 1, p. 226 (*Carabus*).

Dromius sigma: Apfelbeck, 1904, p. 337. Rambousek, 1912, p. 100. Hieke & Wrase, 1988, p. 157. Vassilev & Necheva, 1989, p. 51.

PR (Hubavene), V, BSN (Varna), BSS (Burgas).

0-1200 m; IV-VI.

Europe (except for Iberian Peninsula), Asia Minor, Caucasus, Siberia, Far East of Russia, Madeira, Canary Islands, ?Algeria.

Philorhizus melanocephalus (Dejean, 1825)

Spec. gén. Col., 1, p. 234 (*Dromius*).

Dromius melanocephalus: Rambousek, 1912, p. 100. Drenowski, 1942, p. 10.

SPE (Sliven), L.

900-1000 m; VIII-IX.

Europe, Asia Minor, Caucasus, Turkestan, North-West Africa.

Philorhizus notatus (Stephens, 1827)

Ill. Brit. Ent., 1, p. 24 (*Dromius*).

Dromius fasciatus: Anonymous, 1907, p. 281.

Dromius nigriventris: Netolitzky, 1912, p. 159.

Dromius notatus: Hieke & Wrase, 1988, p. 156.

WB (Sofia), V, BSS.

New loc.: PR (Veliko Tarnovo, XII.1912 - coll. MP) and SG (Germanski manastir, VI.1908 - coll. MP).

0-1000 m; III-XII.

Europe, Asia Minor, Caucasus, Central Asia.

Genus *Lionychus* Wissmann, 1846

Stett. ent. Ztg., 7, p. 25. Type-species: *Lebia quadrillum* Duftschmid, 1812.

***Lionychus quadrillum* (Duftschmid, 1812)**

Fauna Austr., 2, p. 246 (*Lebia*).

Lionychus quadrillum: Nedelkov, 1909 a, p. 13. Netolitzky, 1912, p. 159. Panin, 1941, p. 549. Hieke & Wrase, 1988, p. 160. Arndt, 1989, p. 47.

D (Malak Preslavets), WB (Sofia), PL, K (Zemen), PO, T, ST, VL (Sredorek), BSM, SPT, R, P, RDE, BSN.

New loc.: V (V.1939 - coll. MP), SL (VI.1938 - coll. MP), RDW (Dospat, 1100 m, VII.1961 - coll. MP) and BSS (Sozopol, V.1939 - coll. MP).

0-1500 m; V-IX.

Europe, Asia Minor, Cyprus.

Genus **Apristus** Chaudoir, 1846

Enum. Carab. Cauc., p. 62. Type-species: *Apristus subaeneus* Chaudoir, 1846.

Apristus subaeneus Chaudoir, 1846

Enum. Carab. Cauc., p. 63.

Apristus subaeneus: Apfelbeck, 1904, p. 325. Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 99.
Mateu, 1980, p. 18. Hieke & Wräse, 1988, p. 161.

D (Lom), SPE (Sliven), T, SPT, P, RDE (Perperek).

200-1200 m; IV-VII.

South-East Europe, Asia Minor, Caucasus, Syria, Iraq.

Apristus reticulatus Schaum, 1857

Berl. ent. Zeitschr., 1, p. 132.

Apristus reticulatus: Mateu, 1980, p. 21.

SPT (Sandanski).

South Europe (except for Iberian Peninsula), Asia Minor, Azerbaijan, Iran, Turkestan.

Genus **Microlestes** Schmidt-Goebel, 1846

Faun. Col. Birm., p. 41. Type-species: *Microlestes inconspicuus* Schmidt-Goebel, 1846.

Microlestes luctuosus Holdhaus, 1904

in: Apfelbeck, Käferfauna Balkanhalbinsel, 1, p. 331.

Microlestes exilis luctuosus: Apfelbeck, 1904, p. 331.

Microlestes luctuosus: Hieke & Wräse, 1988, p. 159.

SPW (Lakatnik), K (Zemen), SPT, R, P, BSN (Varna), BSS.

0-1500 m; VI-VII.

South Europe, Asia Minor, Caucasus, Near East, Central Asia, Canary Islands, North-West Africa.

Microlestes apterus Holdhaus, 1912

Denkschr. math.-nat. Kl. Akad. Wiss. Wien, 88, p. 485.

Microlestes exilis: Apfelbeck, 1904, p. 331.

Microlestes apterus: Rambousek, 1912, p. 100. Wräse, 1991, p. 18.

SPT, BSN, BSS.

0-200 m.

Greece, Bulgaria.

***Microlestes minutulus* (Goeze, 1777)**

Ent. Beitr., 1, p. 665 (*Carabus*).

Microlestes minutulus: Muche, 1965, p. 78. Hieke & Wrase, 1988, p. 158. Vassilev, 1988 b, p. 89.

SPE (Kosharitsa), PO, MPO (Gorna Breznitsa), SPT (Musomishte), R (Rilski manastir), RDW, BSS.

New loc.: S (Malko Tarnovo, V.1939 - coll. MP).

0-1150 m; V-VIII.

Europe, Caucasus, Central Asia, Kazakhstan, South Siberia, Far East of Russia, Japan, India, North Africa.

***Microlestes seladon* Holdhaus, 1912**

Denkschr. math.-nat. Kl. Akad. Wiss. Wien, 88, p. 505.

Microlestes seladon: Guéorguiev, 1988, p. 76.

P (Demyanitsa, Prevalski ezera).

2000-2300 m; IX-X.

Iberian Peninsula, France, Italy, Herzegovina, Bulgaria, Asia Minor.

***Microlestes negrita* (Wollaston, 1854)**

Ins. Mader., p. 9 (*Dromius*).

Microlestes minutulus apfelbecki: Apfelbeck, 1904, p. 330.

Blechrus glabratus: Markovitch, 1909, p. 4.

