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New and interesting records of Carabid Beetles from South-East Europe, South-West and Central Asia, with taxonomic notes on Pterostichini and Zabirini (Coleoptera, Carabidae)

B. GUÉORGUIEV

Abstract: New combinations and new synonyms are proposed: *Pterostichus (Cryobius) carradei* (GAUTIER DES COTTES 1866), **comb.nov.** of *Feronia carradei* GAUTIER DES COTTES 1866; *Feronia insidiosa* FAIRMAIRE 1866, **syn.nov.** of *Feronia carradei* GAUTIER DES COTTES 1866; *Pterostichus serbicus* APFELBECK 1899, **syn.nov.** of *Pterostichus (Feronidius) incommodus* SCHAUM 1858; *Feronia similata* GAUTIER DES COTTES 1870, **syn.nov.** of *Pterostichus (Pseudomaseus) fuscicornis* (REICHE & SAULCY 1855); *Amara (Leiocnemis) ochracea* (CAUTIER DES COTTES 1868), **comb.nov.** of *Feronia ochracea* GAUTIER DES COTTES 1868; *Amara abnormis* TSCHITSCHERINE 1894, **syn.nov.** of *Feronia ochracea* GAUTIER DES COTTES 1868. Lectotypes for *Feronia carradei*, *F. insidiosa*, and *F. similata* are designated.

Species recorded for the first time for the following countries: Bosnia Herzegovina: *Nebria psammodes* (P. ROSSI); *N. diaphana* ssp. *relicta* (BREIT); *Notiophilus interstitialis* REITTER; *Cychrus schmidti* CHAUDOIR; *Clivina laevifrons* CHAUDOIR; *Reicheiodes rotundipennis* ssp. *rotundipennis* (CHAUDOIR); *Scarites laevigatus* FABRICIUS; *Bembidion azurescens* ssp. *azurescens* DALLA TORRE; *B. quadricolle* (MOTSCHULSKY); *B. femoratum* ssp. *femoratum* STURM; *B. incognitum* J. MÜLLER; *B. schueppelii* DEJEAN; *Sinechostictus doderoi* (GANGLBAUER); *Tachyura walkeriana* ssp. *walkeriana* (SHARP); *Pogonistes rufoaeneus* (DEJEAN); *Blemus discus* ssp. *discus* (FABRICIUS); *Trechus secalis* ssp. *secalis* (PAYKULL); *Harpalus hospes* ssp. *hospes* STURM; *Ophonus similis* (DEJEAN); *Parophonus hirsutulus* (DEJEAN); *Dromius fenestratus* (FABRICIUS); *Badister lacertosus* STURM; *Atranus ruficollis* (GAUTIER DES COTTES); *Pedius longicollis* (DUFTSCHMID); *Polystichus connexus* (GEOFFROY). Bulgaria: *Carabus coriaceus* ssp. *excavatus* CHARPENTIER; *Asaphidion stierlini* (Heyden); *Bembidion scapulare* DEJEAN; *B. schueppelii* DEJEAN; *Sinechostictus moschatus* (PEYRON); *Pogonistes testaceus* ssp. *graecus* (APFELBECK); *Trechus subacuminatus* A. FLEISCHER; *Licinus graecus* APFELBECK. Croatia: *Nebria picicornis* ssp. *picicornis* (FABRICIUS); *Dyschirius cylindricus* ssp. *hauseri* A. FLEISCHER; *Bembidion conforme* (DEJEAN); *B. argenteolum* AHRENS; *B. splendidum* ssp. *splendidum* STURM; *B. laticolle* (DUFTSCHMID); *B. friebi* NETOLITZKY; *B. biguttatum* (FABRICIUS); *B. iricolor* BEDEL; *Tachyta nana* ssp. *nana* (GYLLENHAL); *Tachyura quadrisignata* (DUFTSCHMID); *Drypta distincta* (P. ROSSI); *Acinopus amophilus* DEJEAN; *Harpalus zabroides* DEJEAN; *Cymindis lineola* L. DUFUR; *Demetrias imperialis* (GERMAR); *Badister lacertosus* STURM; *B. meridionalis* PUEL; *B. unipustulatus* BONELLI; *Agonum fuliginosum* (PANZER); *Limodromus longiventris* (MANNERHEIM); *Oxypselaphus obscurus* (HERBST); *Pterostichus aethiops* (PANZER); *P. incommodus* SCHAUM; *P. illigeri* ssp. *illigeri* (PANZER). European Turkey: *Bembidion concoeruleum* NETOLITZKY; *B. splendidum* ssp. *splendidum* STURM; *B. properans* (STEPHENS); *B. brunnicorne* ssp. *brunnicorne* DEJEAN; *B. castaneipenne* JACQUELIN DU VAL; *Porotachys ottomanus* SCHWEIGER; *Diachromus germanus*

(LINNAEUS); *Carterus gilvipes* (PIOCHARD DE LA BRULERIE); *C. rufipes* (CHAUDOIR); *Dixus clypeatus* (P. ROSSI); *D. obscurus* (DEJEAN); *Ophonus laticollis* MANNERHEIM; *O. ardosiacus* (LUTSHNIK); *O. franziiorum* SCIAKY; *Cymindis miliaris* (FABRICIUS); *Microlestes fulvibasis* (REITTER); *Syntomus obscuroguttatus* (DUFTSCHMID); *S. pallipes* (DEJEAN); *Pterostichus macer* ssp. *macer* (MARSHAM). **Kosovo:** *Nebria rufescens* ssp. *rufescens* (STRØM); *N. picicornis* ssp. *picicornis* (FABRICIUS); *Dyschirius latipennis* SEIDLITZ; *D. substriatus* ssp. *priscus* J. MÜLLER; *Broscus cephalotes* (LINNAEUS); *Bembidion quadripustulatum* ssp. *quadripustulatum* AUDINET-SERVILLE; *B. combustum* ssp. *combustum* MENETRIES; *B. grandipenne* ssp. *grandipenne* SCHAUM; *Chlaenius nitidulus* (SCHRANK); *Ophonus gammeli* (SCHAUBERGER); *Cymindis humeralis* (GEOFFROY); *Myas chalybaeus* (PALLIARDI); *Poecilus lepidus* ssp. *lepidus* (LESKE); *Amara messae* BALIANI. **Malta:** *Paradromius linearis* ssp. *linearis* (OLIVIER). **Montenegro:** *Notiophilus rufipes* CURTIS; *Dyschirius agnatus* MOTSCHULSKY; *Asaphidion flavipes* (LINNAEUS); *Bembidion brunoii* BONAVITA; *B. monticola* ssp. *monticola* STURM; *Harpalus pumilus* STURM; *Ophonus cordatus* (DUFTSCHMID); *Anthraxus consputus* (DUFTSCHMID); *Cymindis lineola* L. DUFOUR; *Lebia chlorocephala* (J.J. HOFFMANN); *L. trimaculata* (VILLERS); *Syntomus pallipes* (DEJEAN); *Pterostichus vernalis* (PANZER); *P. variolatus* ssp. *carniolicus* GANGLBAUER; *P. anthracinus* ssp. *anthracinus* (ILLIGER). **Romania:** *Ditomus calydonius* ssp. *calydonius* (P. ROSSI); *Apristus subaeneus* CHAUOIR; *Pterostichus incommodus* SCHAUM; *Zabrus corpulentus* SCHAUM. **Slovenia:** *Dyschirius apicalis* PUTZEYS; *Philorhizus crucifer* ssp. *crucifer* (LUCAS). **Switzerland:** *Chlaenius costulatus* (MOTSCHULSKY). **Ukraine:** *Bembidion persicum* MENETRIES. **Afghanistan:** *Brachinus quadriguttatus* GEBLER. **Asian Turkey:** *Chlaenius sulcicollis* (PAYKULL); *Paradromius longiceps* (DEJEAN); *Pterostichus quadrioveolatus* LETZNER. **Iraq:** *Brachinus bayardi* DEJEAN; *Chlaenius dimidiatus* CHAUOIR; *Polystichus connexus* (GEOFFROY). **Iran:** *Torretassoa alfieri* SCHATZMAYR & KOCH; *Chlaenius tristis* ssp. *tristis* (SCHALLER); *Paradromius linearis* ssp. *linearis* (OLIVIER); *Lebia trimaculata* (VILLERS); *Pterostichus cursor* (DEJEAN); *Zuphium testaceum* KLUG. **Kazakhstan:** *Zuphium olens* ssp. *olens* (P. ROSSI). **Lebanon:** *Notiophilus danieli* REITTER; *Brachinus bayardi* DEJEAN; *Chlaenius dimidiatus* CHAUOIR; *C. tristis* ssp. *tristis* (SCHALLER); *C. vestitus* (PAYKULL); *C. festivus* ssp. *festivus* (PANZER). **Saudi Arabia:** *Torretassoa alfieri* SCHATZMAYR & KOCH. **Syria:** *Chlaenius vestitus* (PAYKULL). **Turkmenistan:** *Philorhizus notatus* (STEPHENS).

Species recorded with first detailed records for the following countries: **Bulgaria:** *Dicheirotichus discicollis* (DEJEAN). **Croatia:** *Pterostichus leonisi* APFELBECK. **European Turkey:** *Gynandromorphus etruscus* ssp. *etruscus* (QUENSEL); *Scybalicus oblongiusculus* (DEJEAN); *Cymindis ornata* FISCHER VON WALDHEIM; *Olisthopus glabricollis* (GERMAR); *Abax carinatus* ssp. *carinatus* (DUFTSCHMID); *Amara anthobia* A. VILLA & G.B. VILLA. **Romania:** *Dicheirotichus discicollis* (DEJEAN).

Confirmation of occurrence for the following countries: **Bosnia Herzegovina:** *Dyschirius agnatus* MOTSCHULSKY; *Bembidion starkii* SCHAUM; *Tachyura diabrachys* (KOLENATI). **Bulgaria:** *Bembidion hypocrita* ssp. *ilyricum* NETOLITZKY; *B. stephensi* ssp. *stephensi* CROTCH; *B. tethys* NETOLITZKY; *Sinechostictus tarsicus* (PEYRON). **Croatia:** *Bembidion latiplaga* ssp. *latiplaga* CHAUOIR; *B. ephippium* (MARSHAM); *B. modestum* (FABRICIUS); *Sinechostictus millerianus* (HEYDEN); *Pogonus luridipennis* (GERMAR); *Chlaenius terminatus* DEJEAN; *Harpalus picipennis* (DUFTSCHMID); *Cymindis macularis* FISCHER VON WALDHEIM; *Dromius quadrimaculatus* (LINNAEUS); *Philorhizus crucifer* ssp. *crucifer* (LUCAS); *Lebia marginata* (GEOFFROY); *Agonum antennarium* (DUFTSCHMID); *Poecilus cursorius* ssp. *cursorius* (DEJEAN). **European Turkey:** *Notiophilus substriatus* C.R. WATERHOUSE; *Broscus nobilis* (DEJEAN); *Bembidion quadricolle* (MOTSCHULSKY); *B. varium* (OLIVIER); *B. striatum* (FABRICIUS); *B. dalmatinum* ssp. *dalmatinum* DEJEAN; *Paratachys bistriatus* (DUFTSCHMID); *Microlestes fissuralis* (REITTER); *Paradromius linearis* ssp. *linearis* (OLIVIER). **Montenegro:** *Tachyura diabrachys* (KOLENATI). **Romania:** *Brachinus immaculicornis* ssp. *apfelbecki* JAKOBSON; *B. bipustulatus* QUENSEL; *Pogonistes*

convexicollis CHAUDOIR; *Chlaenius tristis* ssp. *tristis* (SCHALLER); *C. dejeanii* (DEJEAN); *Cymindis lineata* (QUENSEL); *C. miliaris* (FABRICIUS); *Demetrias atricapillus* (LINNAEUS); *Dromius agilis* (FABRICIUS); *D. quadrimaculatus* (LINNAEUS); *Microlestes fissuralis* (REITTER); *Paradromius linearis* ssp. *linearis* (OLIVIER); *Lebia chlorocephala* (J.J. HOFFMANN); *Syntomus obscuroguttatus* (DUFTSCHMID); *Badister collaris* MOTSCHULSKY; *Agonum muelleri* (HERBST); *A. micans* (NICOLAI); *A. sexpunctatum* (LINNAEUS); *Olisthopus rotundatus* ssp. *rotundatus* (PAYKULL); *Paranchus albipes* (FABRICIUS); *Platynus scrobiculatus* ssp. *scrobiculatus* (FABRICIUS); *Pedius inquinatus* (STURM); *Pterostichus quadrifoveolatus* LETZNER; *P. aterrimus* ssp. *aterrimus* (HERBST); *P. gracilis* ssp. *gracilis* (DEJEAN); *P. minor* ssp. *minor* (GYLLENHAL); *Synuchus vivalis* ssp. *vivalis* (ILLIGER). Slovenia: *Demetrias atricapillus* (LINNAEUS). Asian Turkey: *Paussus turcicus* I. FRIVALDSZKY VON FRIVALD; *Asaphidion flavipes* (LINNAEUS); *Bembidion assimile* GYLLENHAL; *B. azurescens* ssp. *azurescens* DALLA TORRE; *B. latiplaga* ssp. *latiplaga* CHAUDOIR; *B. subplagiatum* J.R. SAHLBERG; *B. maculatum* ssp. *maculatum* DEJEAN; *Ocys quinquestriatus* ssp. *berytensis* (NETOLITZKY); *Tachyura parvula* (DEJEAN); *Pogonistes testaceus* ssp. *graecus* (APFELBECK); *Pogonus luridipennis* (GERMAR); *Anisodactylus signatus* (PANZER); *Harpalus albanicus* REITTER; *Cymindis scapularis* ssp. *scapularis* SCHAUM; *Badister dilatatus* CHAUDOIR; *Amara similata* (GYLLENHAL); *A. serdicana* APFELBECK. Azerbaijan: *Pterostichus strenuus* (PANZER). Iraq: *Chlaenius dejeanii* (DEJEAN). Israel: *Notiophilus danieli* REITTER; *Chlaenius vestitus* (PAYKULL).

Species mentioned with additional detailed records for the following countries: Bulgaria: *Bembidion grandipenne* ssp. *grandipenne* SCHAUM; *Ophonus subsinuatus* REY. Montenegro: *Bembidion grandipenne* ssp. *grandipenne* SCHAUM. Romania: *Pogonus orientalis* ssp. *orientalis* DEJEAN. Egypt: *Torretassoa alfieri* SCHATZMAYR & KOCH. Iran: *Penthus tenebrioides* (WALLI); *Polystichus connexus* (GEOFFROY). Iraq: *Poecilus pertusus* (SCHAUM).

Key words: Coleoptera, Carabidae, new combinations, new synonyms, first records, first detailed records, confirmed records, Afghanistan, Azerbaijan, Bosnia Herzegovina, Bulgaria, Croatia, Egypt, Iraq, Iran, Israel, Kazakhstan, Kosovo, Lebanon, Malta, Montenegro, Romania, Saudi Arabia, Slovenia, Switzerland, Syria, Turkey, Turkmenistan, Ukraine.

Introduction

In the course of study material of Carabidae in different European museum and loans from several private collections, I found records and facts which are unmarked in the catalogue of LÖBL & SMETANA (2003). In my opinion these data could improve our knowledge about the systematics and distribution of the Palaearctic carabid beetles. The great mass of the data concern first findings, first detailed records and confirmations of species in regard to countries and regions in South-East Europe, South-West and Central Asia; single records from Switzerland and Malta are included too. Particular attention deserves the following fact. Three species described by Gautier des Cottes long ago, viz. *Feronia carradei*, *F. ochracea*, and *F. similata*, had recently been treated as nomina dubia and incertae sedis (CATPAL 1: BOUSQUET 2003d: 515-516). But, after the type material of these taxa was detected and found determinable. Examinations of the material in question resolved the systematic positions of these taxa and hence remove them from the above two nomenclatorial groups. Lectotypes have been designated when possible from syntypes for the stability of the nomenclature, to become the unique bearer of the name of each taxon and the standard for its application, according to Article 74.1. (ICZN). Further, a form of *Pterostichus* described by Apfelbeck as species was found to

be junior synonym of species with Balkan - Pannonian distribution.

I would like to announce all these data in much the same manner as WRASE (2009).

