

## ON THE SPECIES OF *PHILONTHUS* STEPHENS (COLEOPTERA: STAPHYLINIDAE: STAPHYLININAE: STAPHYLININI: PHILONTHINA) IN THE COLLECTIONS OF ROMANIAN NATURAL HISTORY MUSEUMS

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**Abstract.** 57 species of the genus *Philonthus* were identified in the collections of four museums of Romania: Brukenthal National Museum, “Grigore Antipa” National Museum of Natural History, Museum of Natural History of Iași and Museum of Oltenia, Craiova. *Philonthus wuesthoffi* Bernhauer, an alien species from East Palaearctic Region, is a new record for the Romanian fauna. Except for *Philonthus pyrenaicus* Kiesenwetter, the species treated here are in the Romanian fauna and presented with their distribution maps. An identification key for Romanian *Philonthus* species found in the studied collections is also provided.

**Résumé.** Cinquante-sept espèces du genre *Philonthus* ont été identifiées dans les collections de quatre musées de Roumanie: Muséum National Brukenthal, Muséum National d'Histoire Naturelle «Grigore Antipa», le Musée d'Histoire Naturelle de Iași et le Musée de l'Olténie, Craiova. *Philonthus wuesthoffi* Bernhauer, une espèce introduite de la région paléarctique orientale, constitue un nouveau record pour la faune de la Roumanie. Sauf pour *Philonthus pyrenaicus* Kiesenwetter, les espèces traitées ici sont présentes dans la faune de Roumanie et on donne leurs cartes de répartition. Aussi, on présente une clé de détermination pour les espèces de *Philonthus* de la faune de Roumanie qui se trouvent dans les collections des musées étudiés.

**Key words:** *Philonthus*, Romania, faunistics, distribution maps, identification key.

### INTRODUCTION

Genus *Philonthus*, rich in species, contains around 350 species in the Palaearctic Region. In Central Europe, 68 species are known (Schillhammer, 2011), and for Romania 65 species were reported, according to the literature (Stan, 2004).

In 1837, Kirby introduced the taxon *Philonthina*, grouping the species with smooth forebody, sometimes with metallic luster, with the last article of the labial palpi fusiform (which is not narrower than the last but one article), and the lower side of protarsi with light coloured modified hairs.

In 1956, Coiffait proposed the tribe *Philonthini*, with several genera, out of which there were *Philonthus*, *Paragabrius* and *Spatulonthus*, which, today are included in the genus *Philonthus*. Only *Philonthus* includes five subgenera, basing on the aedeagus morphology, respectively of the paramers (Coiffait, 1974). For the time being, the division of the genus *Philonthus* into two subgenera: *Philonthus* Stephens and *Onychophilonthus* Neresheimer & Wagner, basing on the morphology of the last article of protarsus and of its claws (Schillhammer, op. cit.) is accepted.

The representatives of *Philonthus* are recognized after the two rows of disc-like punctures on the pronotum (absent in some species), respectively 3, 4, 5, 6 or more points in a row. Although it seems to be easy to be identified, there is a series of species of the groups *varians*, *micans*, *longicornis*, *montivagus* for which the study of the aedeagus is very important, or the study of the tergite X in females, as in the case of the *varians* group.

In Romania, Lidia Raianu (Museum of Natural History, Iași) dealt with the genus *Philonthus* (Raianu, 1965, 1967, 1968 a, b, 1969, 1970).

#### MATERIALS AND METHODS

The paper is primarily based on the material collected from Romania and it is deposited in the collections of the following museums:

BNM = Brukenthal National Museum – Natural History Department (Sibiu);

MINI = Museum of Natural History (Iași)

MGAB = "Grigore Antipa" National Museum of Natural History, Bucharest (București);

MO = Museum of Oltenia (Craiova).

Besides material collected in Romania, a few *Philonthus* specimens from Austria, Belarus, Bulgaria, Croatia, Czech Republic, France, Germany, Hungary, Macedonia, Morocco, Poland, Russia, Slovenia and Switzerland were studied and cited herein.

The "Karl Petri" Collection (Brukenthal National Museum) is rather old, formed at the end of the 19<sup>th</sup> century and the beginning of the 20<sup>th</sup> one, with specimens collected from Transylvania, to which some other specimens from abroad were added, as exchanges of biological material or collecting. "Lidia Raianu" Collection (Museum of Natural History Iași) includes specimens collected within the period 1956-1989, especially from Moldova and Dobrogea. The Museum of Oltenia, Craiova, houses a small collection of staphylinids, with specimens from the Oltenia area.

In "Grigore Antipa" National Museum of Natural History, the specimens of the genus *Philonthus* are included in the Collection of Palaearctic Coleopterans (catalogue published by Lidia Raianu in 1968) and in the Collection of Staphylinidae, formed in 2007. This last collection, which we refer here, includes specimens from the collections of Friedrich Deubel, Eduard Fleck, Desnő Kenderessy (specimens collected in the first decade of the 20<sup>th</sup> century), specimens collected by the specialists who worked in the museum since 1952, but also by the specialists who are active in this institution right now. The specimens were identified by the author of this paper.