Microlestes negrita: Hieke & Wrase, 1988, p. 158.

D, SPM, SPE (Kosharitsa), PO (Dolno Sahrane), BSM, SPT, RDE (Perperek), BSN (Varna), BSS.

0-1500 m; IV-VII.

South Europe, Asia Minor, Caucasus, Near East, North Africa, Canary Islands, Madeira, Azores.

***Microlestes fulvibasis* Reitter, 1901**

Dtsch. ent. Zeitschr., p. 372.

Microlestes fulvibasis: Hieke & Wrase, 1988, p. 159.

SPE (Kosharitsa), SPT, BSS (Vlas to Kavatsite).

0-200 m; VI-VII.

South Europe, Asia Minor, Caucasus, Syria, Iran, Central Asia, North-West Africa.

Microlestes schroederi Holdhaus, 1912

Denkschr. math.-nat. Kl. Akad. Wiss. Wien, 88, p. 486, 514.

Microlestes schroederi: Hieke & Wrase, 1988, p. 160.

PO (Vasil Levski).

Hungary, Austria, Czech Republic, South Russia, Bulgaria, Siberia, North Mongolia.

Microlestes plagiatus (Duftschmid, 1812)

Fauna Austr., 2, p. 249 (*Lebia*).

Blechrus plagiatus: Ioakimov, 1904, p. 7.

Microlestes plagiatus: Rambousek, 1912, p. 100. Hieke & Wrase, 1988, p. 160.

WB (Sofia), SPT, BSN (Varna), BSS (Vlas).

New loc.: SPW (Cherepish, IV.1909 - coll. MP).

0-700 m.

Central Europe, Italy, Balkan Peninsula, South Russia, Asia Minor, Caucasus, Transcaspia, Central Asia, Afghanistan.

Microlestes corticalis escorialensis Brisout, 1885

Ann. Soc. ent. Fr., (6) 5, p. 103.

Microlestes plagiatus escorialensis: Apfelbeck, 1904, p. 335.

Microlestes corticalis escorialensis: Hieke & Wrase, 1988, p. 160.

D (Silistra), SPE (Sliven, Kosharitsa), SPT (Rupite), BSS.

New loc.: PR (Veliko Tarnovo, XII.1919 - coll. MP) and BSN (Varna - coll. MP).

0-1000 m; IV-XII.

Spain, Corsica, Italy, Hungary, Romania, Balkan Peninsula, Caucasus.

Microlestes maurus (Sturm, 1827)

Dtschl. Ins., 7, p. 55 (*Dromius*).

Microlestes maurus: Apfelbeck, 1904, p. 332. Rambousek, 1912, p. 100. Hieke & Wrase, 1988, p. 159.

Blechrus maurus: Ioakimov, 1904, p. 7.

D (Karakuz), SPE (Sliven, Kosharitsa), WB, V, PO, ST (Yambol), S, RDW (Pamporovo), BSS.

New loc.: BSN (Varna, VI.1908 - coll. MP).

0-1300 m; III-IX.

Central and South Europe, Asia Minor, Caucasus, Syria, West Asia.

Microlestes fissuralis Reitter, 1901

Dtsch. ent. Zeitschr., p. 371, 376.

Microlestes fissuralis: Apfelbeck, 1904, p. 332. Hieke & Wrase, 1988, p. 159. Vassilev, 1992, p. 27.

D (Karakuz), SPE (Sliven, Kosharitsa), WB (Sofia), L, PO, VL (Sredorek), SPT, P (Lilyanovo), RDW (Pamporovo), BSS.

0-1300 m.

Central and South Europe, Asia Minor, Caucasus, Central Asia.

Genus Syntomus Hope, 1838

Col. Man., 2, p. 64. Type-species: *Carabus truncatellus* Linnaeus, 1761.

Syntomus foveatus (Fourcroy, 1785)

Entom. Paris, 1, p. 52 (*Buprestis*).

New to Bulgaria: P (Pirin, Peak Vihren, 1 ex., B. Kouril, det. Kryzhanovsky - coll. auct.).

Europe, Caucasus, Syria, Siberia, North-West Africa, Canary Islands.

Syntomus obscuroguttatus (Duftschmid, 1812)

Fauna Austr., 2, p. 249 (*Lebia*).

Metabletus obscuroguttatus: Apfelbeck, 1904, p. 326. Ioakimov, 1904, p. 7. Rambousek, 1912, p. 99. Palm, 1966, p. 20.

Syntomus obscuroguttatus: Hieke & Wrase, 1988, p. 157.

D, SPW, SPM, SPE, WB, SG (Germanski manastir), PO (Dolno Sahrane), R, BSS.

New loc.: T (Svilengrad, VI.1947 - coll. MP) and SPT (Kresnensko defile, VI.1933, sub *Metabletus atratus* Dej. - coll. MP).

0-1200 m; III-VIII.

West, Central and South Europe, Asia Minor, Caucasus, Turkmenia, ? India, Madeira, North-West Africa.

Syntomus pallipes (Dejean, 1825)

Spec. gén. Col., 1, p. 246 (*Dromius*).

Metabletus pallipes: Apfelbeck, 1904, p. 327. Rambousek, 1912, p. 99. Drenowski, 1937, p. 10; 1942, p. 10.

Syntomus pallipes: Hieke & Wrase, 1988, p. 157. Vassilev & Necheva, 1989, p. 51.

D (Ishirkovo), PR, ST, SPT, R, RDW (Trigrad), BSS.

New loc.: SPM (Kaloferska planina, VI.1933 - coll. MP), V (III.1909 - coll. MP), T (Svilengrad, VI.1947 - coll. MP) and P (V-VI.1926 - coll. MP).

0-1300 m; III-VIII.

West, Central and South Europe, Asia Minor, Caucasus, Kazakhstan, Mongolia, Amur region, North-West Africa.