Material and methods

The examined material is housed in institutional and private collections, as follows:

BMNH	Natural History Museum, London, United Kingdom
DIE.....	Deutsches Entomologisches Institut, Müncheberg, Germany
HNHM	Magyar Természettudományi Múzeum Allattara, Budapest, Hungary
MIZ.....	Museum and Institute of Zoology, Polish Academy of Sciences, Warszawa, Poland
MNHN	Muséum National d'Histoire Naturelle, Paris, France
NMNHS.....	Insect Collection, National Museum of Natural History, Sofia, Bulgaria
NNM.....	the Netherlandische Naturalis Museum Leiden
NMW.....	Naturhistorisches Museum Wien, Vienna, Austria
MNHUB.....	Museum für Naturkunde der Humboldt Universität zu Berlin, Berlin, Germany
ZMAN.....	Zoölogisch Museum Amsterdam, Amsterdam, the Netherlands
cIR.....	collection I. Rozner, Budapest, Hungary
cJM.....	collection Jan Muilwijk, De Bilt, The Netherlands
cRL.....	collection Roman Lohaj, Kosice, Slovakia
cVS.....	collection Vladimír Skoupý, Kamenné Žehrovice, Czech Republic
cWR.....	collection David W. Wrase, Berlin, Germany

The symbol CATPAL 1 is used to indicate the Catalogue of Palaearctic Coleoptera, Volume 1 (LÖBL & SMETANA 2003). The systematic arrangement follows the same work. The abbreviation s. is used for specimen/s.

New taxonomic acts

Tribe *Pterostichini* BONELLI 1810

Genus *Pterostichus* BONELLI 1810

Pterostichus (Cryobius) carradei (GAUTIER DES COTTES 1866), **comb.nov.**

Feronia (Haptoderus) carradei GAUTIER DES COTTES 1866: 277

Feronia (Tapinopterus) insidiosa FAIRMAIRE 1866 : 252, **syn. nov.**

Feronia carradei GAUTIER DES COTTES 1866

Type material. 2♂♂, 3♀♀ syntypes (lectotype and paralectotypes by present designation) specified as follows; lectotype ♂, well preserved, labelled: "m Guerin...1866." [handwritten yellow label; text almost illegible] / "Ex. musæo Gaut. des Cottés." [typeset]; paralectotype ♀, well preserved, labelled: "Tapinopterus...1856" [handwritten] / "*Feronia (Haptoderus) Carradei* G. des Cottés Armeniæ..." [handwritten yellow label] / "Ex. musæo Gaut. des Cottés." [typeset]; paralectotypes ♂, ♀, moderately well preserved, labelled: "Armenie Deyrolle" [handwritten]; paralectotype ♀, moderately well preserved, labelled: "Armenie Deyrolle" [handwritten] / "*Haptoderus Carradi...*" [handwritten label]. All specimens housed in MNHN ("Collection Chaudoir", box no 216 "Argutor").

Type locality. "l'Armenie".

Other material examined. 1♂, labelled: "*Feronia (Tapinopterus) Carradei (Haptoderus)* lg. C. insidiosus F.A.1856..."; 1♂, labelled: "BoBos-Dagh Lederer." [handwritten]

yellow label" / "Ex. musæo Gaut. des Cottes." [typeset]; 2 ♀♀, labelled: "Ex. musæo Gaut. des Cottes." [typeset]. Three specimens housed in MNHN (Collection "Magasins Chaudoir", box "Acupalpus...Haploderus").

Recently, this taxon was placed among the *incertae sedis* species of *Pterostichus* and treated as *nomen dubium* (CATPAL 1: BOUSQUET 2003d: 515). However, long ago *F. carradei* was treated as synonym of *F. insidiosa* (HEYDEN 1883: 72). Two specimens from the type series of *Feronia carradei*, a male and a female, bear yellow label which are characteristic for the type material of Gautier des Cottes. Such labels present also in specimens from other type series of the same author in MNHN, for example *F. ochracea*, *F. similata*, etc. The study of the syntypes of *Feronia carradei* and their comparison with syntypes of *Feronia insidiosa* confirmed that all they are conspecific. FAIRMAIRE (1866) published his description in *Annales de la Société Entomologique de France* (4) 6: 17-74. The part that includes his paper was printed on 24 October 1866, not on 24 October 1865 as indicates page CI of the same volume. The last misapprehension is evident mistake since the earlier trimester of the journal was printed on 22 August 1866, and Fairmaire submitted his paper for consideration in the session on 10 January 1866. Gautier des Cottes published his description in *Revue et Magasin de Zoologie Pure et Appliquée* (2) 18; his paper was issued in volume 18 on August 1866. Since the work of Gautier des Cottes was printed off earlier than the work of Fairmaire, the taxon described by the former author has precedence above that described by the latter one.

Feronia insidiosa FAIRMAIRE 1866

Type material. 2 ♂♂, 1 ♀ syntypes (lectotype ♂ and paralectotypes by present designation); specification: there is a common handwritten label "*insidiosa* Fairmaire Anatolie Lederer." pinned on the bottom of box; lectotype bears handwritten label "Anatolie Lederer" pinned beneath the specimen; paralectotype ♀ without pinned label; paralectotype ♂ bears two additional handwritten labels "*Feronia Tapinopterus insidiosa* t. Bosz Dagh" and "Anatolie Lederer" pinned beneath the specimens (MNHN, "Collection Chaudoir", box no 216 "*Argutor*").

Type locality. "Sur le Bosz-Dagh, près des neiges".

Other material examined. 1 ♀, labelled: "*Tapinopterus insidiosa* Fairm Bosz-Dagh asiaminor" [handwritten label] (MNHN, "Collection Chaudoir", box no 216 "*Argutor*"); 1 ♂, 3 ♀♀, labelled: "Asia minor." (MIZ); one female bears second label "*insidiosa* Fairm Bosz Dagh Led."

Recently, this taxon was treated valid species as *Pterostichus* (*Cryobius*) *insidiosus* (FAIRMAIRE 1866) (CATPAL 1: BOUSQUET 2003d: 491). In spite of the not examined genitalia of *Feronia insidiosa*, I am convenient that this taxon is conspecific with *F. carradei*. The similarity of the two type series and the extraordinary habitus of all studied specimens (big size and quite flat body, light brown to brownish color, characteristic shape of pronotum, etc.) suppose that they are identical and that *P. carradei* occupies isolated position in the subgenus.

***Pterostichus* (*Feronidius*) *incommodus* SCHAUM 1858**

Pterostichus (*Steropus*) *incommodus* SCHAUM 1858: 470

Pterostichus serbicus APFELBECK 1899: 290, **syn. nov.**

Pterostichus (*Pterostichus*) *serbicus* var. *unistriatus* APFELBECK 1904: 265

Platysma (*Pterostichus*) *serbicum* var. *karageorgii* LUTSCHNIK 1915: 29

Pterostichus serbicus APFELBECK 1899

Type material. 1 ♂, 1 ♀ syntypes, labelled: "AK-Palanka Suha plan." [typeset white label] / "*serbicus* det. Apflb." [white label, "*serbicus*" handwritten and red underlined, remaining typeset inscription] / "Collectie C. & O. Vogt Acq. 1960" [typeset white label] (ZMAN).

Type locality. "Ak Palanka in Serbien (Hilf)".

Other material examined. BULGARIA. Vitosha Mt., around Dragalevtsi

Village, 4.IV.1906, 1♂ (NMNHS); Lozenska Planina Mt., Germanski Monastery, 20.VII.1911, 1♂ (NMNHS); "Bulgaria, Stara Planina, Jskrec 12.X.1963 leg. R. Bielawski", 1♀ (MIZ); Sofia District, Dragomansko blato Marsh, 630 m, 22.VII-3.IV.2004, soil traps, 1♂, 2♀♀, leg. E. Migliaccio (NMNHS). CROATIA. "Dalmatia", 2 s. (ZMAN). HUNGARY. "Umgb. B-Pest Diener", 1♀ (NMNHS). KOSOVO. "Novipazar: Banjska" / "Akad. Balk. Exp. Csiki 1916", 1 s. (HNHM); "Albania Ipek" / "Akad. Balk. Exp. Csiki 1917", 1 s. (HNHM). ROMANIA. "Biharfüred Hungaria", 1♂ (MIZ); "Mts. Bihar Hungaria", 2♂♂, 1♀ (MIZ). SERBIA. "Fruška Gora Sirmien.", 1♂ (MIZ); "Serbien Paracin 1918 Dr. Maertens", 2 s. (MNHUB); "Jugoslavia Nis, 1957 III." / "legit dr. Lenczy", 18 s. (HNHM); "Jugoslavia Nis, 1957 IV." / "legit dr. Lenczy", 17 s. (HNHM). SLOVAKIA. "Presb. Com. V. Žoufal.", 1♂ (ZMAN).

P. serbicus was defined by APFELBECK (1899, 1904) on the ground that it is distinct from both *P. melas* (CREUTZER 1799) and *P. hungaricus* (DEJEAN 1828). At the same time, the author did not compare the new form with *P. incommodus*. Characters for the separation of *P. serbicus* from the other two species were size, shape and proportion of body, as well as pronotum with characteristic shape and presence of shallow and short basal impressions. So far, records for this species were noted only for Serbia (data summarized by ČURČIĆ et al. 2007: 249, 755) and Bulgaria (GUÉORGUIEV & MUILWYJK 2000). On the other hand, faunistic data for *P. incommodus* from the Balkans were cited for Kosovo (CSIKI 1940: 216; ČURČIĆ et al. 2007: 247, 751), Bulgaria (HIEKE & WRASE 1988) and Serbia (GUÉORGUIEV 2008).

However, the study of material originally identified as *P. incommodus* or *P. serbicus* as well as undetermined material established suspicion about the identity of the latter one. Study of the genitalia of male syntype of *P. serbicus* and genitalia of specimens of *P. incommodus* from Slovakia, Hungary, Croatia and Bulgaria demonstrated that the structure of the aedeagus and shape of the left parameres in all samples are identical and that both taxa in question represent single species. Main character that was used to distinguish these forms i.e. number of basal impressions of the pronotum (SCHATZMAYR 1942) is irrelevant. For example, two of the three specimens from Dragomansko blato Marsh have clear, moderately impressed outer impression. However, the third specimen has no outer impression. Both syntypes of *P. serbicus* have distinct inner basal impression as well as shallow but distinct outer basal one at each side of pronotum. Variation *karageorgeii* (LUTSCHNIK), replacement name for variation *unistriatus* APFELBECK, was defined for a local form of *P. serbicus* without outer basal impressions (APFELBECK 1904). This form was described from Novi Pazar, a place situated very close to the first known citation of *P. incommodus* from the Balkan Peninsula (CSIKI 1940: 216). On the other hand, HŮRKA (1996: 284) has noted that sometimes specimens from Moravia and Slovakia have "vague and very shallow" second basal impression at each side of the pronotum. Besides that the number of the basal impression and the expression of outer ones vary, variability exist too in the punctuation of the inner impressions. Such phenotypic variances have intra-specific character that not allows formation of geographical races or vicariant species. This conclusion is supported from lack of any appreciable differences in the morphology of the male genitalia.

P. incommodus is a rare species with Balkan - Pannonian distribution which in the Balkan Peninsula occurs mainly at lowlands in the basins of the big rivers of Danube, Sava and Morava. First records of *P. incommodus* from Croatia and Romania.

Pterostichus (Pseudomaseus) fuscicornis* (REICHE & SAULCY 1855)Feronia (Pseudomaseus) confusa* CHAUDOIR 1846: 140*Feronia (Omaseus) fuscicornis* REICHE & SAULCY 1855: 620*Feronia (Omaseus) similata* GAUTIER DES COTTES 1870: 261, **syn. nov.***Feronia similata* GAUTIER DES COTTES 1870

Type material. Syntype ♀ (lectotype by present designation), well preserved, labelled: "Trebizond-" [handwritten label] / "*Feronia (Omaseus) similatus*. G. Cottes. n.sp Trebizonde. ... 1869" [handwritten yellow label] / "....." [illegible handwritten French text] / "Ex. musæo Gaut. des Cottés." [typeset label] / "LECTOTYPE *Feronia similata* Gautier des Cottés, 1870 des. B.Gueorguiev" [typeset red label] (MNHN, "Collection Chaudoir", box no 205 "*Omaseus Lyperus Orites Rhytistern.*"); 1♂ syntype (paralectotype by present designation), with abdominal part and genitalia destroyed, labelled: "*similata* Gautier d. C." [handwritten white label] / "Trebizonde Th. Deyr" [handwritten yellow label] (MNHN, "Collection Chaudoir", box no 205 "*Omaseus Lyperus Orites Rhytistern.*").

Type locality. "Habitat in Trapezo Natoliae. A. D. Th. Dey-rolle lecta."

Recently this species was placed among the *incertae sedis* species of *Pterostichus* and treated as *nomen dubium* (CATPAL 1: BOUSQUET 2003d: 516). However, its systematic place was well-defined in the original description. GAUTIER DES COTTES (1870: 261-262) write: "Très voisine de la *Feronia (omaseus) fuscicornis* (Reiche N° 60) ou *F. confusa* (Chaud. En car. Du Caucase p. 136) - du Jourdan et du Caucase; elle en diffère...". The study of the two syntypes confirmed that this taxon has pronotum with convex sides backwards and posterior angles with small, protruding denticles. I consider that the differences noted by GAUTIER DES COTTES (1870: 262) do not merit specific rank so that this form is treated as conspecific with *Pterostichus fuscicornis*. The female syntype is selected for lectotype of *F. similata* because of the lacking last abdominal sterna and genitalia of the male syntype.

P. fuscicornis is a distinct species with a wider distribution than expected. At present, it is known from Northeast Anatolia, Transcaucasus, Syria, Lebanon, Israel, Iran, and from eastern Tian Shan, Northwest China (ANGUS et al. 2009). David Wrase wrote me "I have meanwhile received material also from Turkey (2 females: Rize, Kackar dagi and Mardin), though only females, they differ from *P. nigrita* by not distinctly blackened appendages (dark rufopiceous), a somewhat flatter pronotum with a very fine lateral border/channel. I don't know if both species are exactly sympatric but I have a male of *P. nigrita* also from the Kackar dagi, from a different locality, so at least they can occur both in the same region" (D. Wrase personal communication). For additional notes on the nomenclature of *P. fuscicornis* see WRASE (1992) and ANGUS et al. (2009).

Tribe Z a b r i n i BONELLI 1810**Genus *Amara* BONELLI 1810*****Amara (Leiocnemis) ochracea* (GAUTIER DES COTTES 1868), comb. nov.***Feronia (Steropus) ochracea* GAUTIER DES COTTES 1868 : 324*Amara (Leiocnemis) abnormis* TSCHITSCHERINE 1894: 393, **syn. nov.***Amara (Cyclothorax) harpaloides* FLEISCHER 1897: 72*Amara (Euderocycla) fleischeri* TSCHITSCHERINE 1897: 30*Feronia ochracea* GAUTIER DES COTTES 1868

Type material. ♂ holotype, labelled: "*ochracea* St. D. Jn. V.74.21...." (dorsal part) "*ochraceus* Taurus niiger" (ventral side) [handwritten yellow label] / "*Feronia (Steropus)* no. sp. *ochraceus* G. des Cottés Taurus (niiger) Lederer..." [handwritten yellow label] / "Ex. musæo Gaut. des Cottés." [typeset] (MNHN, "Collection Chaudoir", box no 216 "*Argutor*").

Type locality: "Turkey, Taurus Mountains".

Other material examined. 2♀ of *Amara (Leiocnemis) abnormis* TSCHITSCHERINE 1894, labelled: "Asia minor Biledjik v. Bodemeyer" / "*Amara (Liocn.) abnormis* Tsch. det. F. Hieke 1975" (MNHN, collection generale, genus *Amara*, box no 36).

Recently, this taxon was placed among the incertae sedis species of *Pterostichus* and treated as nomen dubium (CATPAL 1: BOUSQUET 2003d: 515). Study of the holotype revealed that it belongs to genus *Amara* and is conspecific with *Amara (Leiocnemis) abnormis* TSCHITSCHERINE 1894. The description of Gautier des Cottés was printed in Mitteilungen der Schweizer. Entomologischen Gesellschaft, Band 2, nr. 8 in February of 1868. Therefore, his taxon has priority over the taxon described by TSCHITSCHERINE (1894). For additional notes on the nomenclature of *Amara abnormis* see HIEKE (2009).

Faunistic notes

Subfamily N e b r i i n a e LAPORTE 1834

Tribe N e b r i i n i LAPORTE 1834

Genus *Nebria* LATREILLE 1802

Nebria (Boreonebria) rufescens ssp. rufescens (STRØM 1768)

K o s o v o : "1978.VI.11 Peć (Peja) 700 m", 3 s. (cIR).

First record for Kosovo.

Nebria (Eunebria) picicornis ssp. picicornis (FABRICIUS 1801)

C r o a t i a : "Dalmatia Metković E. v. D.", 1 s. (HNHM).

K o s o v o : "Alban. Exp.'18 Prizren 14.V.", 1 s. (NMW).

First records for Croatia and Kosovo.

Nebria (Eunebria) psammodes (P. ROSSI 1792)

B o s n i a H e r z e g o v i n a : "Bosnia coll. Lichtn.", 1 s. (HNHM).

First record for Bosnia Herzegovina.

Nebria (Oreonebria) diaphana ssp. relicta (BREIT 1914)

B o s n i a H e r z e g o v i n a : "Bosnia" / "A. v. Gebhardt. B. M. 1938-106", 1 s. (BMNH).

First record for Bosnia Herzegovina.

Tribe Notiophilini MOTSCHULSKY 1850

Genus *Notiophilus* DUMERIL 1806

***Notiophilus danieli* REITTER 1897**

I s r a e l : "Palaestina Reitter", 1 s. (HNHM); "Jordan. J. Klapperich" / "Jordantal Jericó" / "250 m u. M. 10.2.1958", 3 s. (HNHM).

L e b a n o n : "Saida" / ""Libanon Syria coll. Winkler", 1 s. (HNHM).

First record for Lebanon. This species has been cited for Israel (BODENHEIMER 1937, CHIKATUNOV et al. 1999), but after was omitted for the county (CATPAL 1: BOUSQUET & BARŠEVSKIS 2003: 97). Species confirmed for Israel.

***Notiophilus interstitialis* REITTER 1889**

B o s n i a H e r z e g o v i n a : "Nevesinie K. Kysely" / "*interstitialis* det. Formárek", 1 s. (NMW).

First record for Bosnia Herzegovina.

***Notiophilus rufipes* CURTIS 1829**

M o n t e n e g r o : "Zabljak, Mont. 4VII.1958" / "Podgora 1400 m" / "leg. Kaszab & Szekessy", 1 s. (HNHM).

First record for Montenegro.

***Notiophilus substriatus* C.R. WATERHOUSE 1833**

E u r o p e a n T u r k e y : "Stambul Turcia Biró, 1925, V.10.", 2 s. (HNHM).

Species noted for European Turkey (APFELBECK 1904: 63), but then omitted for the region (CATPAL 1: BOUSQUET & BARŠEVSKIS 2003: 97). *N. substriatus* is confirmed in European Turkey.

Subfamily Carabinae LATREILLE 1802

Tribe Carabini LATREILLE, 1802

Genus *Calosoma* WEBER 1801

***Carabus (Procrustes) coriaceus* ssp. *excavatus* CHARPENTIER 1825**

B u l g a r i a : Belasitsa Mountain, 1800 m, VII.1991, 1 ♂, leg. M. Todorov (NMNHS).

First record of *C. c.* ssp. *excavatus* from Bulgaria. This taxon (considered here as including *C. c.* ssp. *florinensis* LAPOUGE 1922 and *C. c.* ssp. *joniensis* BREUNING 1937) is distributed in Croatia, Albania, North Greece and South Macedonia.

Tribe C y c h r i n i LAPORTE 1834

Genus *Cychnrus* FABRICIUS 1794

***Cychnrus schmidti* CHAUDOIR 1837**

B o s n i a H e r z e g o v i n a : "Jugoslaw. Bosnien Umg. Jajce (Maidan) Baidia 12-23.6.67", 1 s. (NMW); "Joeg Bosna Vrelo IX.80 Coll. W. Maassen", 2 s. (ZMAN).

First records for Bosnia Herzegovina.

Subfamily P a u s s i n a e LATREILLE 1807

Tribe P a u s s i n i LATREILLE 1807

Genus *Paussus* LINNAEUS 1775

***Paussus turcicus* I. FRIVALDSZKY VON FRIVALD 1835**

A s i a n T u r k e y : "Smyrna Dr. Krüper", 1 s. (NMW); "Smyrna Coll. Schuster", 1 s. (NMW); "As. Min. Angora Biró, 1925.VI.13.", 3 s. (HNHM); "Namrun b. Tarsus Asia minor leg. Petrovitz-Ressl", 3 s. (NMW); "As. Min. 15.5.69 Fevzipasa leg. Wewalka", 4 s. (NMW); "Asia Minor mer. Namrun Dr. Schurmann", 1 s. (NMW); "Bahce b. Osmaniye, 600 m; 21.4.66" / "Turkey-Exped. 1966 Naturhist. Mus. Wien", 3 s. (NMW); "Almus (Tokat) 31.5." / "Turkey-Exped. 1966 Naturhist. Mus. Wien", 1 s. (NMW).

Cited for Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 349), but after omitted for the region (CATPAL 1: NAGEL 2003: 211). *P. turcicus* is confirmed for Asian Turkey.

Subfamily B r a c h i n i n a e BONELLI 1810

Tribe B r a c h i n i n i BONELLI 1810

Genus *Brachinus* WEBER 1801

***Brachinus (Brachynolomus) immaculicornis* ssp. *apfelbecki* JAKOBSON 1908**

R o m a n i a : "Mangalia Dobrutscha, Breit", 6 s. (DEI; NMW); "Mangalia Rum. Kuchta", 1 s. (NMW); "Dobroudja Ester A.L. Montandon", 2 s. (DEI); "Roumanie Comana Vlasca A.L. Montandon", 4 s. (DEI).

B. immaculicornis DEJEAN 1826 is confirmed for Romania. It has been cited for the country (SEIDLITZ 1888: 22), but subsequently omitted (CATPAL 1: HRDLIČKA 2003: 214; VIGNA TAGLIANTI 2004). The specimens from Mangalia have size of body 6.5-7 mm and specific shape of the pronotum. They seem different in habitus from specimens of the nominotypical race which have larger body (8-10 mm) and differing pronotum. Taxonomic work on the subspecies of *B. immaculicornis* and their status deserves particular attention.

***Brachinus (Cnecostolus) bayardi* DEJEAN 1831**

I r a q : "Mesopotam. Assur 7.08", 4 s. (NMW); "Mesopotamia Mosul Coll. Hauser 5.09", 2 s. (NMW).

L e b a n o n : "Beyruth, Syr. Coll. Winkler", 2 s. (NMW); "Dr. F. Leuthner Beirut 4.85 Syrien", 1 s. (NMW).

First records for Iraq and Lebanon.

***Brachinus (Cnecostolus) bipustulatus* QUENSEL 1806**

R o m a n i a : "Roumanie Comana Vlasca A.L.Montandon", 5 s. (DEI; NMW).

The species has been noted for Romania (JAKOBSON 1907c: 411; HIEKE & WRASE 1988: 166), but after was omitted for the country (CATPAL 1: HRDLIČKA 2003: 214). *B. bipustulatus* is confirmed for Romania.

***Brachinus (Cnecostolus) quadriguttatus* GEBLER 1829**

A f g h a n i s t a n : "Afghanistan Kuschke Coll. Hauser 1896.", 1 s. (NMW).

First record for Afghanistan.

Subfamily S c a r i t i n a e BONELLI 1810

Tribe C l i v i n i n i RAFINESQUE 1815

Subtribe C l i v i n i n a RAFINESQUE 1815

Genus *Clivina* LATREILLE 1802

***Clivina laevifrons* CHAUDOIR 1842**

B o s n i a H e r z e g o v i n a : "Bosnia", 1 s. (HNHM).

First record for Bosnia Herzegovina.

Subtribe D y s c h i r i n a W. KOLBE 1880

Genus *Dyschirius* BONELLI 1810

***Dyschirius (Dyschiriodes) agnatus* MOTSCHULSKY 1844**

B o s n i a H e r z e g o v i n a : "Brcka Bosna VI. Zoufal.", 1 s. (HNHM).

M o n t e n e g r o : "Crna Gora, Durmitor Oblatna, 1934.VII.7. leg. Dr. J. Fodor", 4 s. (HNHM).

First record for Montenegro. The species has been cited for Bosnia Herzegovina (MÜLLER 1922: 66 as *D. lucidus* PUTZEYS; HIEKE & WRASE 1988: 30 as *D. lucidus* PUTZEYS). Since recently it was not mentioned for the last country (CATPAL 1: BALKENOHL 2003: 224) here it is confirmed for it. The material above was originally identified by D. Fedorenko.

***Dyschirius (Dyschiriodes) apicalis* PUTZEYS 1846**

S l o v e n i a : "Slowenien Protorož" / Adria 23.6.1981 leg. F. Hieke", 5 s. (MNHUB).

First record for Slovenia. The material was originally identified by P. Bulirsch.

***Dyschirius (Dyschiriodes) cylindricus ssp. hauseri* A. FLEISCHER 1898**

C r o a t i a : "Dalmatia", 1 s. (HNHM); "Dalmatia Arbe, Hory", 1 s. (HNHM); "Dalmatia" / "Ins. Arbe Moczarski" / "Compared with Type K. Kult, 1947", 1 s. (HNHM).

First records for Croatia. The material was originally identified by K. Kult.

***Dyschirius (s.str.) latipennis* SEIDLITZ 1867**

K o s o v o : "Yugoslavia, Kosovo Djakovica Brenik, 500 m leg. Papp, Horvatovich", 1 s. (HNHM).

First record for Kosovo. The material was originally identified by M. Balkenohl.

***Dyschirius (Paradyschirius) substriatus ssp. priscus* J. MÜLLER 1922**

K o s o v o : "Yugoslavia, Kosovo Djakovica Brenik, 500 m leg. Papp, Horvatovich" / "Nr.15 19.V.1971", 1 s. (HNHM).

First record for Kosovo.

Genus *Reicheiodes* GANGLBAUER 1891

***Reicheiodes (s.str.) rotundipennis ssp. rotundipennis* (CHAUDOIR 1843)**

B o s n i a H e r z e g o v i n a : "Bosnia, Jaice 1934.XI.5. leg. Dr. J. Fodor", 4 s. (HNHM).

First record for Bosnia Herzegovina. The material was originally identified by D. Fedorenko.

Genus *Torretassoa* SCHATZMAYR & KOCH 1933

***Torretassoa alfieri* SCHATZMAYR & KOCH 1933**

E g i p t : "cotype" / "Heluan, Egitto 23.II.33 C. Koch", 1 syntype (HNHM); "EGYPT. B.M. 1934-135." / "coll. Museo ent. Pietro Rossi Duino" / "Heluan, Egitto 26.2.1933 C. Koch" / "Torre-Tassoa Alfierii Schatzm. Koch det. A. Schatzmayr", 1 syntype (BMHM).

I r a n : "Iran, Prov. Makrazi, Kavir Desert, Houz-e Soltan, 830 m, 3 km S Kusk-e Nosrat," / "50°55'26E, 35°5'14N at light, 28.VI.2000 leg Kálmán Székely", 5 s. (HNHM).

S a u d i A r a b i a : "at light" / "S. Arabia: Kamaran I. 27-11-1903 Dr. M. Cameron. B.M. 1928-109." (BNHM).

First records for Iran and Saudi Arabia. All the specimens from both countries have been compared with syntypes of *T. alfieri* from Egypt.

Tribe *Scaritini* BONELLI 1810

Subtribe *Scaritina* BONELLI 1810

Genus *Scarites* FABRICIUS 1775

***Scarites (Parallelomorphus) laevigatus* FABRICIUS 1792**

B o s n i a H e r z e g o v i n a : "Mostar Matzenauer.", 1 s. (MIZ).

First record for Bosnia Herzegovina.

Subfamily Broscinae HOPE 1838

Tribe Broscini HOPE 1838

Subtribe Broscina HOPE 1838

Genus *Broscus* PANZER 1813

***Broscus cephalotes* (LINNAEUS 1758)**

K o s o v o : "Brezovica 22 km O v. Prizren 10-12-VIII-1965", 1 s. (ZMAN).

First record for Kosovo.

***Broscus nobilis* (DEJEAN 1828)**

E u r o p e a n T u r k e y : "Kadi Keni, Constantinopel V.M. Duchon", 5 s. (DEI); "v. Bodemeyer 7.4.08 Constantinopel Spartakoule", 1 s. (NMW); "Istanbul 1936. Dr. Vasvári" / "VIII.16", 2 s. (HNHM).

This species has been cited for European Turkey (APFELBECK 1904: 78), but later omitted (CATPAL 1: BOUSQUET 2003a: 236). Species confirmed for the region.

Subfamily Trechinae BONELLI 1810

Supertribe Bembiidini STEPHENS 1827

Subtribe Bembiidina STEPHENS 1827

Genus *Asaphidion* GOZIS 1886

***Asaphidion flavipes* (LINNAEUS 1761)**

M o n t e n e g r o : "Crna Gora, Durmitor Oblatna, 1934.VII.7. leg. Dr. J. Fodor", 2 s. (HNHM).
A s i a n T u r k e y : "Asia min. Náday 1911" / "Angora III.19.", 1 s. (HNHM).

First record for Montenegro. *Asaphidion flavipes* has been listed for Anatolia (CASALE & VIGNA TAGLIANTI 1999: 365), but later omitted for the region (CATPAL 1: MARGGI et al. 2003: 242). Species confirmed for Asian Turkey. The material was originally identified by M. Hartmann.

***Asaphidion stierlini* (HEYDEN 1880)**

B u l g a r i a : Belasitsa Mountain, Samuilovo Village, 400-500 m, 3.VII.2009, 1♂ / 16.VIII.2010, 1♀, damp place near brook, leg. B. Guéorguiev (NMNHS).

First record for Bulgaria.

Genus *Bembidion* LATREILLE 1802

***Bembidion* (s.str.) *quadripustulatum* ssp. *quadripustulatum* AUDINET-SERVILLE 1821**

K o s o v o : "Albania Ipek" / "Montes Koprivnik" / "Akad. Balk. Exp. Csiki 1917", 1 s. (HNHM).

First record for Kosovo. CSIKI (1940: 213) cited this material as *B. quadriguttatum* (FABRICIUS 1775).

***Bembidion (Bembidionetolitzkya) brunoi* BONAVIDA 2001**

M o n t e n e g r o : "Vruja, Ursprung Montenegro mer." / "dch Winkler 1942" / "coll Paul Meyer" / "ascendens Dan. dch. P. Meyer", 3 ♂♂, 2 ♀♀ (NMW).

First record for Montenegro.

***Bembidion (Bembidionetolitzkya) concoeruleum* NETOLITZKY 1943**

E u r o p e a n T u r k e y : "Umg. V. Konstantinopol v. Bodemeyer" / "Emm Reitter 1937", 1 s. (NMW).

First record for European Turkey. This species was noted for the region as *B. coeruleum* AUDINET-SERVILLE 1821 (APFELBECK 1904: 87).

***Bembidion (Bembidionetolitzkya) conforme* (DEJEAN 1831)**

C r o a t i a : "Dalmatia", 1 s. (ZMAN).

First record for Croatia.

***Bembidion (Bracteon) argenteolum* AHRENS 1812**

C r o a t i a : "Croatia Reitter.", 1 ♂ (MIZ).

First record for Croatia.

***Bembidion (Chlorodium) splendidum ssp. splendidum* STURM 1825**

C r o a t i a : "Croatia Reitter", 2 s. (HNHM); "Ludbreg Apfelbeck", 2 s. (HNHM).

E u r o p e a n T u r k e y : "Adrianopel. VI.94 Flach", 11 s. (NMW).

First records for Croatia and European Turkey.

***Bembidion (Diplocampa) assimile* GYLLENHAL 1810**

A s i a n T u r k e y : "TR 7.6.1987 (63) Van See Ost – Ufer, leg. Jäch", 1 s. (NMW).

This species has been cited for Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 367 as *Leja assimilis*), but then was omitted for the region (CATPAL 1: MARGGI et al. 2003: 248). *B. assimile* is confirmed for Asian Turkey.

***Bembidion (Emphanes) azurescens ssp. azurescens* DALLA TORRE 1877**

B o s n i a H e r z e g o v i n a : "Bosnia", 2 s. (ZMAN); "Herzegovina" / "Daniel", 1 s. (HNHM); "Sarajevo Apfelbeck", 4 s. (HNHM).

A s i a n T u r k e y : "Kysyldscha Hammam, Paphlagonien, Asm. B. Weirather, Innsbruck", 1 s. (NMW); "Amasia 1888 Korb", 3 s. (NMW); "Eskischehir Anatol., IV.1934", 2 s. (NMW); "Turkey – 1989 leg. Schönmann et Schilhamer" / "Prov. Erzurum 1.6. Coruh – Fluß Bayburt – Pararyolu", 5 s. (NMW); "Turkey – 1989 leg. Schönmann et Schilhamer" / "Prov. Erzurum 9.6. Olur – Yusufeli", 6 s. (NMW).