Syntomus truncatellus (Linnaeus, 1761)

Fauna Suec., ed. 2, p. 224 (*Carabus*).

Metabletus truncatellus: Apfelbeck, 1904, p. 327.

Syntomus truncatellus: Hieke & Wräse, 1988, p. 158.

SPM, V, R, P, RDW.

New loc.: SPT (Kresnensko defile, VI.1933 - coll. MP).

1140-2400 m; V-VIII.

Europe, Caucasus, Central Asia, Siberia up to Irkutsk in the east, Mongolia, Himalaya, Algeria.

Syntomus impressus (Dejean, 1825)

Spec. gén. Col., 1, p. 247 (*Dromius*).

Syntomus impressus: Hieke & Wräse, 1988, p. 158.

BSM, SPT, BSS (Primorsko).

0-300 m.

South Europe (except for Iberian Peninsula), Algeria.

Genus **Cymindis** Latreille, 1806

Gen. Crust. Ins., 1, p. 190. Type-species: *Buprestis humeralis* Fourcroy, 1785.

Subgenus **Cymindis** s. str.

Cymindis (Cymindis) humeralis (Fourcroy, 1785)

Ent. Paris, 1, p. 57 (*Buprestis*).

Cymindis humeralis: Apfelbeck, 1904, p. 341. Nedelkov, 1909 a, p. 14. Rambousek, 1912, p. 101. Hieke & Wräse, 1988, p. 161. Vassilev & Marintcheva, 1992, p. 104.

SPW (Lakatnik), SPM, WB (Sofia), V, SG, T (Stara Zagora), R, RDW.

New loc.: K (Golo bardo, 1000 m, VI.1961 - coll. auct.) and P (Peak Vihren, VII.1972 - coll. R. Rous).

300-2900 m; VI-IX.

Europe, Asia Minor, South-West Asia, North-West Africa.

Cymindis (Cymindis) axillaris (Fabricius, 1794)

Ent. Syst., 4, App., p. 441 (*Carabus*).

Cymindis axillaris: Apfelbeck, 1904, p. 341. Nedelkov, 1909 a, p. 13. Rambousek, 1912, p. 101.
Hieke & Wräse, 1988, p. 161. Vassilev, 1988 b, p. 89.

Cymindis homagraca: Ioakimov, 1904, p. 7.

SPM, WB, T, MPO (Gorna Breznitsa), SPT, P, RDW, RDE, BSS.

0-2200 m; IV-VII.

Central and South Europe, Asia Minor, South-West Asia, North Africa.

Cymindis (Cymindis) lineola Dufour, 1820

Ann. Sci. phys. Bruxelles, 6, p. 322.

Cymindis axillaris var. *lineola*: Rambousek, 1912, p. 101.

SPE (Sliven).

New loc.: SPT (Kresnensko defile, VII.1932, 12 ex., Maran & Taborsky - coll. MP;
Sandanski, 16-29.VI.1971, 4 ex. and 31.V.1974, 4 ex., col.- K. Hurka - Prague; Petrich,
4 ex., Purkyne - coll. MP, sub *C. axillaris* var. *lineola*).

200-1000 m; V-VIII.

France, Spain, Balkan Peninsula, South Russia.

Cymindis (Cymindis) lineata (Quensel, 1806)

in: Schönherr, Syn. Ins., 1, p. 179 (*Carabus*).

Cymindis lineatus (sic!): Ioakimov, 1904, p. 7. Rambousek, 1912, p. 101.

Cymindis lineata: Hieke & Wräse, 1988, p. 162.

SPW (Svoge), WB (Sofia), ST (Sakar), BB (Aytos), BSM (Selishte), SPT, BSN, BSS.

New loc.: V (Bistritsa, 1500 m, VIII.1926 - coll. MS), T (Harmanli - coll. K. Hurka), B
(VII.1933 - coll. MP) and P (Vlahi, VII.1932 - coll. MP).

0-1500 m; IV-VIII.

Hungary, Romania, Balkan Peninsula, South Russia, Asia Minor, Central Asia, Af-
ghanistan, ? China.

Cymindis (Cymindis) scapularis Schaum, 1860

Naturg. Ins. Dtschl. Col., 1 (1), p. 399.

Cymindis scapularis: Ioakimov, 1904, p. 7. A. Müller, 1929, p. 8. Hieke & Wräse, 1988, p. 162.
SPT (Selishte), BSN, BSS (Burgas).

New loc.: SPW (Ponor planina, X.1992 - coll. auct.), B (VII.1933 - coll. MP) and SL
(Paril, 1000 m, VI.1988 - coll. auct.).

0-1000 m; IV-VII, X.

Central and South Europe, Asia Minor, Caucasus, Kazakhstan.

Cymindis (Cymindis) ornata Fischer-Waldheim, 1824

Entomogr. Russ., 2, p. 24.

Cymindis ornata: Rambousek, 1912, p. 101. Maran, 1933 a, p. 91. Hieke & Wrase, 1988, p. 161.
BB (Aytos), BSS (Burgas to Primorsko).

0-300 m; III-VI.

Bulgaria, Crimea, Asia Minor.

Subgenus **Tarulus** Bedel, 1906**Cymindis (Tarulus) vaporariorum** (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 415 (*Carabus*).

Cymindis vaporariorum: Apfelbeck, 1904, p. 344. Ioakimov, 1904, p. 7. Guéorguiev, 1988, p. 76. Hieke & Wrase, 1988, p. 162.

SPM, R, P, RDW (Peak Karluk).

New loc.: SPW (Midzhur, 2160 m, X.1969 - coll. MS) and V (Cherni vrah, VIII.1965 - coll. auct.).

2000-2400 m; VI-X.

North and Central Europe, South Europe (mountains), Siberia, Far East of Russia, Mongolia, Korean Peninsula, North-East China, Sakhalin, Japan.