First record for Bosnia Herzegovina. The species was cited for Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 366 as *Emphanes azurescens*), but after was omitted for the region (CATPAL 1: MARGGI et al. 2003: 248). *B. azurescens* is confirmed for Asian Turkey.

***Bembidion (Emphanes) latiplaga ssp. latiplaga* CHAUDOIR 1850**

C r o a t i a : "Dalmatia Halma. '02.", 1 s. (ZMAN). ASIAN TURKEY. "Smyrna", 1 s. (MNHUB).

This species was cited for Croatia (NOVAK 1952: 20) and Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 366 as *Emphanes latiplaga*), but after was omitted for both regions (CATPAL 1: MARGGI et al. 2003: 249). *B. latiplaga* is confirmed for Croatia and Asian Turkey.

***Bembidion (Euperyphus) combustum ssp. combustum* MENETRIES 1832**

K o s o v o : "Alban. Exp. 1918 Prizren 16.V.", 1 s. (NMW).

First record for Kosovo.

***Bembidion (Euperyphus) scapulare* DEJEAN 1831 s.l.**

B u l g a r i a : "Bulgaria Карлуково Karlukovo distr. Pleven 24.VIII.1950. leg. M. Mroczkowski", 1 ♂ (MIZ); "Bulgaria mer. occ. Sandanski-Strumatal leg. A. Putz 1985", 1 s. (MNHUB).

First records for Bulgaria. Since the subspecies status of the Balkan populations is yet not revised the data above are referred to as *B. scapulare* s.l.

***Bembidion (Eupetodromus) starkii* SCHAUM 1860**

B o s n i a H e r z e g o v i n a : "Prjedor Bosnia K. Kyselý", 3 s. (NMW).

B. starkii has been cited for Bosnia Herzegovina (NETOLITZKY 1913; NETOLITZKY 1943: 76), but after that omitted for the country (VIGNA TAGLIANTI 2004). Species confirmed for Bosnia Herzegovina.

***Bembidion (Eurytrachelus) laticolle* (DUFTSCHMID 1812)**

C r o a t i a : "Klenak (Slavonien), 2 s. (MNHUB); "Osijek", 1 s. (NMW).

First record for Croatia.

***Bembidion (Hirmoplataphus) friebi* NETOLITZKY 1914**

C r o a t i a : "Slavonien Reitter", 1 s. (ZMAN).

First record for Croatia.

***Bembidion (Metallina) properans* (STEPHENS 1828)**

E u r o p e a n T u r k e y : "Constantinopolis", 1 s. (HNHM).

First record for European Turkey.

***Bembidion (Microserrullula) quadricolle* (MOTSCHULSKY 1844)**

B o s n i a H e r z e g o v i n a : "Nevesinje V. Zoufal", 1 s. (ZMAN).

E u r o p e a n T u r k e y : "Adrianopel. VI.94 Flach", 11 s. (NMW).

First record for Bosnia Herzegovina. *B. quadricolle* has been cited for European Turkey (NETOLITZKY 1942: 49), but recently left unmarked for the region (CATPAL 1: MARGGI et al. 2003: 251, VIGNA TAGLIANTI 2004). Confirmed for European Turkey.

***Bembidion (Notaphemphanes) ephippium* (MARSHAM 1802)**

C r o a t i a : "Dalmatia", 2 s. (NMW); "Istria Reitter", 1 s. (ZMAN); "Dalmatia" / "Coll. Priesner", 2 s. (NMW).

This species is confirmed for Croatia since it has been cited for the country (NOVAK 1952: 18, NOVAK 1970: 8), and after omitted (CATPAL 1: MARGGI et al. 2003: 253).

***Bembidion (Notaphus) varium* (OLIVIER 1795)**

E u r o p e a n T u r k e y : "Stambul, Turcia Biró, 1925.IV.10", 4 s. (HNHM).

B. varium has been cited for European Turkey (APFELBECK 1904: 85), but recently was unmarked for the region (CATPAL 1: MARGGI et al. 2003: 254). Species confirmed for European Turkey.

***Bembidion (Ocydromus) modestum* (FABRICIUS 1801)**

C r o a t i a : "Ilidže Željez. Spf", 3 s. (HNHM); "Zagreb Hochetlinger" / "Zagreb Savska nizina 1912 Cro.", 1 s. (ZMAN).

Listed for Croatia (HIEKE & WRASE 1988: 49), *B. modestum* was then omitted for the country (CATPAL 1: MARGGI et al. 2003: 255). Species confirmed for Croatia.

***Bembidion (Odontium) striatum* (FABRICIUS 1792)**

E u r o p e a n T u r k e y : "Adrianopel. VI.94 Flach", 6 s. (NMW; MNHUB).

Species confirmed for European Turkey as it has been noted for the region (NETOLITZKY 1918; PANIN 1942), but subsequently unmarked (CATPAL 1: MARGGI et al. 2003: 257).

***Bembidion (Omoperphus) hypocrita* ssp. *illyricum* NETOLITZKY 1918**

B u l g a r i a : "Sandanski d. 23.VI 1960 n. Strumiani... leg. A. Szujeci", 1 ♂ (MIZ).

MAŘAN (1933: 89) has noted this species for Bulgaria, but subsequently it was omitted for the country (GUÉORGUIEV & GUÉORGUIEV 1995). Species confirmed in Bulgaria.

***Bembidion (Peryphanes) brunnicorne* ssp. *brunnicorne* DEJEAN 1831**

E u r o p e a n T u r k e y : "Europ. Turkei", 1 s. (NMW).

First record for European Turkey.

***Bembidion (Peryphanes) castaneipenne* JACQUELIN DU VAL 1852**

E u r o p e a n T u r k e y : "Edirne, T. 7.54 leg. F. Schubert", 2 s. (NMW).

This species was noted for Turkey without exact data (APFELBECK 1904: 91), so the finding above represents first species mention from the European part of the country.

***Bembidion (Peryphanes) dalmatinum ssp. dalmatinum* DEJEAN 1831**

E u r o p e a n T u r k e y : "Edirne, T. 7.54 leg. F. Schubert", 1 s. (NMW).

APFELBECK (1904: 97) has cited *B. dalmatinum* for European Turkey, but recently it was left unmentioned for the area (CATPAL 1: MARGGI et al. 2003: 258). Species confirmed for European Turkey.

***Bembidion (Peryphanes) grandipenne ssp. grandipenne* SCHAUM 1862**

B u l g a r i a : "Bulgaria, Rila plan., Rilski man., ca 2000 m n p m 12.VIII.1959 leg. B. Burakowski, 1 ♀ (MIZ).

K o s o v o : "Zljob planina Montenegro mer.", 1 s. (NMW); "Albania Melčija" / "Akad. Balk. Exp. Csiki 1917", 1 s. (HNHM).

M o n t e n e g r o : "Vruja, Ursprung Montenegro mer." / "leg. Bischoff 1931 coll. A. Winkler", 2 s. (NMW); "Drin Orsk, Alb. Radavac, 15.8.31", 5 s. (NMW).

First record for Kosovo. New findings from Bulgaria and Montenegro.

***Bembidion (Peryphanes) stephensi ssp. stephensi* CROTCH 1866**

B u l g a r i a : "Shipka-Balkan Netolitzky", 1 s. (NMW); Osogovska Planina Mountain, Bistritsa River above Garlyano Village, 1400-1600 m, 7.X.1998, 1 s., moist riverside habitat, leg. B. Guéorguiev (NMNHS); Osogovska Planina Mountain, above Novo selo Village, place "Dve reki", 920-950 m, 12.IX.2008, 2 s., moist riverside habitat, leg. B. Guéorguiev (NMNHS).

This species has been cited for Bulgaria (HIEKE & WRASE 1988: 54, GUÉORGUIEV & GUÉORGUIEV 1995: 108; GUÉORGUIEV 1999: 71 as *B. stephensi stephensi* & *B. grandipenne grandipenne*, misidentification), but after that was omitted for the country (CATPAL 1: MARGGI et al. 2003: 259). *B. stephensi* is confirmed for Bulgaria.

***Bembidion (Peryphiolus) monticola ssp. monticola* STURM 1825**

M o n t e n e g r o : "Vruja, Ursprung Montenegro mer.", 7 s. (NMW).

First record for Montenegro.

***Bembidion (Peryphus) femoratum ssp. femoratum* STURM 1825**

B o s n i a H e r z e g o v i n a : "Brčka Bosna", 1 s. (HNHM); "Bosn. Apflb. Jaice Jezero", 1 s. (HNHM).

First records for Bosnia Herzegovina.

***Bembidion (Peryphus) incognitum* J. MÜLLER 1931**

B o s n i a H e r z e g o v i n a : "Bjelašnica Matzenauer", 1 s. (HNHM).

First record for Bosnia Herzegovina.

***Bembidion (Peryphus) persicum* MÉNÉTRIES 1832**

Ukraine: "Iaila-Gebirge Krim, Winkler", 1 s. (NMW).
First record for Ukraine.

***Bembidion (Philochthus) biguttatum* (FABRICIUS 1779)**

Croatia: "Croatia", 1 s. (ZMAN).
First record for Croatia.

***Bembidion (Philochthus) iricolor* BEDEL 1879**

Croatia: "L. Miller Dalmatia", 1 s. (ZMAN); "Ragusa Holdhaus", 1 s. (NMW).
First records for Croatia.

***Bembidion (Philochthus) subplagiatum* J.R. SAHLBERG 1908**

Asian Turkey: "S – Turkey 40 W Kilia 26.5.1987" / "Turkey – 1987 leg. Schönmann et Schillhamer", 2 s. (NMW); "TR 30.5.1987 W Cizze leg. Jäch (41)", 1 s. (NMW).
CASALE & VIGNA TAGLIANTI (1999: 367 as *Philochthus vicinus subplagiatum*) have cited this species for Anatolia, but after it was omitted for the region (CATPAL 1: MARGGI et al. 2003: 264). Species confirmed for Asian Turkey.

***Bembidion (Phyla) tethys* NETOLITZKY 1926**

Bulgaria: "SW-Bulgarien Umg. Roshen 17.-20.V.1981 leg. U. Göllner", 1 s. (MNHUB); "SW-Bulgarien Rozen b. Melnik 20. Maj 1981 leg. H. Wendt", 1 s. (MNHUB).
B. tethys has been cited for Bulgaria (HIEKE & WRASE 1988: 61), but then was omitted for the country (CATPAL 1: MARGGI et al. 2003: 265). Species confirmed for Bulgaria.

***Bembidion (Semicampa) schueppelii* DEJEAN 1831**

Bosnia Herzegovina: "Bosnia Reitter", 4 s. (HNHM); "Travnik" / "Daniel", 1 s. (HNHM).
Bulgaria: "Bulgarien Sliven Min. Bani 12.VIII.87 leg. Arndt", 1 s. (MNHUB).
First records for Bosnia Herzegovina and Bulgaria, which for the time being mark the southernmost boundary of the species distribution.

***Bembidion (Trepanes) maculatum* ssp. *maculatum* DEJEAN 1831**

Asian Turkey: "Smyrna 17.3.1871", 2 s. (MNHUB); "Klein Asien Goek-Dagh v. Bode-meyer", 1 s. (NMW); "Prov. Birecik Euphratufer bei Haifesi, 27.5." / "Turkey – 1987 leg. Schönmann et Schillhamer", 1 s. (NMW).
CASALE & VIGNA TAGLIANTI (1999: 367 as *Leja maculata*) have listed it for Asian Turkey, but subsequently it was left unmentioned for this region (CATPAL 1: MARGGI et al. 2003: 270). *B. maculatum* confirmed for Asian Turkey.

Genus *Ocys* STEPHENS 1829

Ocys quinquestriatus ssp. *berytensis* (NETOLITZKY 1917)

A s i a n T u r k e y : "Asia minor Güllek-Derbend v. Bodemeyer", 1 s. (MNHUB).

CASALE & VIGNA TAGLIANTI (1999: 370) have noted this species for Asian Turkey, but after *O. quinquestriatus* was omitted for the region (CATPAL 1: MARGGI et al. 2003: 273). Species confirmed for Asian Turkey.

Genus *Sinechostictus* MOTSCHULSKY 1864

Sinechostictus (Pseudolimnaeum) doderoi (GANGLBAUER 1891)

B o s n i a H e r z e g o v i n a : "Sarajevo Matzenauer", 1 s. (NMW); "Ivan pl. bei Sarajevo", 1 s. (NMW) / "Bosnia Pazaric 1929. X. 15." / "coll. Dr. J. Fodor", 1 s. (HNHM); "Bosnia, Pazarić 1933. V. 9. leg. Dr. J. Fodor", 1 s. (HNHM).

First records for Bosnia Herzegovina.

Sinechostictus (s.str.) *millerianus* (HEYDEN 1883)

C r o a t i a : "Croatia Reitter", 2 s. (ZMAN).

This species was recorded for Croatia long ago (JAKOBSON 1907a: 287). Recently, it was left unmarked for the country (CATPAL 1: MARGGI et al. 2003: 268 as *Bembidion millerianum*), so here *S. millerianum* is confirmed for Croatia.

Sinechostictus (s.str.) *moschatus* (PEYRON 1858)

B u l g a r i a : Petrich Town env., 19.V.1996, 1 s., leg. V. Sakalian (NMNHS).

First record for the Balkan Peninsula and for Bulgaria.

Sinechostictus (s.str.) *tarsicum* (PEYRON 1858)

B u l g a r i a : "Bulgaria Дикили-таш – Dikili Tasz ad Varna 13.VIII.1950 leg. M. Mroczkowski", 2 s. (MIZ); "Bulgaria Дикили-таш – Dikili Tasz ad Varna VIII. leg. A. Riedel. 1950.", 2 s. (MIZ); "Bulgaria Хвойна Hvojna ad Plovdiv. 15.IX.1950 leg. M. Mroczkowski", 1 s. (MIZ); "Bulgaria, Strandža, Gramatikovo 21.VIII.1959 leg. B. Burakowski", 1 s. (MIZ); "Bulgaria Goce Delczew 20-21.VI.1960 leg. A. Szujceki", 1 s. (MIZ); "Bulgaria, Strandža, Gramatikovo 29-30.VI.1960 leg. A. Szujceki", 1 s. (MIZ); "Bulgaria, Rodopi Momčilgrad, 18.X.1963 leg. R. Bielawski", 1 ♀ (MIZ).

Species cited for Bulgaria (HIEKE & WRASE 1988: 56 as *Bembidion elongatum* DEJEAN; GUÉORGUIEV & GUÉORGUIEV 1995: 103-104 as *B. elongatum tarsicum*). Since recently it was omitted for the country (CATPAL 1: MARGGI et al. 2003: 267 as *B. elongatum tarsicum*), the new findings above confirm its presence in Bulgaria.

Subtribe *Tachyina* MOTSCHULSKY 1862

Genus *Paratachys* CASEY 1918

Paratachys bistriatus (DUFTSCHMID 1812)

European Turkey: "Stambul Turcia Biró 1925 VI.20", 1 s. (HNHM).

APFELBECK (1904: 117 as *Tachys bistriatus*) cited this species for European Turkey, but indication for this region is missing in CATPAL 1 (KOPECKÝ 2003: 275 as *Tachys bistriatus*). Species confirmed for European Turkey.

Genus *Porotachys* NETOLITZKY 1914

Porotachys ottomanus SCHWEIGER 1968

European Turkey: "Stambul Turcia Biró, 1925 V.11.", 2 s. (HNHM).

First record for European Turkey. COULON & WRASE (2009) demonstrated that this species has wider distribution than previously expected.

Genus *Tachyta* KIRBY 1837

Tachyta (s.str.) *nana* ssp. *nana* (GYLLENHAL 1810)

Croatia: "Croatia Reitter", 1 s. (HNHM); "Zagreb Hochetlinger", 3 s. (MIZ).

First records for Croatia.

Genus *Tachyura* MOTSCHULSKY 1862

Tachyura (s.str.) *diabrachys* (KOLENATI 1845)

Bosnia Herzegovina: "Apfelbeck Ilidže", 2 s. (HNHM); "Sarajevo Hochw.", 2 s. (HNHM); "Herzegovina Dr. Verhoeff April 1900", 1 s. (MNHUB); "Apfelbeck Ilidže", 2 s. (HNHM); "No 286 Herzegovina Žitomišlić 13.6.11. Schumacher-Spaney S.V.", 1 s. (MNHUB); "Sarajevo Hichw.", 2 s. (HNHM); "Scheibel Bosn. Majevisa plan.", 1 s. (MNHUB).