Subgenus **Menas** Motschulsky, 1864**Cymindis (Menas) variolosa** (Fabricius, 1794)

Ent. Syst., 4, App., p. 441 (*Carabus*).

Cymindis variolosa: Apfelbeck, 1904, p. 344. Rambousek, 1912, p. 101. Hieke & Wrase, 1988, p. 162.

SPE (Sliven), V, SPT, BSS.

New loc.: ST (Lesovo, V.1992 - coll. auct.), RDW (Peak Karluk, VI.1924 - coll. MS) and BSN (Kavarna - coll. K. Hurka).

0-2000 m; V-VI.

Central and South Europe, Asia Minor, South-West Asia.

Cymindis (Menas) violacea Chaudoir, 1873

Berl. ent. Zeitschr., 17, p. 88.

Cymindis violacea: Vassilev & Necheva, 1990, p. 132.

V.

800-1200 m; IV-VII.

Hungary, Bulgaria, South Russia, Asia Minor, Turkestan.

TRUBUS DRYPTINI

Genus **Drypta** Latreille, 1796

Perc. Car. gén. Ins., p. 75. Type-species: *Carabus dentatus* Rossi, 1790.

Drypta dentata (Rossi, 1790)

Fauna Etrus., 1, p. 222 (*Carabus*).

Drypta dentata: Rambousek, 1912, p. 102. Karnoschitzky, 1954, p. 23. Hieke & Wrase, 1988, p. 153. Vassilev, 1992, p. 27.

SPW (Vurshets), K (Kyustendil), T, S, SPT (Sandanski), BSN, BSS.

New loc.: PR (Karlukovo, VII.1976 - coll. K. Hurka- Prague), SPM (Sliven, V.1943 - coll. MS), SPE (Dubovitsa, XII.1993 - coll. auct.), BB (Strandzha, IV.1909 - coll. MP) and RDE (Dubovets - Arda, VI.1983 - coll. K. Hurka- Prague).

0-1000 m; IV-VII, XI-XII.

Central and South Europe, Asia Minor, South-West Asia, Turkmenia, North-East and South Africa.

TRIBUS ZUPHIINI

Genus **Zuphium** Latreille, 1806

Gen. Crust. Ins., 1, p. 198. Type-species: *Carabus olens* Rossi, 1790.

Zuphium olens (Rossi, 1790)

Fauna Etrus., 1, p. 271 (*Carabus*).

Zuphium olens: Ioakimov, 1899, p. 763; 1904, p. 7. Nedelkov, 1909 a, p. 14. Muche, 1965, p. 78. Hieke & Wrase, 1988, p. 162.

T, ST (Lozenets), R (Rilski manastir), BSS.

0-1400 m; V-VII.

Central and South Europe, Asia Minor, Transcaucasia, Iran, Central Asia, ? Burma, North Africa.

Zuphium araxidis Khnzorian, 1972

Dokl. Akad. Armiansk. SSR, 55 (3), p. 301.

Zuphium araxidis: Hieke & Wrase, 1988, p. 163.

BSS (Vlas).

Bulgaria, Armenia.

Genus Parazuphium Jeannel, 1942

Faune Fr., 40, p. 1094. Type-species: *Zuphium chevrolati* Castelnau, 1833.

Parazuphium chevrolati laticolle Hurka, 1987

Acta ent. bohemoslov., 84, p. 469. Loc. typ.: "Sozopol".

Parazuphium chevrolati laticolle: Hurka, 1987, p. 470. Hieke & Wrase, 1988, p. 163.

BSS (Sozopol).

0-10 m; V.

Bulgaria.

Genus Polystichus Bonelli, 1809

Obs. ent., Tab. synopt. Type-species: *Carabus fasciolatus* Rossi, 1790 (= *Polystichus discoides* Latreille & Dejean, 1824).

Polystichus connexus (Fourcroy, 1785)

Ent. Paris, 1, p. 55 (*Buprestis*).

Polystichus convexus (sic!): Nedelkov, 1909 a, p. 14.

Polystichus connexus: Rambousek, 1912, p. 101. Karnoschitzky, 1950, p. 37. Panin, 1941, p. 549. Muche, 1965, p. 78. Hieke & Wrase, 1988, p. 163.

D, WB (Sofia), L, BSN, BSS (Vlas to Ropotamo).

0-1000 m; III-VIII.

Central and South Europe, Caucasus, Central Asia, North Africa.

Polystichus fasciolatus (Rossi, 1790)

Fauna Etrus., 1, p. 223 (*Carabus*).

Polystichus fasciolatus: Hieke & Wrase, 1988, p. 163.

BSS (Pomorie to Primorsko).

VI.

South Europe, Asia Minor, Caucasus, Algeria.

SUBFAMILIA BRACHININAE

TRIBUS BRACHININI

Genus **Brachinus** Weber, 1801

Obs. Ent. Tabl. synopt., p. 22. Type-species: *Carabus crepitans* Linnaeus, 1758.

Brachinus crepitans (Linnaeus, 1758)

Syst. Nat., ed. 10, p. 414 (*Carabus*).

Brachinus crepitans: Apfelbeck, 1904, p. 347. Ioakimov, 1904, p. 7. Markovitch, 1904, p. 235; 1909, p. 4. Kovachev, 1905, p. 5. Nedelkov, 1909 a, p. 14. Rambousek, 1912, p. 102. Hieke & Wrase, 1988, p. 164. Penev, 1992, p. 96.

Brachinus crepitans var. *fallax*: Apfelbeck, 1904, p. 348.

D, SPW (Varshets), SPM, SPE (Kosharitsa), WB, PO, SG (Ihtiman), T, ST, S, SPT, RDW, BSN, BSS.

New loc.: L (VI.1920 and 1921 - coll. MS) and V (Bosnek, 1200 m, IX.1993 - coll. auct.).

0-1200 m; IV-IX.

Europe, Caucasus, West and Central Asia, Siberia up to Baikal in the east, North Africa.

Brachinus efflans Dejean & Boisduval, 1829

Iconogr. Col. Eur., 1, p. 163.

Brachinus efflans orientalis Apfelbeck, 1904, Käferfauna Balkanhalbinsel, 1, p. 348 (nec Chaudoir, 1876). Loc. typ.: "Burgas".

Brachinus efflans var. *apfelbecki*: Jakobson, 1908, p. 411. Burmeister, 1939, p. 205.

BSS (Burgas).

New loc.: BSN (Balchik, VII.1961, 1 ex., sub *B. immaculicornis* Dej. - coll. MP).

VI-VII.

South Europe.

NOTE: *Brachinus efflans orientalis* Apf. (nec Chaudoir) has been renamed as *B. apfelbecki* by Jakobson (1908, p. 411), in fact, being only a synonym of *B. efflans* Dej.

Brachinus ganglbaueri Apfelbeck, 1904

Käferfauna Balkanhalbisel, 1, p. 348.

Brachinus ganglbaueri: Rambousek, 1912, p. 102. Hieke & Wrase, 1988, p. 164.

SPE (Kosharitsa), RDE (Rani list), BSN (Albena), BSS.

Central and South Europe, Asia Minor, Caucasus, North Iran, North Africa.

Brachinus psophia Serville, 1821

Faune fran^ç., 8, Col., p. 8.

Brachinus psophia: Nedelkov, 1909 a, p. 14. Rambousek, 1912, p. 102. Muche, 1965, p. 78.
Hieke & Wrase, 1988, p. 164.

SPE (Kosharitsa), WB (Sofia), T (Plovdiv), RD, BSS.

0-1000 m; V-VII.

Central and South Europe, Asia Minor, Caucasus, Azerbaidzhan, Syria, Iraq, Iran, Central Asia, Kazakhstan.

Brachinus alexandri Battoni, 1984

G. It. Ent., 2, p. 188.

Brachinus alexandri: Hieke & Wrase, 1988, p. 165. Hurka, 1988, p. 305.

SPE (Kosharitsa), BSS (Vlas to Tsarevo).

New loc.: SPM (VII.1933 - coll. MS).

0-1000 m; VI-VII.

Greece, Bulgaria, Albania, Asia Minor, Armenia, Azerbaidzhan.

Brachinus berytensis Reiche, 1855

Ann. Soc. ent. Fr., (3) 3, p. 582.

Brachinus berytensis: Hurka, 1988, p. 305. Wrase, 1991, p. 18.

BSS (Sozopol to Ahtopol).

0-20 m; VI-VII.

Bulgaria, Asia Minor, Armenia, Syria, Lebanon, Israel.

Brachinus plagiatus Reiche, 1868

Bull. Soc. Clim. Alg., 5, p. 39.

Brachinus plagiatus: Muche, 1965, p. 78. Hieke & Wrase, 1988, p. 165.

D (Ivanski), SPE (Kosharitsa), BSS.

III-VI.

South Europe, Asia Minor, Caucasus, Syria, Iran, North-West Africa.

Brachinus bayardi Dejean, 1831

Spec. g n. Col., 5, p. 431.

Brachinus bayardi: Hieke & Wrase, 1988, p. 165.

BSS (Vlas, Nesebar).

Italy, Balkan Peninsula, Asia Minor, Caucasus, Iran, Azerbaidzhan, Central Asia, Afghanistan.

Brachinus nigricornis Gebler, 1829

in: Ledebour, Reise, 2, p. 29.

Brachinus incertus: Apfelbeck, 1904, p. 350. Rambousek, 1912, p. 102.

BSS (Burgas).

New loc.: WB (Sofia, V.1909, 2 ex. - coll. MP, sub *B. incertus* Brullé) and V (Vladaya, IV.1909, 1 ex. - coll. MP, sub *B. incertus* Brullé).

0-800 m; IV-VII.

South Europe, Asia Minor, Caucasus, Siberia, Kazakhstan.

Brachinus ejaculans Fischer-Waldheim, 1825

Entomogr. Ross., 3, p. 105.

Brachinus ejaculans: Apfelbeck, 1904, p. 351. Nedelkov, 1909 a, p. 14. Hieke & Wrase, 1988, p. 165.

Brachinus immaculicornis var. *ejaculans*: Rambousek, 1912, p. 102.

T, SP (Yambol), BSS.

0-300 m; IV-VII.

South-East Europe, Crimea, Asia Minor, Caucasus, Near East, Iran, Afghanistan, Central Asia.

Brachinus brevicollis Motschulsky, 1845

Ins. Sibér., p. 67.

Brachinus peregrinus: Muche, 1965, p. 78. Hieke & Wrase, 1988, p. 165.

SPE (Aytos), SPT (Sandanski), BSS (Vlas to Tsarevo).

0-300 m; V-VII.

Balkan Peninsula, Crimea, Asia Minor, Caucasus, Cyprus, Syria, Iran, Afghanistan, Central Asia, Kazakhstan.

Brachinus bodemeyeri Apfelbeck, 1904

Käferfauna Balkanhalbinsel, 1, p. 352. Loc. typ.: "Burgas".

Brachinus bodemeyeri: Rambousek, 1912, p. 102. Hieke & Wrase, 1988, p. 166.

SPE (Aytos), T (Stara Zagora), ST, BSS.

New loc.: D (Svishtov, Insel Beskutski, IX.1929 - coll. MS), SPM (VII.1933 - coll. MS) and S (Kosti, V.1921 and Rezovo, V.1931 - coll. MS).

0-1000 m; IV-IX.

South Europe, Asia Minor, Caucasus, Cyprus, Azerbaijan, Iraq, Iran, Turkmenia, Central Asia, Algeria.

Brachinus explodens Duftschmid, 1812

Fauna Austr., 2, p. 234.