Montenegro: "Apfelbeck Kattaro", 1 s. (HNHM); "Mustajbeg Rjeka", 1 s. (HNHM).

HIEKE & WRASE (1988: 65 as *Tachys diabrachys*) cited this species for Bosnia Herzegovina and Montenegro. As there are no indications for both countries in CATPAL 1 (KOPECKÝ 2003: 279), *Tachyura diabrachys* is here confirmed for these countries.

Tachyura (s.str.) *parvula* (DEJEAN 1831)

Asian Turkey: "Brussa", 1 s. (HNHM); "Smyrna", 2 s. (MNHUB).

This species has been cited for Anatolia (CASALE & VIGNA TAGLIANTI, 1999: 371), but recently was omitted for the region (CATPAL 1: KOPECKÝ 2003: 279). *T. parvula* is confirmed for Asian Turkey.

Tachyura (s.str.) quadrisignata (DUFTSCHMID 1812)

C r o a t i a : "Castelnuovo Holdhaus", 2 s. (NMW).

First record for Croatia.

Tachyura (s.str.) walkeriana ssp. walkeriana (SHARP 1913)

B o s n i a H e r z e g o v i n a : "Trebinje Umg. Herz., Linser", 1 s. (MIZ).

First record for Bosnia Herzegovina.

Tribe P o g o n i n i LAPORTE 1834

Genus *Pogonistes* CHAUDOIR 1871

***Pogonistes convexicollis* CHAUDOIR 1871**

R o m a n i a : "Rumänien Balia Alba 1.7.17 W. Liebmann Arnstadt Thür", 2 s. (MNHUB).

This species has been noted for Romania (HIEKE & WRASE 1988: 67), but then omitted for the county (CATPAL 1: BOUSQUET 2003b: 286). Species confirmed for Romania.

***Pogonistes rufoaeneus* (DEJEAN 1828)**

B o s n i a H e r z e g o v i n a : "Bosnia", 1 s. (ZMAN); "Bosnia Kelecsenyi.", 1 s. (ZMAN).

First records for Bosnia Herzegovina.

***Pogonistes testaceus ssp. graecus* (APFELBECK 1904)**

B u l g a r i a : "Bulgaria Burgas 6.V.1958 leg. B. Pisarski", 3 s. (MIZ); "Bulgaria, Burgas, Atanas-Kaojsko ez. 22.VIII.1959 leg. B. Burakowski", 1 s. (MIZ).

A s i a n T u r k e y : "Lydia As. Min.", 1 s. (NMW).

First records of *P. testaceus* (DEJEAN 1828) for Bulgaria. Since CASALE & VIGNA TAGLIANTI (1999: 374) have cited the species for Anatolia as "doubtful or presumable, but not confirmed", *P. testaceus* is here confirmed for the last region.

Genus *Pogonus* DEJEAN 1821

***Pogonus (s.str.) luridipennis* (GERMAR 1823)**

C r o a t i a : "Istria", 3 s. (HNHM).

A s i a n T u r k e y : "Lederer" / "Amasia", 1 s. (MNHUB); "Ankara 1937.V.", 1 s. (HNHM); "25.VI.1969 Asia min. Tuz Gölü N.F. Kasy leg.", 2 s. (NMW).

Cited for Croatia (HIEKE & WRASE 1988: 67), but then omitted for the country (CATPAL 1: BOUSQUET 2003b: 287). Listed for Anatolia as "doubtful or presumable, but not confirmed" (CASALE & VIGNA TAGLIANTI 1999: 374). *P. luridipennis* is confirmed for Croatia and Asian Turkey.

***Pogonus (s.str.) orientalis ssp. orientalis* DEJEAN 1828**

R o m a n i a : "Babadagh-See, Dobrudsch.", 1 s. (HNHM).

New record for Romania (for first mention see WRASE 2009).

Tribe T r e c h i n i BONELLI 1810

Subtribe T r e c h i n a BONELLI 1810

Genus *Blemus* DEJEAN 1821

***Blemus discus ssp. discus* (FABRICIUS 1792)**

B o s n i a H e r z e g o v i n a : "Zavidovič 1905, VII/27. Kendi", 1 s. (HNHM).

First record for Bosnia Herzegovina.

Genus *Trechus* CLAIRVILLE 1806

***Trechus (Epaphius) secalis ssp. secalis* (PAYKULL 1790)**

B o s n i a H e r z e g o v i n a : "Bosnien. Grunack", 1 s. (MNHUB).

First record for Bosnia Herzegovina.

***Trechus (s.str.) subacuminatus* A. FLEISCHER 1898**

B u l g a r i a : Erma Gorge at the foots of the Rui Mountain, 685 m, 5 km N of Trăn Town, 2.XII.2006-18.IV.2007, 1♂, S. Lazarov leg. (NMNHS).

First record for Bulgaria. *Trechus subacuminatus* is a quite rare and localized ground beetle. Together with *T. austriacus* DEJEAN 1831 and *T. crucifer* POICHARD DE LA BRÛLERIE 1876, it is member of the "*austriacus*" group (JEANNEL 1927). This species complex has limited distribution in the Eastern Mediterranean. *T. acuminatus* has been described from the Ossa Mountain (Central Greece) and after that recorded from Asian Turkey, Syria, the island of Kefalonia (JEANNEL 1927), Central and South Greece (MORAVEC & ZIERIS 1998). The finding at Erma Gorge marks the northernmost known locality of the species. The only specimen was collected in MSS (underground) trap placed in limestone slope.

Subfamily H a r p a l i n a e BONELLI 1810

Tribe C h l a e n i n i BRULLE 1834

Subtribe C h l a e n i n a BRULLE 1834

Genus *Chlaenius* BONELLI 1810

***Chlaenius (Agostenus) costulatus* (MOTSCHULSKY 1859)**

S c h w i t z e r l a n d : "Schweiz", 2 s. (MNHUB).

Rather old, without precise locality and somewhat questionable, it is the first and only record that I know from Switzerland. *C. costulatus* is an extremely rare species, which became extinct everywhere (KIELHORN 2005).

***Chlaenius (Agostenus) sulcicollis* (PAYKULL 1798)**

A s i a n T u r k e y : "Asia minor Taurus Cilic. 1895 Holtz", 1 s. (MNHUB).

Despite quite old, it is the first record for this species that I know from Asian Turkey. Like the preceding species, *C. sulcicollis* is an extremely rare and endangered species, which became extinct in many parts of its range (TRAUTNER & RIETZE 2000).

***Chlaenius (Amblygenius) dimidiatus* CHAUDOIR 1842**

I r a q : "Assur Mesopot. Coll. F. Hauser", 4 s. (NMW); "23.V.1963 Bakuba, NO v. Bagdad, Iraq Kasy & Vartian", 1 s. (NMW).

L e b a n o n : "Beyruth, Syr. Coll. Winkler", 3 s. (NMW).

First records for Iraq and Lebanon.

***Chlaenius (Chlaeniellus) nitidulus* (SCHRANK 1781)**

K o s o v o : "Reka 10 km NW v. Kačanik 7-VIII-1965" / "Yugoslavija Srbija Ent. Exe. Zoöl. Mus.", 2 ♀♀ (ZMAN).

First record for Kosovo.

***Chlaenius (Chlaeniellus) terminatus* DEJEAN 1826**

B o s n i a H e r z e g o v i n a : "Herzegovina", 1 s. (ZMAN); "Herzegovina Kelecsenyi.", 1 s. (ZMAN).

C r o a t i a : "Dalmatia Metkovich", 3 s. (NMW).

Noted for Croatia (NOVAK 1952: 25), but later left unmarked for the country (CATPAL 1: KIRSCHENHOFER 2003: 350). Species confirmed for Croatia.

***Chlaenius (Chlaeniellus) tristis* ssp. *tristis* (SCHALLER 1783)**

R o m a n i a : "Dobrudscha Tiganca 15.VI.25 Heinrich V.", 1 s. (MNHUB); "Romania Tulcea" / "1959.VII.26 Dr. Gozmány", 1 s. (HNHM).

I r a n : "Elbrus Geb. Persien Rtrtr.", 2 s. (NMW); "Elbrus-Gebirge Iran, Nord-Persien B. v. Bodemeyer", 1 s. (NMW); "Iran Azerbajdshan, Nowshaht 5 km östl. D. stad." / "...30.V.1976 Holzschuh leg.", 1 s. (NMW).

L e b a n o n : "12.V.1961 Libanon, 15 km O von Batrun Kasy & Vartian", 1 s. (NMW).

First records for Iran and Lebanon. Previously, this species was cited for Romania (SEIDLITZ 1888: 29, HIEKE & WRASE 1988: 148), but after that omitted for the country (CATPAL 1: KIRSCHENHOFER 2003: 350). *C. tristis* is confirmed for Romania.

***Chlaenius (Chlaeniellus) vestitus* (PAYKULL 1790)**

I s r a e l : "Israel, 15.4.81 Upper Galilee Dan leg. Wewalka 128", 1 s. (NMW).

L e b a n o n : "Beyruth, Syr. Coll. Winkler", 4 s. (NMW); "Djezin Libanon", 1 s. (NMW).

S y r i a : "Aleppo, Syr. Coll. Winkler", 6 s. (NMW).

First records for Lebanon and Syria. Species confirmed for Israel as it has been cited for the country (BODENHEIMER 1937, CHIKATUNOV et al. 1999), but after omitted (CATPAL 1: KIRSCHENHOFER 2003: 351).

***Chlaenius (s.str.) festivus ssp. festivus* (PANZER 1796)**

L e b a n o n : "Beyruth Syrien", 1 s. (NMW); "Beyruth, Syr. Coll. Plason", 8 s. (NMW); "Djezin Libanon", 1 s. (NMW); "Sidon April 1886. Pratt.", 1 s. (NMW); "Saida" / "Libanon Syria coll. Winkler", 5 s. (NMW).

First record for Lebanon.

***Chlaenius (Epomis) dejeanii* (DEJEAN 1831)**

R o m a n i a : "Roumanie Comana Vlasca A.L. Montandon", 2 s. (HNHM; NMW); "Tehir Ghjol Dobrudscha Rumänien", 2 s. (NMW).

I r a q : "Mesopotam. Assur 6.08.", 2 s. (NMW); "Centr. Mesopotamien r. Djirdjibufer Steppe 21.III.1913 Exp. V. Oppenheim, Kohl S.", 1 s. (MNHUB).

C. dejeani has been cited for Romania (HIEKE & WRASE 1988: 147) and Iraq (HOLDHAUS 1920: 40 as *C. dejeani* SOLIER sic!), but recently left unmentioned for both countries (CATPAL 1: KIRSCHENHOFER 2003: 353). Species confirmed for Romania and Iraq.

Tribe D r y p t i n i BONELLI 1810

Genus *Drypta* LATREILLE 1796

***Drypta (Deserida) distincta* (P. ROSSI 1792)**

C r o a t i a : "Dalmatia", 7 s. (MNHUB); "Dalmatien", 1 s. (MNHUB).

First record for Croatia.

Tribe H a r p a l i n i BONELLI 1810

Subtribe A n i s o d a c t y l i n a LACORDAIRE 1854

Genus *Anisodactylus* DEJEAN 1829

***Anisodactylus (Pseudanisodactylus) signatus* (PANZER 1796)**

A s i a n T u r k e y : "v. Bodemeyer Klein-Asien Bursa", 1 s. (MNHUB); "v. Bodemeyer Klein-Asien Umgeb. Konia", 1 s. (MNHUB).

This species has been cited for Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 387), but after omitted for the region (CATPAL 1: ITO 2003: 361). *A. signatus* is confirmed for Asian Turkey.

Genus *Diachromus* ERICHSON 1837

***Diachromus germanus* (LINNAEUS 1758)**

E u r o p e a n T u r k e y : "Belgrader Wald b. Konstantinopel 23.5.1926 Bischoff S.G.", 1 s. (MNHUB).

First record for European Turkey.

Genus *Gynandromorphus* DEJEAN 1829

***Gynandromorphus etruscus* ssp. *etruscus* (QUENSEL 1806)**

E u r o p e a n T u r k e y : "Kede Kai Konstantinopel coll Hajek", 1 s. (MNHUB).

This species was cited for European Turkey without exact data (APFELBECK 1904: 212), so the above finding represents first detailed record for this region.

Genus *Scybalicus* SCHAUM 1862

***Scybalicus oblongiusculus* (DEJEAN 1829)**

E u r o p e a n T u r k e y : "A. d. Sammlung Dr. Chr. Schröder europ. Türkei", 1 s. (MNHUB).

This species was cited for European Turkey without exact data (HIEKE & WRASE 1988: 112), so the above finding is the first detailed record for this region.

Subtribe *Ditonia* BONELLI 1810

Genus *Carterus* DEJEAN 1830

***Carterus* (s.str.) *gilvipes* (PIOCHARD DE LA BRULERIE 1873)**

E u r o p e a n T u r k e y : "Turcia, Stambul E. Horvath, 1925", 1 s. (HNHM).

First record for European Turkey.

***Carterus* (s.str.) *rufipes* (CHAUDOIR 1843)**

E u r o p e a n T u r k e y : "Constantinopel", 1 s. (MIZ).

First record for European Turkey.

Genus *Ditonus* BONELLI 1810

***Ditonus calydonius* ssp. *calydonius* (P. ROSSI 1790)**

R o m a n i a : "Dobroudja. Mangalia, A.L. Montandon.", 1 s. (MIZ).

First record for Romania.

Genus *Dixus* BILLBERG 1820

***Dixus clypeatus* (P. ROSSI 1790)**

E u r o p e a n T u r k e y : "Constantinopel V.1898 W. Gottwald S.V.", 1 s. (MNHUB); "Chalkali b. Konstantinopel 26.5.1926 Bischoff S.G.", 1 s. (MNHUB).

First records for European Turkey.

***Dixus obscurus* (DEJEAN 1825)**

E u r o p e a n T u r k e y : "Stambul, Turcia Biró 1925.VI 20", 1 s. (HNHM); "Istanbul" / "Baner 68 Turkey", 1 s. (NMW).

First records for European Turkey.

Genus *Penthus* CHAUDOIR 1843

***Penthus tenebrioides* (WALTL 1838)**

I r a n : "S-Iran 1.5.1972 40 km S Makou leg. Pietzmann" / "Iran-Expedition 1972 Naturhist. Mus. Wien Pietzmann/Blek/Ressl", 1 s. (NMW).

Second record for Iran (for first mention see WRASE 2005).

Subtribe *Harpalina* BONELLI 1810

Genus *Acinopus* DEJEAN 1821

***Acinopus (Osimus) ammophilus* DEJEAN 1829**

C r o a t i a : "Dalmatien" (MIZ).

First record for Croatia.

Genus *Harpalus* LATREILLE 1802

***Harpalus (s.str.) albanicus* REITTER 1900**

A s i a n T u r k e y : "Skutari" / "coll. Reitter", syntype ♀ (HNHM); "Ankara 1957.V." / "leg. dr. Vasvári", 1 s. (HNHM).

This species has been noted for Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 392), but after omitted for the region (CATPAL 1: KATAEV & WRASE 2003: 372). In fact, Scutari (a Greek name for an Asian district of Istanbul now known as Üsküdar and located on the Asian shore of the Bosphorus) is the type locality of this species. The data above confirms the presence of *H. albanicus* in Asian Turkey.

***Harpalus (s.str.) hospes* ssp. *hospes* STURM 1818**

B o s n i a H e r z e g o v i n a : "Bosnia E. Bokor", 1 s. (HNHM).

First record for Bosnia Herzegovina.

***Harpalus (s.str.) picipennis* (DUFTSCHMID 1812)**

C r o a t i a : "Dalmatia Knin, Csiki", 1 s. (HNHM).

H. picipennis has been cited for Croatia (NOVAK 1952: 33), but later omitted for the country (CATPAL 1: KATAEV & WRASE 2003: 380). Species confirmed for Croatia.

***Harpalus (s.str.) pumilus* STURM 1818**

M o n t e n e g r o : "Cetinje Jugosl. 29.5.1970 Dr. P. Schurmann", 1 s. (NMW).

First record for Montenegro.

***Harpalus (s.str.) zabroides* DEJEAN 1829**

C r o a t i a : "Dalmatia coll. Lichtn.", 1 s. (HNHM).

First record for Croatia.

Genus *Ophonus* DEJEAN 1821

***Ophonus (Hesperophonus) similis* (DEJEAN 1829)**

B o s n i a H e r z e g o v i n a : "Mostarsko blato VI, Zoufal.", 1 s. (MNHUB).

First record for Bosnia Herzegovina.