Brachinus explodens: Ioakimov, 1899, p. 763; 1904, p. 7. Apfelbeck, 1904, p. 353. Nedelkov, 1909 a, p. 14. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 102. Panin, 1941, p. 549. Angelov, 1960, p. 21. Hieke & Wräse, 1988, p. 166. Penev, 1992, p. 96.

Brachinus explodens ab. *strepens*: Panin, 1941, p. 549. Muche, 1965, p. 78.

D, SPW (Vratsa), SPM, SPE, WB (Sofia), V, PO, SG (Strelcha), T, BSM (Dupnitsa), SPT, R, P (Sinanitsa), RDW (Bachkovo), BSN, BSS.

New loc.: L (VI.1921 - coll. MS), ST (Yambol, IV.1909 - coll. MP), S (Rezovo, V.1931 - coll. MS; Velika Papiya, VII.1934 - coll. MP and Kalovo, VII.1934 - coll. MP, sub B. *explodens* ab. *glabratus* Latr. & Dej.), P (V-VI.1929 - coll. MP sub *B. explodens* ab. *substriatus* Rtt.), SL (2 ex. - coll MP), RDE (Momchilgrad and Knizhovnik, VI. 1961 - coll. MP).

0-2200 m; IV-IX.

Central and South Europe, Caucasus, South-West and Central Asia, Siberia up to Baikal in the east, Morocco.

NOTE: According to Iablokoff-Khnzorlian (1973, p. 687), *B. glabratus* Latr. & Dej. is a synonym of *B. explodens* Duft.

Brachinus bipustulatus (Quensel, 1806)

in: Schönherr, Syn. Ins., 1, p. 231 (*Carabus*).

Brachinus bipustulatus: Rambousek, 1912, p. 102. Muche, 1965, p. 78. Palm, 1966, p. 20. Hieke & Wräse, 1988, p. 166.

SPE (Kosharitsa), BSS (Vlas to Burgas).

0-200 m; IV-VI.

Hungary, Balkan Peninsula, South Russia, Asia Minor, Caucasus, Transcaucasia.

Genus Aptinus Bonelli, 1809

Obs. ent., Tab. synopt. Type-species: *Brachinus mutilatus* Fabricius, 1801 (= *Carabus bombarda* Illiger, 1800).

Subgenus Aptinus s. str.**Aptinus (Aptinus) bombarda** (Illiger, 1800)

in: Wiedemann, Arch. Zool., 1, p. 112 (*Carabus*).

Aptinus bombarda: Ioakimov, 1904, p. 7. Netolitzky, 1912, p. 159. Rambousek, 1912, p. 103. Hieke & Wräse, 1988, p. 166. Hurka, 1988, p. 291. Vassilev & Necheva, 1990, p. 133.

SPM, WB, PO (Muglizh), SG, R (Rilski manastir), RDE (Mechkovets).

500-1800 m; V-IX, XI.

Central and South Europe.

Aptinus (Aptinus) merditanus orientalis Hurka, 1988

Acta ent. bohemoslov., 85, p. 295. Loc. typ.: "Malesevska pl., Gorna Breznica" (= Maleshevska planina).

MPO (Gorna Breznitsa).

700 m; VII.

Bulgaria.

Aptinus (Aptinus) cordicollis Chaudoir, 1843

Bull. Soc. Nat. Mosc., 16, p. 705.

Aptinus cordicollis: Hurka, 1988, p. 297.

S (Peak Bosna), BSS (Maslen nos).

0-450 m; VII.

Bulgaria, Asia Minor.

Genus Mastax Fischer-Waldheim, 1828

Entomogr. Russ. (1825-1828), 3, p. 111. Type-species: *Brachinus thermarium* Steven, 1806.

Mastax thermarium (Steven, 1806)

Mém. Soc. Nat. Mosc., 1, p. 166 (*Brachinus*).

Mastax thermarium: Anonymous, 1907, p. 281.

Bulgaria (without exact locality).

Ukraine, South Russia, Caucasus, Transcaspia, North Iran, Turkestan, Central Asia, Kazakhstan, Siberia, Altai, Far East of Russia.

DISCUSSION

The list below comprises the species which seem to have been recorded in Bulgaria by mistake. Unless new evidence becomes available, for the time being they are better to be ejected from the list of Bulgarian Carabidae:

1. *Calosoma (Campalita) maderae* (Fabricius, 1775).

It was reported in Anonymous (1907, p. 280) from "Bulgaria". There was no further evidence for the presence of this typically Mediterranean species in Bulgaria. We consider this record as probably referring to *Calosoma auropunctatum* Herbst.

2. *Leistus (Leistus) niger* Gebler, 1847

This species has been reported by Vassilev & Necheva (1989, p. 50) from "Vitocha, 1600 m, 27.VII.1983, 1 male.". In accordance with Kryzhanovsky (1983, p. 186), *L. niger* ranges "from Altai to North Honshu". Csiki (1927, p. 353 sub *L. laticollis* Moraw.) reported it from West Siberia, Transbaikalia and Japan. Lafer (1989, p. 99) mentioned *L. niger* from South Siberia and the Far East of Russia (Sakhalin, South Kurile Islands) as well as from Korea.

3. *Dyschirius (Dyschirius) bonellii* var. *dimidiatus* Chaudoir, 1846

Nedelkov (1909a, p. 7) recorded this species from "Pazardzhik (island), V.". In fact the taxon is a separate subspecies described from the Caucasus (loc. typ.: "Fleuve Koura, de Souram à Akholtzik" - Marseul, 1880, p. 204) and known also from Turkestan. The nominate form ranges from Central to some parts of South Europe and South Russia, whereas the form *grossepunctatus* Fleischer, 1899 is known from the Caucasus and Siberia.

4. *Dyschirius (Dyschirius) humeratus* Chaudoir, 1850

It was reported by Grüntal (1984, p. 286) from Bulgaria, but without exact locality. So the presence of this species in the entire Balkan Peninsula requires confirmation. *D. humeratus* is currently known for sure from the South Ukraine, South Kazakhstan, Ural, Uzbekistan, Turkmenia and Afghanistan.

5. *Dyschirius (Dyschirius) lgockii* Fleischer, 1912

There is one specimen in the entomological collection of the Narodni Mu-seum in Prague labelled "Svilengrad, VI. 1947, det. Grüntal". The species was described from "Taschkent" and is known so far for sure from Turkestan only (Müller, 1922, p. 115; Fedorenko, 1992, p. 100). Thus the discovery of *D. lgockii* in the Balkan Peninsula requires confirmation upon additional material.

6. *Trechus obtusiusculus* Ganglbauer, 1889

This species was reported from "Rila, IV.1936" by Drenowski (1937, p. 10) as *T. obtusiasculus* (sic!). According to Casale & Laneyrie (1982, p. 152), it actually exists only in Bosnia, Herzegovina and Montenegro.

7. *Bembidion (Peryphus) fulvipes* Sturm, 1827

Ioakimov (1904, p.10) found this species in the vicinity of Sofia: "beside River Iskar between Vrazhdebna and Gorublyane". However, according to Csiki (1928, p. 96), the range of *B. fulvipes* covers the Alps, Sudetes and Carpathians, while Jeannel (1941, p. 503) reported it also from South Jura (France).

8. *Poecilus (Poecilus) kugelanni* (Panzer, 1797)

This species was referred to by Nedelkov (1909a, p. 12) as "*Pterostichus dimidiatus* Oliv." (nec Rossi) deriving from Svishtov and Ihtiman. It actually is distributed in western, Central, southwestern Europe and Italy, thus requiring a confirmation further to the east.

9. *Pterostichus (Haptotapinus) crassiusculus* Chaudoir, 1868

Apfelbeck (1904, p. 263) mentioned this species as based on Reitter's report from "Balkangebirge" (= Stara planina Mts.). Yet this is doubtful, for the species seems to actually occur only in Asia Minor (Chaudoir, 1868, p. 240; Csiki, 1930, p. 648).

10. *Pterostichus (Cryobius) negligens* Sturm, 1824

This species has once been cited from Bulgaria (Anonyme, 1907, p. 284, without exact locality) under a name of "*Feronia negligens*". However, its presence in the Bulgarian fauna seems highly unlikely, as the actual range of *P. negligens* is limited to the Sudetes, High Tatra and Erz Mts. (Csiki, 1930, p. 639; 1946, p. 377; Burmeister, 1939, p. 137; Schatzmayr, 1942, p. 77).

11. *Pterostichus (Haplomaseus) incultus* Kraatz, 1875

The species was originally described by Kraatz (Dtsch. ent. Zeitschr., 19, p. 417, 1875) from "Rhilo Dagh" (= Rila Mts., Bulgaria) and later cited by Apfelbeck (1904, p. 269) from the same locality. Hieke & Wräse (1988, p. 77) regard it as a synonym of *Pterostichus (Haplomaseus) armenus* Faldermann, 1835 (Fauna transcauc., 1, p. 53), described from the Caucasus. Marseul (1880) incorrectly mentioned this species under two different names: "*Feronia (Pterostichus) ignita* Kraatz" (p. 327) and "*Feronia (Pterostichus) inculta* Kraatz" (p. 333).

12. *Pterostichus (Pterostichus) morio* (Duftschmid, 1812)

This species was reported by Ioakimov (1904, p. 8) as "*Pterostichus maurus* var. *erythromerus* Ganglb." from Sredna Gora Mountain (VII-VIII.1899). In fact this variety is a strict synonym of *Pterostichus morio* Duft., the nominate form of which exists only in the Alps and Carpathians.

13. *Pterostichus (Pterostichus) panzeri* (Panzer, 1805)

Ioakimov (1904, p. 8) referred to this species deriving from "Rila Mountain around Lake Suhoto, 14.VI. 1897". However, its range seems to actually be

limited to the Alps, Jura and Black Forest (= Schwarzwald) (Burmeister 1939, p. 138).

14. *Speluncarius (Speluncarius) seticeps* (G. Müller, 1934)

It was Burmeister (1939, p. 141) who reported "*Pterostichus seticeps*" from "Bulgaria" (without exact locality). In fact this species has heretofore been known only from a single cave near Drama (Tmolos Mountain) ("montis Bos Dagh" - loc. typ.), Greece.

15. *Tapinopterus (Molopsis) molopinus molopiformis* Lutshnik, 1922

A species named "*Pterostichus molopiformis* Lutsh." by Burmeister (1939, p. 141) has been reported from Bulgaria without exact locality. As a matter of fact, the same subspecies was described earlier as *Molops wiedemanni* Fairmaire, 1866 (Ann. Soc. ent. Fr., (4) 6, p. 252, nec Chaudoir) and a bit later as *Feronia rectangula* Chaudoir, 1868 (L'Abeille, 5, p. 246, nec Letzner) from Asia Minor: "Bosch-Dagh" (loc. typ.). Therefore, its discovery in Bulgaria is still to be re-confirmed.

16. *Percus grandicollis* Serville, 1821

This species was reported by Markovitch (1904, p. 235) as "*Feronia (Percus) loriatus* Dej." (sic!) from "Razgrad, IV-V". According to Jeannel (1942, p. 773), *P. grandicollis* actually occurs only in Corsica and North Sardinia.

17. *Molops elatus* (Fabricius, 1801)

This species was recorded by Ioakimov (1899, p. 763) in "Rilski manastir" (= Rila Mountain) and by Vassilev & Marintcheva (1992, p. 102) in Vitosha. Yet the nominate form is currently known only from Central Europe and Slovenia (Mlynar, 1977, p. 83).