***Ophonus (Metophonus) cordatus* (DUFTSCHMID 1812)**

M o n t e n e g r o : "Zabljak, Mont. 6.VII.1958" / "Podgora 1400 m" / "leg. Kaszab & Székessy", 8 s. (HNHM).

First record for Montenegro.

***Ophonus (Metophonus) gammeli* (SCHAUBERGER 1932)**

K o s o v o : "Albania Ipek" / "Akad. Balk. Exp. Csiki 1917", 1 s. (HNHM).

First record for Kosovo.

***Ophonus (Metophonus) laticollis* MANNERHEIM 1825**

E u r o p e a n T u r k e y : "Belg. Wald. T. 1-7.VII.54 leg. F. Schubert", 1 s. (NMW).

First record for European Turkey.

***Ophonus (Metophonus) subsinuatus* REY 1886**

B u l g a r i a : "Nordost-Bulgarien Iwanski b. Schumen leg. 14.-28.7.1969 Entom. Fachgr. Gera", 1 ♂, det. Wrase, det. Sciaky (MNHUB); Ivanski near Schumen, 15-30.VII.1969, 1 ♂, Wallis leg. (cWR); Ahtopol, 15.-21.VII.1984, U. Arnold leg., 1 ♂ (cWR); Sandanski, 16.VII.1985, 2 ♂ ♂, 1 ♀, A.Pütz leg. (cWR); Sandanski, 12.-24.VII.1985, ca 300 m, A. Schröder leg., 1 ♂ (cWR).

This species has been cited for Bulgaria (HIEKE & WRASE 1998: 125) from Sandanski and Ahtopol. Above, more detailed data for these records as well additional findings are given.

***Ophonus (s.str.) ardosiacus* (LUTSHNIK 1922)**

E u r o p e a n T u r k e y : "Belg. Wald. T. 1-7.VII.54 leg. F. Schubert", 1 s. (NMW).
First record for European Turkey.

***Ophonus (s.str.) franziniorum* SCIAKY 1987**

E u r o p e a n T u r k e y : "Belg. Wald. T. 1-7.VII.54 leg. F. Schubert", 2 s. (NMW).
First record for European Turkey.

Genus *Parophonus* GANGLBAUER 1891

***Parophonus (Ophonomimus) hirsutulus* (DEJEAN 1829)**

B o s n i a H e r z e g o v i n a : "Apfelb. 02 Utovo-bl.", 1 s. (HNHM).
First record for Bosnia Herzegovina.

Subtribe *Stenolophina* KIRBY 1837

Genus *Anthracus* MOTSCHULSKY 1850

***Anthracus consputus* (DUFTSCHMID 1812)**

M o n t e n e g r o : "Crna Gora, Micalic 1934. VII. 6. leg. Dr. J. Fodor", 1 s. (HNHM).
First record for Montenegro.

Genus *Dicheirotrichus* JAQUELIN DU VAL 1857

***Dicheirotrichus (Trichocellus) discicollis* (DEJEAN 1829)**

B u l g a r i a : East Bulgaria, Beloslav 6.-14.VII.1987, 1♂, 3♀, leg. P. Bulirsch, det. B. Kataev (cWR).
R o m a n i a : "RSR Istria 20.V.1989 J. Bašte", 1 s. (cWR).

For the first time this species was cited for the Balkan Peninsula from Bulgaria as *Trichocellus* sp. with supposition that most likely it is *T. discicollis* (WRASE 1991: 13). In 1994, the identification of D.W. Wrase was confirmed by B. Kataev (D.W. Wrase personal communication). Since recently the species was noted for Bulgaria and Romania without exact data (CATPAL 1: JAEGER & KATAEV 2003: 403), here it is firstly noted with detailed data for both countries.

Tribe *Lebini* BONELLI 1810

Subtribe *Cymindina* LAPORTE 1834

Genus *Cymindis* LATREILLE 1806

***Cymindis (s.str.) humeralis* (GEOFFROY 1785)**

K o s o v o : "Alban. Exp. 1918 Prizren 16.V.", 1 s. (NMW).
First record for Kosovo.

***Cymindis (s.str.) lineata* (QUENSEL 1806)**

R o m a n i a : "Mangalia Dobrutscha, Breit", 2 s. (NMW); "Dobrudscha Tschernavoda 20.10.18 Spaney S.V.", 1 s. (MNHUB).

C. lineata has been noted for Romania (HIEKE & WRASE 1988: 162, NITZU 2001: 168), but then omitted for the country (CATPAL 1: KABAK 2003: 413). Species confirmed for Romania.

***Cymindis (s.str.) lineola* L. DUFOUR 1820**

C r o a t i a : "Dalmatia Dugo Polje", 3 s. (NMW); "Sturany 91 Zara Vecch.", 4 s. (NMW); "Dalmatia Knin. Csiki", 2 s. (HNHM); "Dalmatia Csiki. 1906" / "Spalato Mt. Marjan", 1 s. (HNHM).

M o n t e n e g r o : "Montenegro Podgorica", 10 s. (HNHM); "Krivosije Paganetti", 1 s. (NMW).

First records for Croatia and Montenegro.

***Cymindis (s.str.) ornata* FISCHER VON WALDHEIM 1823**

E u r o p e a n T u r k e y : "Constantinopol Sureya", 1 s. (HNHM); "Sicora 84 Constantinop.", 3 s. (NMW).

CSIKI (1932: 1477) cited this species from "Rumelien", European Turkey, without exact locality (HIEKE & WRASE 1988: 161). Here, first detailed records from this region are given.

***Cymindis (s.str.) scapularis* ssp. *scapularis* SCHAUM 1857**

A s i a n T u r k e y : "Turquie (Kastamonu) Ilgaz dağlari Col d'Ilgaz 1775 m 24.V.1989 leg. E. Jiroux", 4 s. (MNHUB).

C. scapularis has been cited for Asian Turkey (CASALE & VIGNA TAGLIANTI 1999: 396), but then omitted for the region (CATPAL 1: KABAK 2003: 414). Species confirmed for Asian Turkey.

***Cymindis (Menas) miliaris* (FABRICIUS 1801)**

R o m a n i a : "Mangalia Dobrutscha, Breit", 2 s. (NMW); "Dobroudja Ester A.L. Montandon", 5 s. (HNHM; NMW).

E u r o p e a n T u r k e y : "Kuru-Dagh bei Saros 3.V.913 Dr. I. Buresch", 1 s. (NMNHS).

First record for European Turkey. *C. miliaris* is confirmed for Romania as previously it was noted for this country (SEIDLITZ 1888: 26), but recently omitted (CATPAL 1: KABAK 2003: 415).

***Cymindis (Tarsostinus) macularis* FISCHER VON WALDHEIM 1824**

C r o a t i a : "Dalmatia Karaman", 2♀ (MNHUB).

C. maculatus is confirmed for Croatia as formerly it was noted for this country (JAKOBSON 1907c: 405), but recently omitted (CATPAL 1: KABAK 2003: 417).

Subtribe *Demetriadina* BATES 1886

Genus *Demetrias* BONELLI 1810

***Demetrias (Aetophorus) imperialis* (GERMAR 1824)**

C r o a t i a : "Dalmatia Reitter", 2 s. (HNHM); "Dalmatia Ragusa Reitter", 1 s. (HNHM).
First records for Croatia.

***Demetrias (s.str.) atricapillus* (LINNAEUS 1758)**

S l o v e n i a : "Slowenien, 9 km SO v. Piran 25.6.1981 leg. F. Hieke", 1 s. (MNHUB).
R o m a n i a : "Transsylv.", 1 s. (MNHUB).

This species has been cited for Slovenia (DROVENIK & PEKS 1999: 113) and Romania (SEIDLITZ 1888: 23, HIEKE & WRASE 1988: 155), but subsequently was omitted for them (CATPAL 1: KABAK 2003: 419). *D. atricapillus* is here confirmed for both countries.

Subtribe *Dromiina* BONELLI 1810

Genus *Dromius* BONELLI 1810

***Dromius (s.str.) agilis* (FABRICIUS 1787)**

R o m a n i a : "N. Siebenbürgen 42 Kuhhornhütte 1500 m 7.VII.43 Bischoff S.G.", 1 s. (MNHUB).
This species is confirmed for Romania as it has been noted for this country (SEIDLITZ 1888: 24, HIEKE & WRASE 1988: 156), but then left unmarked (CATPAL 1: KABAK 2003: 419).

***Dromius (s.str.) fenestratus* (FABRICIUS 1794)**

B o s n i a H e r z e g o v i n a : "Sarajevo Apfelbeck", 3 s. (HNHM).
First record for Bosnia Herzegovina.

***Dromius (s.str.) quadrimaculatus* (LINNAEUS 1758)**

C r o a t i a : "Croatien Gospić Reitter 79.", 1 s. (HNHM); "Satorina 1624 m Croatia Meusel 30.6.10.", 1 s. (MNHUB).
R o m a n i a : "Transsylvania Abrud, leg. Irk", 1 s. (NMW); "Ganglb. 95 Herkulesbad", 1 s. (NMW).
D. quadrimaculatus has been listed for Croatia (HIEKE & WRASE 1988: 156 as *D. quadrinotatus* PANZER) and Romania (SEIDLITZ 1888: 23), but subsequently omitted for these countries (CATPAL 1: KABAK 2003: 420). Species confirmed for both countries.

Genus *Microlestes* SCHMIDT-GÖBEL 1846

***Microlestes fissuralis* (REITTER 1901)**

E u r o p e a n T u r k e y : "Kadi Keni. Constantinople V.M. Duchton", 1 s. (MNHUB).

R o m a n i a : "Banat Herkulesbad...V.22. Mart. Hering S.G.", 1 s. (MNHUB).

This species was noted for European Turkey and Romania (JAKOBSON 1907c: 402), but after that omitted for them (CATPAL 1: KABAK 2003: 422). *M. fissuralis* is confirmed for both regions.

***Microlestes fulvibasis* (REITTER 1901)**

E u r o p e a n T u r k e y : "Kadi Keni. Constantinople V.M. Duchton", 1 s. (MNHUB).

First record for European Turkey.

Genus *Paradromius* FOWLER 1887

***Paradromius (Manodromius) linearis* ssp. *linearis* (OLIVIER 1795)**

E u r o p e a n T u r k e y : "Istanbul IX.1955" / "Dr. H. Priesner", 2 s. (NMW).

M a l t a : "Malta, Saint Julian's 23.-24.XI.1993 leg. U. Göllner", 1 s. (MNHUB).

R o m a n i a : "Herkulesbad Prolas Sihluht 12.8.33.", 3 s. (MNHUB).

I r a n : "Pers. Kopet-Dagh Siaret 1160 m", 1 s. (MNHUB); "Kopet-Dagh Germab", 1 s. (MNHUB).

First records for Malta and Iran. The species is as well confirmed for both Romania and European Turkey, as previously was cited for both (SEIDLITZ 1888: 23 as *Dromius linearis*; APFELBECK 1904: 336 as *Dromius linearis*; HIEKE & WRASE 1988: 155 as *Dromius linearis*), but after that omitted (CATPAL 1: KABAK 2003: 424).

***Paradromius (s.str.) longiceps* (DEJEAN 1826)**

A s i a n T u r k e y : "19.V.69. Asia min., Taurus 50 km N. v. Tarsus F. Kasy", 1 s. (NMW).

First record for Asian Turkey.

Genus *Philorhizus* HOPE 1838

***Philorhizus crucifer* ssp. *crucifer* (LUCAS 1846)**

C r o a t i a : "Croatien Velebit Reitter 79.", 1 syntype of *Dromius stolzi* Reitter 1905 (HNHM).

S l o v e n i a : "Jugosl.: Istria bei Piran 22.VIII.1989 leg. U. Göllner", 1 s. (MNHUB).

First record for Slovenia. In 1905, Reitter described *Dromius stolzi* and noted Croatia among the regions where this form was found (REITTER 1905: 239). At present this taxon is synonym of *P. crucifer*, and as there is no indication for Croatia in CATPAL 1 (KABAK 2003: 425) the above finding confirms the species presence in this country.

***Philorhizus notatus* (STEPHENS 1827)**

T u r k m e n i s t a n : "Turkm. Kopet Dag Bach 6 km NO v. Tschuli b. Firjusa, 18.9.1976 leg. F. Hieke", 1 s. (MNHUB).

First record for Turkmenistan.

Subtribe *Lebina* BONELLI 1810

Genus *Lebia* LATREILLE 1802

***Lebia (Lampryas) chlorocephala* (J.J. HOFFMANN 1803)**

Montenegro: "Yugoslavia: Biogradsko Jezero, Montenegro.el. 1100 m. 4-7.VIII.1967 leg. B. Malkin", 1 s. (MIZ).

Romania: "Transsylvania Abrut, leg. Irk", 1 s. (NMW).

First record for Montenegro. The species is confirmed for Romania since formerly it was listed for this country (SEIDLITZ 1888: 24; JAKOBSON 1907b: 397; HIEKE & WRASE 1988: 154), but subsequently omitted (CATPAL 1: KABAK 2003: 427).

***Lebia (s.str.) marginata* (GEOFFROY 1785)**

Croatia: "Dalmatia", 2 s. (HNHM).

L. marginata is confirmed for Croatia as previously it was pointed out for this country (JAKOBSON 1907b: 397), but subsequently omitted (CATPAL 1: KABAK 2003: 429).

***Lebia (s.str.) trimaculata* (VILLERS 1789)**

Montenegro: "Kelecsényi Cattaro", 1 s. (MNHUB).

Iran: "Iran, Golhak 1400 m bei Teheran VI-VIII.1961 leg. J. Klapperich", 3 s. (HNHM).

First records for Montenegro and Iran.

Subtribe *Lionychina* JEANNEL 1948

Genus *Apristus* CHAUDOIR 1846

***Apristus subaeneus* CHAUDOIR 1846**

Romania: "Turn-Severin Netolitzky", 2 s. (NMW).

First record for Romania.

Genus *Syntomus* HOPE 1838

***Syntomus obscuroguttatus* (DUFTSCHMID 1812)**

European Turkey: "Constantinopel Belgrader Wald.", 2 s. (HNHM).

Romania: "Dobrudscha Tschernavoda 20.10.18 Spaney S.V.", 2 s. (MNHUB).

First record for European Turkey. *S. obscuroguttatus* has been cited for Romania (SEIDLITZ 1888: 25 as *Metabletus obscuroguttatus*), but recently was omitted for this country (CATPAL 1: KABAK 2003: 433). The above finding confirmed the species presence in Romania.

***Syntomus pallipes* (DEJEAN 1825)**

European Turkey: "Stambul, Turcia Biró, 1925.V.11.", 3 s. (HNHM).

M o n t e n e g r o : "Montenegro, cave "Sirbaba", 940 m near Podkita, distr. Nikšić, 28.III.2006, B. Petrov & S. Lazarov", 1 s. (NMNHS).

First records for European Turkey and Montenegro.

Tribe L i c i n i n i BONELLI 1810

Subtribe L i c i n i n a BONELLI 1810

Genus *Badister* CLAIRVILLE 1806

***Badister* (s.str.) *lacertosus* STURM 1815**

B o s n i a H e r z e g o v i n a : "Apfelb. Sarajevo", 4 s. (HNHM).

C r o a t i a : "Castelnuovo", 1 s. (MNHUB).

First records for Bosnia Herzegovina and Croatia.

***Badister* (s.str.) *meridionalis* PUEL 1925**

C r o a t i a : "Gunja a. Save leg. Bischoff 1929", 5 s. (MNHUB); "Račinovci a. Save leg. Bischoff 1930", 2 s. (MNHUB).

First records for Croatia.

***Badister* (s.str.) *unipustulatus* BONELLI 1813**

C r o a t i a : "Budua Dalmatia V.M. Duchtoň", 1 s. (NMW); "V.M. Duchtoň Zara Dalmatia 1898", 1 s. (NMW); "Dalmatia, Zelenika 1928.XII. leg. Dr. J. Fodor", 1 s. (HNHM).

First records for Croatia.

***Badister* (*Baudia*) *collaris* MOTSCHULSKY 1844**

R o m a n i a : "Herkulesbad", 1 s. (MNHUB); "Herkulesbad Mosoroni 16.6.32.", 1 s. (MNHUB).

This species was noted for Romania (HIEKE & WRASE 1988: 151 as *B. anomalus* PERRIS), but subsequently omitted for the country (CATPAL 1: BAEHR 2003: 440). *B. collaris* is confirmed for Romania.

***Badister* (*Baudia*) *dilatatus* CHAUDOIR 1837**

A s i a n T u r k e y : "Smyrna", 1 s. (MNHUB); "Turkiye Adana J.H. Donner" / "Deveçiusage Camlik dalyani 10-17.V.1987", 1 s. (ZMAN); "5.7.1980 Adana Balcal. H. Kasay", 1 s. (MNHUB).