18. *Amara (Acrodon) brunnea* (Gyllenhal, 1810)

Ioakimov (1904, p. 9) and Rambousek (1912, p. 91) reported this species from Sofia and Pancharevo, respectively. In accordance with Hieke & Wrase (1988, p. 106), "Die Angabe von Rambousek (1912: 91) über das Vorkommen von *A. brunnea* Gyll. in Pancarevo ist abzulehnen und bezieht sich vermutlich auf diese Art". The case in point for *A. (Celia) praetermissa* (C. R. Sahlberg, 1827) = *A. (Celia) pallens* Sturm, 1825. *A. brunnea* actually occurs in North and Central Europe, France, northwestern Italy, Siberia and North America.

19. *Amara (Iranoleirides) astrabadensis* Lutshnik, 1935

This species has been recorded by Vassilev (1988 a, p. 86) from Vitosha Mt. (1200 m, det. Kryzhanovsky) on the basis of one captured specimen. Wrase (1991, p. 12) supposed that the record could be referred to another species, *A. (Zabroscelis) ditomoides* Putzeys, 1866. According to Kryzhanovsky (in litt.) the record is based on a wrong determination.

20. *Zabrus (Pelor) punctiventris* Schaum, 1864

This species was recorded by Markovitch (1909, p. 5) in Razgrad. According to Freude (1989, p. 136), however, *Z. punctiventris* is currently known only from Greece and West Turkey (Aydin).

21. *Zabrus (Iberozabrus) curtus* Serville, 1821

Drensky et al. (1951, p. 279) cited this species under “*Zabrus curtooides*” from “Pirin” (without exact locality) as based on Maran’s data. In reality *Z. curtooides* Chaud., 1837 is a junior synonym of *Z. curtus* Serville, 1821 known only from South France and North Spain (Csiki, 1932, p. 1275).

22. *Acupalpus (Acupalpus) puncticollis* (Coquerel, 1858)

This species was reported by Hieke & Wrase (1988, p. 117) from Kosharitsa, Nesebar, Primorsko, mouth of Ropotamo and Ivanski nr. Shumen. According to Jäger (1989), however, it is actually restricted to Algeria, Tunisia and Sicily, while the related species *A. paludicola* Reitter, 1884 occurs in Bulgaria.

23. *Harpalus (Harpalus) quadratus* Chaudoir, 1846

Cited by Apfelbeck (1904, p. 192), Müller (1931, p. 59, nota 27) and Burmeister (1939, p. 179) under the name *H. polychromus* Tschitsch., 1897 from “Varna, ein Männchen”. This seems to be a misidentification, because the range of *H. quadratus* covers Asia Minor, Armenia and the Caucasus. A similar opinion is shared by Mlynar (1979, p. 77-78) and Hieke & Wrase (1988, p. 131.).

24. *Harpalus (Harpalus) sinuatus* Tschitschérine, 1893

This species was reported by Ioakimov (1904, p. 10) from “Sredna gora, 5.VIII.1898”. According to Csiki (1932, p. 1173), it is actually known from Siberia and Transbaikalia only. Lafer (1989, p. 192) mentioned this species also from the Amur region, northwestern China, Mongolia and Tuva.

25. *Acinopus (Acinopus) pilipes* Brulerie, 1867

Reported for Bulgaria without exact locality (Anonyme, 1907, p. 283), it actually occurs on the Balearics (Burmeister, 1939, p. 169; Trautner & Geigenmüller, 1987, p. 371). It is also possible that the name “*pilipes*” is just a slightly misspelt *Acinopus picipes* Ol.

26. *Oedesis semiobscurus* Pic, 1905

Muche (1965, p. 74) reported this species as *Eriotomus semiobscurus* Pic for “Nesebar”. In accordance with Csiki (1932, p. 1094), however, *semiobscurus* is actually restricted to “Palästina” only.

27. *Dixus capito* (Serville, 1821)

Cited by Kovachev (1905, p. 6) under the name *Aristus capito* Dej. from “Ruse”. One specimen preserved in the collection of the Narodni Muzeum in Prague is labelled “Melnik, VII.1935, leg Taborsky”. Probably the label is wrong,

as *D. capito* is a typical West Mediterranean species. According to Csiki (1932, p. 1036), Burmeister (1939, p. 168), Magistretti (1965, p. 269) and Turin (1981, p. 164), its range is limited to the Iberian Peninsula, South France, Baleares, Italy, Sicily, Algeria, and Tunisia.

28. *Ditomus sphaerocephalus* (Olivier, 1795)

This species was reported by Ioakimov (1904, p. 7) from "Asenovgrad, 8.V." and "Haskovo, 12.V.". According to Apfelbeck (1904, p. 177), however, its presence in the Balkan Peninsula requires confirmation, while Burmeister (1939, p. 168) cited it from Dalmatia.

29. *Dromius (Dromius) quadraticollis* A. Morawitz, 1862

Csiki (1932, p. 1399) mentioned *D. longulus* Frivaldszky, 1884 from Hungary, Russia and "Bulgarien". In fact this species is a synonym of *D. quadraticollis* A. Morawitz, 1862 and exists in western Europe (France, The Netherlands, England), Bosnia and Dalmatia (Horion, 1941, p. 336).

30. *Cymindis (Cymindis) macularis* Fischer-Waldheim, 1823

Nedelkov (1909 a, p. 14) and Rambousek (1912, p. 101) reported this species from "Stara planina". Turin (1981, p. 175) did not indicate it for the Balkan Peninsula, while Csiki (1932, p. 1476) referred to it as *C. macularis* ab. *fasciolata* Schilsky, 1888 from "Dalmatien". Burmeister (1939, p. 199) cited *C. macularis* Fisch.-Wald. from Dalmatia, too. Known from North and Central Europe, France, northwestern Russia and Siberia.

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