B. dilatatus is here confirmed for Asian Turkey since previously it was listed for this region as "doubtful or presumable, but not confirmed" CASALE & VIGNA TAGLIANTI (1999: 394).

Genus *Licinus* LATREILLE 1802

***Licinus* (s.str.) *graecus* APFELBECK 1901**

B u l g a r i a : "Sliven P. Tschorbadjjeff", 1 ♀ (NMNHS); "East Rhodopes Dzhanka Village, soil traps IV-V.2009, R. Bekchiev leg.", 1 ♂ (NMNHS).

First records for Bulgaria.

Tribe P l a t y n i n i BONELLI 1810

Genus *Agonum* BONELLI 1810

***Agonum* (s.str.) *antennarium* (DUFTSCHMID 1812)**

C r o a t i a : "Morovič Slavon. VI. Zoufal", 1 s. (NMW).

A. antennarium has been cited for Croatia (JAKOBSON 1907b: 332), but recently was omitted for it (CATPAL 1: BOUSQUET 2003c: 452). Species confirmed for Croatia.

***Agonum* (s.str.) *muelleri* (HERBST 1784)**

R o m a n i a : "Rüman., 15.6.1971 Bucegi-Gebirge leg. Ilchmann", 4 s. (MNHUB).

A. muelleri is confirmed for Romania as formerly was noted for the country (SEIDLITZ 1888: 35 as *Anchomenus parumpunctatus* FABRICIUS; HIEKE & WRASE 1988: 85), but left unmentioned in CATPAL 1 (BOUSQUET 2003c: 451).

***Agonum* (*Europhilus*) *fuliginosum* (PANZER 1809)**

C r o a t i a : "Slavonia", 1 s. (HNHM).

First record for Croatia.

***Agonum* (*Europhilus*) *micans* (NICOLAI 1822)**

R o m a n i a : "Romania Ó-Moldova" / "1959.VII.20 Dr. Gozmány", 2 s. (HNHM).

A. micans is confirmed for Romania as formerly it has been listed for the country (SEIDLITZ 1888: 34 as *Anchomenus micans*), and recently omitted (CATPAL 1: BOUSQUET 2003c: 453).

***Agonum* (*Olisares*) *sexpunctatum* (LINNAEUS 1758)**

R o m a n i a : "Rümanien Predel 12.6.1971" / "Piriul Pece leg. H. Ilchmann", 1 s. (MNHUB).

Species confirmed for Romania as previously it was noted for the country (SEIDLITZ 1888: 34 as *Anchomenus sexpunctatus*; HIEKE & WRASE (1988: 84), and then omitted (CATPAL 1: BOUSQUET 2003c: 451).

Genus *Atronus* LECONTE 1848

***Atronus ruficollis* (GAUTIER DES COTTES 1858)**

B o s n i a H e r z e g o v i n a : "Bosnia, Sarajevo Ilidža, 1936, 11. leg. Dr. J. Fodor , 1 s., (HNHM).

First record for Bosnia Herzegovina.

Genus *Limodromus* MOTSCHULSKY 1850

***Limodromus longiventris* (MANNERHEIM 1825)**

C r o a t i a : "Gunja a. Save leg. Bischoff 1929", 7 s. (MNHUB); "Račinovci a. Save leg. Bischoff 1930", 3 s. (MNHUB).

First records for Croatia.

Genus *Olisthopus* DEJEAN 1828

***Olisthopus glabricollis* (GERMAR 1817)**

E u r o p e a n T u r k e y : "Constantinopolis", 1 s. (HNHM).

Cited without locality for European Turkey (HIEKE & WRASE (1988: 88), *O. glabricollis* is first cited with exact data for the region.

***Olisthopus rotundatus* ssp. *rotundatus* (PAYKULL 1790)**

R o m a n i a : "Máramoros Nagy Pietrosz südl. Borsa 16.VII.1913 Kuntzen u. Bischoff S.G.", 1 s. (MNHUB); "Baita Bihar Judet. Romania juni 1925 Eidam-Karschefsky", 2 s. (MNHUB).

Taxon confirmed for Romania as formerly it was cited for the country (SEIDLITZ 1888: 35, HIEKE & WRASE 1988: 88), but then omitted (CATPAL 1: BOUSQUET 2003c: 461).

Genus *Oxypselaphus* CHAUDOIR 1843

***Oxypselaphus obscurus* (HERBST 1784)**

C r o a t i a : "Croatia Gr. Capella Reitter 79.", 1 s. (HNHM); "Dalmatien Knin Reitter 79.", 2 s. (HNHM).

First records for Croatia.

Genus *Paranchus* LINDROTH 1974

***Paranchus albipes* (FABRICIUS 1796)**

R o m a n i a : "Coronini, 0. 8.5.1921 Enderlein S.", 24 s. (MNHUB); "Herkulesbad Cernaúßer 29.8.33", 9 s. (MNHUB).

Species confirmed for Romania as it has been listed for the country (SEIDLITZ 1888: 33 as *Anchomenus ruficornis* FABRICIUS sic!; HIEKE & WRASE 1988: 83 as *Platynus ruficornis* GOEZE; NITZU & ILIE 2003: 162 as *Anchus ruficornis* GOEZE), but subsequently omitted (CATPAL 1: BOUSQUET 2003c: 462).

Genus *Platynus* BONELLI 1810

***Platynus scrobiculatus* ssp. *scrobiculatus* (FABRICIUS 1801)**

R o m a n i a : "Transsylvania", 1 ♀ (MIZ); "Romania Fogaraş, Suru 23.IX.1958 leg. B. Pisarski", 1 ♀ (MIZ).

Species confirmed for Romania since previously was cited for the country (SEIDLITZ

1888: 32 as *Anchomenus scrobiculatus*; JAKOBSON 1907b: 328; HIEKE & WRASE 1988: 83), but subsequently omitted (CATPAL 1: BOUSQUET 2003c: 461).

Tribe P t e r o s t i c h i n i B O N E L L I 1 8 1 0

Genus *Abax* B O N E L L I 1 8 1 0

***Abax (Abacopercus) carinatus* ssp. *carinatus* (DUFTSCHMID 1812)**

E u r o p e a n T u r k e y : "Constantinopel 1900. Korb.", 1 s. (MNHUB); "Ft. de Belgrade 16.V.1955" / "Istanbul G. Colas", 1 ♀ (MNHN); Strandja Mt., Demirköy, N 41 79309 E 27 79513, 260 m, litter of *Acer* & *Quercus* sp., 12.IV.2007, 1 s., B. Petrov leg. (NMNHS).

Cited by HIEKE & WRASE (1988: 79) without locality for European Turkey, *A. carinatus* is first noted with detailed records for the region.

Genus *Myas* S T U R M 1 8 2 6

***Myas* (s.str.) *chalybaeus* (PALLIARDI 1825)**

K o s o v o : "Cwiljen bei Prizren Attems", 3 s. (NMW).

First record for Kosovo.

Genus *Pedius* M O T S C H U L S K Y 1 8 5 0

***Pedius inquinatus* (STURM 1824)**

R o m a n i a : "Dobrudscha Tschernavoda 20.10.18 Spaney S.V.", 2 s. (MNHUB).

Species confirmed for Romania as previously was cited for the country (JAKOBSON 1907b: 339 as *Platysma inquinatum*), but recently omitted in CATPAL 1 (BOUSQUET 2003d: 478).

***Pedius longicollis* (DUFTSCHMID 1812)**

B o s n i a H e r z e g o v i n a : "Mostar Herc. Grabowsky", 1 s. (HNHM).

First record for Bosnia Herzegovina.

Genus *Poecilus* B O N E L L I 1 8 1 0

***Poecilus (Ancholeus) pertusus* (SCHAUM 1858)**

I r a q : "Mesopotamia", 1 s. (NMW); "Mesopotamia Mosul coll. Hauser 5.09", 1 s. (NMW).

Second species citation for Iraq (for first mention see WRASE 2009: 927).

***Poecilus* (s.str.) *cursorius* ssp. *cursorius* (DEJEAN 1828)**

C r o a t i a : "Dalmatia", 3 s. (ZMAN); "Dalmatia coll. E. Friv.", 2 s. (HNHM); "Dalmatia Metković", 1 s. (NMW).

This species has been cited for Croatia (HOFFMANN 1929: 73), but after omitted for the

country (CATPAL 1: BOUSQUET 2003d: 482; VIGNA TAGLIANTI 2004). *P. cursorius* is confirmed for Croatia.

Poecilus (s.str.) lepidus ssp. lepidus (LESKE 1785)

K o s o v o : "Brezovica 22 km O v. Prizren 10-12-VIII-1965" / "Jugoslavia Srbija Ent. Exe. Zoöl. Mus.", 7 s. (ZMAN); "Prevalac pas 21 km O v. Prizren 1500-1700 m 10-13-VIII-1965" / "Yugoslavija Srbija Ent. Exe. Zoöl. Mus.", 2 ♀ ♀ (ZMAN).

First records for Kosovo.

Genus *Pterostichus* BONELLI 1810

Pterostichus (Adelosia) macer ssp. macer (MARSHAM 1802)

E u r o p e a n T u r k e y : "Constinopl. Rinz.", 1 s. (MNHUB).

First record for European Turkey.

Pterostichus (Argutor) cursor (DEJEAN 1828)

I r a n : "Persia M. Casp. Hüdepohl leg." / "Ziba-Kenar b/Resht 5.63", 1 s. (NMW).

First record for Iran.

Pterostichus (Argutor) leonisi APFELBECK 1904

C r o a t i a : "Kosore Vrljka D. Novak 9-1901", 1 s. (MNHUB).

HIEKE & WRASE (1988: 73) cited this species for Dalmatia, without exact data. *P. leonisi* is first noted with detailed record for Croatia.

Pterostichus (Argutor) vernalis (PANZER 1796)

M o n t e n e g r o : "Mustajbeg Podgorica" / "Coll. Apfelbeck", 1 s. (HNHM).

First record for Montenegro.

Pterostichus (Bothriopterus) quadrioveolatus LETZNER 1852

R o m a n i a : "Ganglb. 95 Herkulesbad", 1 s. (NMW).

A s i a n T u r k e y : "Asia minor Bithyn. Olymp 1600 m Dr. Werner", 1 s. (NMW).

First record for Asian Turkey. *P. quadrioveolatus* is confirmed for Romania since long ago it was listed for this country (SEIDLITZ 1888: 49), but recently omitted (CATPAL 1: BOUSQUET 2003d: 487).

Pterostichus (Eosteropus) aethiops (PANZER 1796)

C r o a t i a : "Croatia", 1 s. (HNHM); "Krain D. Vatton", 1 s. (MNHUB).

First records for Croatia.

Pterostichus (Melanius) aterrimus ssp. aterrimus (HERBST 1784)

R o m a n i a : "Donaudelta Rumänien 05.1985 l. M. Schmid", 1 s. (NMW).

The species is confirmed for Romania as formerly was noted for the country (SEIDLITZ 1888: 48, IENIȘTEA 1968: 102), but then omitted (CATPAL 1: BOUSQUET 2003d: 499).

Pterostichus (Oreophilus) variolatus ssp. carniolicus GANGLBAUER 1891

M o n t e n e g r o : "Montenegro", 1 s. (NMW).

First record for Montenegro.

Pterostichus (Phonias) strenuus (PANZER 1796)

A z e r b a i j a n : "AZERBAIJAN SE Talysh Mts., 10-13.5.01 Masalli – Isti Su. T. Lakner lgt.", 1 ♀ (cRL); "AZERBAIJAN Talysh Lerik Mountains 1. – 3.5.2001, 1700 m, T. Lakner lgt.", 1 ♀ (NMNHS).

The species is confirmed for Azerbaijan as it has been noted for this country (JAKOBSON 1907b: 343), but was left unmarked in CATPAL 1 (BOUSQUET 2003d: 508).

Pterostichus (Pseudomaseus) anthracinus ssp. anthracinus (ILLIGER 1798)

M o n t e n e g r o : "Yugoslavia: Biogradsko Jezero, Montenegro.el. 1100 m. 4-7.VIII.1967 leg. B. Malkin", 2 ♂♂, 1 ♀ (MIZ).

First record for Montenegro.

Pterostichus (Pseudomaseus) gracilis ssp. gracilis (DEJEAN 1828)

R o m a n i a : "Herkulesbad 5.28 leg. Stolz", 1 s. (NMW); "Donaudelta Rumänien St. Georgas Arm 05.85 l. M. Schmid", 1 s. (NMW).

This species has been cited for Romania (SEIDLITZ 1888: 48, IENIȘTEA 1968: 102), but after omitted for this country (CATPAL 1: BOUSQUET 2003d: 511; VIGNA TAGLIANTI 2004). *P. gracilis* is confirmed for Romania.

Pterostichus (Pseudomaseus) minor ssp. minor (GYLLENHAL 1827)

R o m a n i a : "Comana Vlasca Rom. Gassner", 3 s. (NMW); "Donaudelta Rumänien St. Georgas Arm 05.85 l. M. Schmid", 1 s. (NMW).

P. minor is confirmed for Romania as it has been noted for the country (SEIDLITZ 1888: 48, IENIȘTEA 1968: 102), but subsequently omitted (CATPAL 1: BOUSQUET 2003d: 511; VIGNA TAGLIANTI 2004).

Pterostichus (Pseudosteropus) illigeri ssp. illigeri (PANZER 1803)

C r o a t i a : "Dalmatia Karaman", 1 s. (MNHUB); ""Slavon." (BMNH).

First records for Croatia.

Tribe S p h o d r i n i LAPORTE 1834

Subtribe S y n u c h i n a LINDROTH 1956

Genus *Synuchus* GYLLENHAL 1810

***Synuchus* (s.str.) *vivalis* ssp. *vivalis* (ILLIGER 1798)**

R o m a n i a : "Baita Bihar Judet. Romania juni 1925 Eidam-Karschefscky", 3 s. (MNHUB).

S. vivalis is confirmed for Romania as formerly it was noted for the country (SEIDLITZ 1888: 35, HIEKE & WRASE 1988: 88), but then omitted (CATPAL 1: HOVORKA & SCIACKY 2003: 546; VIGNA TAGLIANTI 2004).

Tribe Z a b r i n i BONELLI 1810

Subtribe A m a r i n a C. ZIMMERMANN 1831

Genus *Amara* BONELLI 1810

***Amara* (s.str.) *anthobia* A. VILLA & G.B. VILLA 1833**

E u r o p e a n T u r k e y : "Turcia, Stambul E. Horvat, 1925", 1 s. (HNHM).

The species is first cited with exact data for European Turkey as formerly the species was recorded for this region without precise data (HIEKE & WRASE 1988: 102).

***Amara* (s.str.) *similata* (GYLLENHAL 1810)**

A s i a n T u r k e y : "Sultansuÿu, Hara Malatya, VI-VII." / "leg. dr. Vasváry", 1 s. (HNHM).

A. similata is confirmed for Asian Turkey since previously it was noted for the region as "doubtful or presumable, but not confirmed" (CASALE & VIGNA TAGLIANTI 1999: 385).

***Amara* (*Paracelia*) *serdicana* APFELBECK 1904**

A s i a n T u r k e y : "Asia Minor, Provinz Antalya, Irmasan-Beli, 1300-1500 m, leg. Steiner, 4.-14.5.1987", 1 s. det. F. Hieke (NMW); "Turkey, 90.IV.17. Konya: Yunuslar leg. Podlussany A.", 1 s. (HNHM).

This species is confirmed for Asian Turkey since previously was noted for the region as "doubtful or presumable, but not confirmed" (CASALE & VIGNA TAGLIANTI 1999: 385).

***Amara* (*Xenocelia*) *messae* BALIANI 1924**

K o s o v o : "Serbien-Šar-Geb. 2000-2540 m VI.1914 J. Matcha", 3 s. (MNHUB).

First record for Kosovo. The material was originally identified by F. Hieke.

Subtribe Z a b r i n a BONELLI 1810

Genus *Zabrus* CLAIRVILLE 1806

***Zabrus (Pelor) corpulentus* SCHAUM 1864 s.l.**

R o m a n i a : "Dobroudja Ester A.L. Montandon.", 6 s. (NMW); "Dobroudja Mangalia A.L. Montandon.", 1 s. (DEI).

First records for Romania. In the Balkan Peninsula, this species is known also from North-East Bulgaria (GUÉORGUIEV & GUÉORGUIEV 1995: 167). The known records of *Z. corpulentus* suggest that it is form with disjunct distribution as the area between eastern Stara Planina and Istanbul City is uninhabitable. Since the subspecies status of the Balkan populations is still not settled the data above are referred to as *Z. corpulentus* s.l.

Tribe Z u p h i i n i BONELLI 1810

Subtribe Z u p h i i n a BONELLI 1810

Genus *Polystichus* BONELLI 1810

***Polystichus connexus* (GEOFFROY 1785)**

B o s n i a H e r z e g o v i n a : "Herzegovina Reitter.", 1 s. (HNHM); "Ilidže Apfelbeck" / "Coll. Apfelbeck", 5 s. (HNHM).

I r a q : "Mesopotam. Assur. 3.08.", 1 s. (NMW).

I r a n : "Transcasp. Merw 5.1900 Coll. Hauser", 4 s. (NMW).

First records for Bosnia Herzegovina and Iraq, and second one for Iran (for first mention see GHAHARI & al. 2009).

Genus *Zuphium* LATREILLE 1806

***Zuphium (s.str.) olens ssp. olens* (P. ROSSI 1790)**

K a z a k h s t a n : "Tr. Casp. Gr. Balchan", 1 s. (NMW).

First record for Kazakhstan.

***Zuphium (s.str.) testaceum* KLUG 1832**

I r a n : "Iran, Gorgan, 10.VIII-IX25.1968 collector unknown", 1 s. (HNHM) / "Iran, Prov. Makrazi, Kavir Desert, Houz-e Soltan, 830 m, 3 km S Kusk-e Nosrat" / "50°55'26E, 35°5'14N at light, 28.VI.2000 leg Kálmán Székely", 1 s. (HNHM).

First records for Iran.

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Zusammenfassung

Taxonomische Untersuchungen an Carabiden (Coleoptera, Carabidae) Südost-Europas sowie Südwest- und Zentralasiens führen zu folgenden Ergebnissen. An Neukombinationen und Synonymien ergaben sich: *Pterostichus (Cryobius) carradei* (GAUTIER DES COTTES 1866), **comb. nov.** von *Feronia carradei* GAUTIER DES COTTES 1866; *Feronia insidiosa* FAIRMAIRE 1866, **syn.nov.** *Feronia carradei* GAUTIER DES COTTES 1866; *Pterostichus serbicus* APFELBECK 1899, **syn.nov.** *Pterostichus (Feronidius) incommodus* SCHAUM 1858; *Feronia similata* GAUTIER DES COTTES 1870, **syn. nov.** *Pterostichus (Pseudomaseus) fuscicornis* (REICHE & SAULCY 1855); *Amara (Leiocnemis) ochracea* (CAUTIER DES COTTES 1868), **comb.nov.** von *Feronia ochracea* GAUTIER DES COTTES 1868; *Amara abnormis* TSCHITSCHERINE 1894, **syn. nov.** *Feronia ochracea* GAUTIER DES COTTES 1868. Lectotypen wurden für *Feronia carradei*, *F. insidiosa* und *F. similata* festgelegt.

Folgende Arten stellen für die angeführten Länder Neunachweise dar: Bosnien und Herzegowina: *Nebria psammodes* (P. ROSSI); *N. diaphana* ssp. *relicta* (BREIT); *Notiophilus interstitialis* REITTER; *Cychnus schmidti* CHAUDOIR; *Clivina laevifrons* CHAUDOIR; *Reicheiodes rotundipennis* ssp. *rotundipennis* (CHAUDOIR); *Scarites laevigatus* FABRICIUS; *Bembidion azurescens* ssp. *azurescens* DALLA TORRE; *B. quadricolle* (MOTSCHULSKY); *B. femoratum* ssp. *femoratum* STURM; *B. incognitum* J. MÜLLER; *B. schueppelii* DEJEAN; *Sinechostictus doderoi* (GANGLBAUER); *Tachyura walkeriana* ssp. *walkeriana* (SHARP); *Pogonistes rufoaeneus* (DEJEAN); *Blemus discus* ssp. *discus* (FABRICIUS); *Trechus secalis* ssp. *secalis* (PAYKULL); *Harpalus hospes* ssp. *hospes* STURM; *Ophonus similis* (DEJEAN); *Parophonus hirsutulus* (DEJEAN); *Dromius fenestratus* (FABRICIUS); *Badister lacertosus* STURM; *Aranus ruficollis* (GAUTIER DES COTTES); *Pedius longicollis* (DUFTSCHMID); *Polystichus connexus* (GEOFFROY). Bulgarien: *Carabus coriaceus* ssp. *excavatus* CHARPENTIER; *Asaphidion stierlini* (Heyden); *Bembidion scapulare* DEJEAN; *B. schueppelii* DEJEAN; *Sinechostictus moschatus* (PEYRON); *Pogonistes testaceus* ssp. *graecus* (APFELBECK); *Trechus subacuminatus* A. FLEISCHER; *Licinus graecus* APFELBECK. Kroatien: *Nebria picicornis* ssp. *picicornis* (FABRICIUS); *Dyschirius cylindricus* ssp. *hauseri* A. FLEISCHER; *Bembidion conforme* (DEJEAN); *B. argenteolum* AHRENS; *B. splendidum* ssp. *splendidum* STURM; *B. laticolle* (DUFTSCHMID); *B. friebi* NETOLITZKY; *B. biguttatum* (FABRICIUS); *B. iricolor* BEDEL; *Tachyura nana* ssp. *nana* (GYLLENHAL); *Tachyura quadrisignata* (DUFTSCHMID); *Drypta distincta* (P. ROSSI); *Acinopus ammophilus* DEJEAN; *Harpalus zabroides* DEJEAN; *Cymindis lineola* L. DUFUR; *Demetrias imperialis* (GERMAR); *Badister lacertosus* STURM; *B. meridionalis* PUEL; *B. unipustulatus* BONELLI; *Agonum fuliginosum* (PANZER); *Limodromus longiventris* (MANNERHEIM); *Oxypselaphus obscurus* (HERBST); *Pterostichus aethiops* (PANZER); *P. incommodus* SCHAUM; *P. illigeri* ssp. *illigeri* (PANZER). Europäische Türkei: *Bembidion concoeruleum* NETOLITZKY; *B. splendidum* ssp. *splendidum* STURM; *B. properans* (STEPHENS); *B. brunnicorne* ssp. *brunnicorne* DEJEAN; *B. castaneipenne* JACQUELIN DU VAL; *Porotachys ottomanus* SCHWEIGER; *Diachromus*

germanus (LINNAEUS); *Carterus gilvipes* (PIOCHARD DE LA BRULERIE); *C. rufipes* (CHAUDOIR); *Dixus clypeatus* (P. ROSSI); *D. obscurus* (DEJEAN); *Ophonus laticollis* MANNERHEIM; *O. ardosiacus* (LUTSHNIK); *O. franziorium* SCIAKY; *Cymindis miliaris* (FABRICIUS); *Microlestes fulvibasis* (REITTER); *Syntomus obscuroguttatus* (DUFTSCHMID); *S. pallipes* (DEJEAN); *Pterostichus macer* ssp. *macer* (MARSHAM). Kosowo: *Nebria rufescens* ssp. *rufescens* (STRÖM); *N. picicornis* ssp. *picicornis* (FABRICIUS); *Dyschirius latipennis* SEIDLITZ; *D. substriatus* ssp. *priscus* J. MÜLLER; *Brosicus cephalotes* (LINNAEUS); *Bembidion quadripustulatum* ssp. *quadripustulatum* AUDINET-SERVILLE; *B. combustum* ssp. *combustum* MENETRIES; *B. grandipenne* ssp. *grandipenne* SCHAUM; *Chlaenius nitidulus* (SCHRANK); *Ophonus gammeli* (SCHAUBERGER); *Cymindis humeralis* (GEOFFROY); *Myas chalybaeus* (PALLIARDI); *Poecilus lepidus* ssp. *lepidus* (LESKE); *Amara messae* BALIANI. Malta: *Paradromius linearis* ssp. *linearis* (OLIVIER). Montenegro: *Notiophilus rufipes* CURTIS; *Dyschirius agnatus* MOTSCHULSKY; *Asaphidion flavipes* (LINNAEUS); *Bembidion brunoii* BONAVIDA; *B. monticola* ssp. *monticola* STURM; *Harpalus pumilus* STURM; *Ophonus cordatus* (DUFTSCHMID); *Anthracus consputus* (DUFTSCHMID); *Cymindis lineola* L. DUFUR; *Lebia chlorocephala* (J.J. HOFFMANN); *L. trimaculata* (VILLERS); *Syntomus pallipes* (DEJEAN); *Pterostichus vernalis* (PANZER); *P. variolatus* ssp. *carniolicus* GANGLBAUER; *P. anthracinus* ssp. *anthracinus* (ILLIGER). Rumänien: *Ditomus calydonius* ssp. *calydonius* (P. ROSSI); *Apristus subaeneus* CHAUDOIR; *Pterostichus incommodus* SCHAUM; *Zabrus corpulentus* SCHAUM. Slowenien: *Dyschirius apicalis* PUTZEYS; *Philorhizus crucifer* ssp. *crucifer* (LUCAS). Schweiz: *Chlaenius costulatus* (MOTSCHULSKY). Ukraine: *Bembidion persicum* MENETRIES. Afghanistan: *Brachinus quadriguttatus* GEBLER. Asiatische Türkei: *Chlaenius sulcicollis* (PAYKULL); *Paradromius longiceps* (DEJEAN); *Pterostichus quadrioveolatus* LETZNER. Irak: *Brachinus bayardi* DEJEAN; *Chlaenius dimidiatus* CHAUDOIR; *Polystichus connexus* (GEOFFROY). Iran: *Torretassoa alfieri* SCHATZMAYR & KOCH; *Chlaenius tristis* ssp. *tristis* (SCHALLER); *Paradromius linearis* ssp. *linearis* (OLIVIER); *Lebia trimaculata* (VILLERS); *Pterostichus cursor* (DEJEAN); *Zuphium testaceum* KLUG. Kasachstan: *Zuphium olens* ssp. *olens* (P. ROSSI). Libanon: *Notiophilus danieli* REITTER; *Brachinus bayardi* DEJEAN; *Chlaenius dimidiatus* CHAUDOIR; *C. tristis* ssp. *tristis* (SCHALLER); *C. vestitus* (PAYKULL); *C. festivus* ssp. *festivus* (PANZER). Saudi Arabien: *Torretassoa alfieri* SCHATZMAYR & KOCH. Syrien: *Chlaenius vestitus* (PAYKULL). Turkmenien: *Philorhizus notatus* (STEPHENS).

Für folgende Arten wurde eine ausführliche Dokumentation für die genannten Länder verfasst: Bulgarien: *Dicheirotrichus discicollis* (DEJEAN). Kroatien: *Pterostichus leonisi* APFELBECK. Europäische Türkei: *Gynandromorphus etruscus* ssp. *etruscus* (QUENSEL); *Scybalicus oblongiusculus* (DEJEAN); *Cymindis ornata* FISCHER VON WALDHEIM; *Olisthopus glabricollis* (GERMAR); *Abax carinatus* ssp. *carinatus* (DUFTSCHMID); *Amara anthobia* A. VILLA & G.B. VILLA. Rumänien: *Dicheirotrichus discicollis* (DEJEAN).

Eine Bestätigung des Vorkommens einzelner Arten gelang wie folgt: Bosnien Herzogowina: *Dyschirius agnatus* MOTSCHULSKY; *Bembidion starkii* SCHAUM; *Tachyura diabrachys* (KOLENATI). Bulgarien: *Bembidion hypocrita* ssp. *illyricum* NETOLITZKY; *B. stephensi* ssp. *stephensi* CROTCH; *B. tethys* NETOLITZKY; *Sinechostictus tarsicus* (PEYRON). Kroatien: *Bembidion latiplaga* ssp. *latiplaga* CHAUDOIR; *B. ephippium* (MARSHAM); *B. modestum* (FABRICIUS); *Sinechostictus millerianus* (HEYDEN); *Pogonus luridipennis* (GERMAR); *Chlaenius terminatus* DEJEAN; *Harpalus picipennis* (DUFTSCHMID); *Cymindis macularis* FISCHER VON WALDHEIM; *Dromius quadrimaculatus* (LINNAEUS); *Philorhizus crucifer* ssp. *crucifer* (LUCAS); *Lebia marginata* (GEOFFROY); *Agonum antennarium* (DUFTSCHMID); *Poecilus cursorius* ssp. *cursorius* (DEJEAN). Europäische Türkei: *Notiophilus substriatus* C.R. WATERHOUSE; *Brosicus nobilis* (DEJEAN); *Bembidion quadricolle* (MOTSCHULSKY); *B. varium* (OLIVIER); *B. striatum* (FABRICIUS); *B. dalmatinum* ssp. *dalmatinum* DEJEAN; *Paratachys bistriatus* (DUFTSCHMID); *Microlestes fissuralis* (REITTER); *Paradromius linearis* ssp. *linearis* (OLIVIER). Montenegro: *Tachyura diabrachys* (KOLENATI). Rumänien: *Brachinus immaculicornis* ssp. *apfelbecki* JAKOBSON; *B. bipustulatus* QUENSEL; *Pogonistes convexicollis* CHAUDOIR; *Chlaenius tristis* ssp.

tristis (SCHALLER); *C. dejeanii* (DEJEAN); *Cymindis lineata* (QUENSEL); *C. miliaris* (FABRICIUS); *Demetrias atricapillus* (LINNAEUS); *Dromius agilis* (FABRICIUS); *D. quadrimaculatus* (LINNAEUS); *Microlestes fissuralis* (REITTER); *Paradromius linearis* ssp. *linearis* (OLIVIER); *Lebia chlorocephala* (J.J. HOFFMANN); *Syntomus obscuroguttatus* (DUFTSCHMID); *Badister collaris* MOTSCHULSKY; *Agonum muelleri* (HERBST); *A. micans* (NICOLAI); *A. sexpunctatum* (LINNAEUS); *Olisthopus rotundatus* ssp. *rotundatus* (PAYKULL); *Paranchus albipes* (FABRICIUS); *Platynus scrobiculatus* ssp. *scrobiculatus* (FABRICIUS); *Pedius inquinatus* (STURM); *Pterostichus quadrifoveolatus* LETZNER; *P. aterrimus* ssp. *aterrimus* (HERBST); *P. gracilis* ssp. *gracilis* (DEJEAN); *P. minor* ssp. *minor* (GYLLENHAL); *Synuchus vivalis* ssp. *vivalis* (ILLIGER). Slowenien: *Demetrias atricapillus* (LINNAEUS). Asiatische Türkei: *Paussus turcicus* I. FRIVALDSZKY VON FRIVALD; *Asaphidion flavipes* (LINNAEUS); *Bembidion assimile* GYLLENHAL; *B. azurescens* ssp. *azurescens* DALLA TORRE; *B. latiplaga* ssp. *latiplaga* CHAUDOIR; *B. subplagiatum* J.R. SAHLBERG; *B. maculatum* ssp. *maculatum* DEJEAN; *Ocys quinquestriatus* ssp. *berytensis* (NETOLITZKY); *Tachyura parvula* (DEJEAN); *Pogonistes testaceus* ssp. *graeus* (APFELBECK); *Pogonus luridipennis* (GERMAR); *Anisodactylus signatus* (PANZER); *Harpalus albanicus* REITTER; *Cymindis scapularis* ssp. *scapularis* SCHAUM; *Badister dilatatus* CHAUDOIR; *Amara similata* (GYLLENHAL); *A. serdicana* APFELBECK. Aserbaidshan: *Pterostichus strenuus* (PANZER). Irak: *Chlaenius dejeanii* (DEJEAN). Israel: *Notiophilus danieli* REITTER; *Chlaenius vestitus* (PAYKULL).

Für weitere Arten in den nachgewiesenen Ländern wurden ausführlichere Angaben gemacht: Bulgarien: *Bembidion grandipenne* ssp. *grandipenne* SCHAUM; *Ophonus subsinuatus* REY. Montenegro: *Bembidion grandipenne* ssp. *grandipenne* SCHAUM. Rumänien: *Pogonus orientalis* ssp. *orientalis* DEJEAN. Ägypten: *Torretassoa alfieri* SCHATZMAYR & KOCH. Iran: *Penthus tenebrioides* (WALTL); *Polystichus connexus* (GEOFFROY). Irak: *Poecilus pertusus* (SCHAUM).

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Address of the author: Borislav GUÉORGUIEV
National Museum of Natural History, Sofia
1 Blvd Tzar Osvoboditel
BG-1000 Sofia, Bulgaria
E-mail: gueorguiev@nmnhs.com