The collecting sites from Romania are presented in figure 1.

The counties and localities from where the specimens were collected are listed below:

Alba: Aiud, Ocna Mureș, Șpring

Argeș: Bârla, Dâmbovicioara, Galeșu, Pitești, Sățic, Stoenesti, Valea lui Stan stream, Vâlsan valley

Bacău: Putredeni, Sohodol, Târgu Ocna

Bistrița-Năsăud: Ilva Mică, Năsăud, Rodna Mts

Bihor: Stâna de Vale

Brașov: Bran, Brașov, Hărman, Homorod, Tâmpa Mt., Postăvarul Mt., Predeal, Râșnov, Racoș, Sâmbăta de Sus, Sohodol, Zărnești

Brăila: Gura Gârluței

București

Buzău: Buzău, Izvorul Dulce (Beceni)

Caraș-Severin: Băile Herculane, Mehadia, Potoc

Călărași: Budești, Ceianu Nou islet, Ciocănești islet, Fermecatu islet, Fundulea, Haralambie islet, Pisica islet

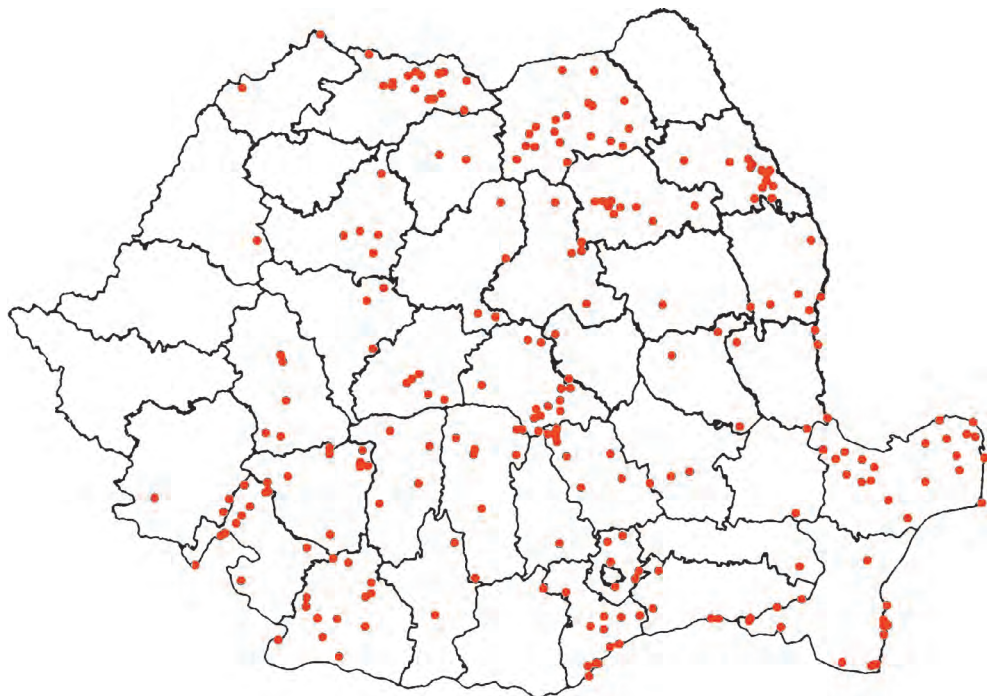


Fig. 1 - The map of collecting sites for *Philonthus* specimens based on the examined material.

- Cluj: Cojocna, Cluj, Dej, Florești, Turda, Valea Ierii  
 Constanța: Agigea, Babadag, Canaraua Fetii (Băneasa), Casian, Chituc Sand, Constanța, Eforie, Hagieni, Limanu, Negru Vodă, Ostrov, Techirghiol, Tuzla  
 Covasna: Ariușd, Racoșul de Sus  
 Dâmbovița: Titu  
 Dolj: Băilești, Bistreț, Bucovăț, Calafat, Castrele Traiane (Plenița), Craiova, Izvoare, Perișor, Răcarii de Jos, Segarcea, Șimnic, Verbicioara  
 Iași: Bârnova, Breazu, Dealul Repede (Pietrăria), Dobrovăț, Grajduri, Holboca, Iași, Mârzești (forest), Dumbrava forest (Ciurea), Podu Iloaiei, Poieni, Ruginoasa, Valea lui David (Valea Lupului), Vlădiceni  
 Ilfov: Bordenani, Cernica, Odăile, Pasărea (Brănești), Periș, Snagov  
 Galați: Buciumeni, Galați (to Giurgiulești custom), Movileni, Rogojeni, Vădeni (Cavadinești)  
 Giurgiu: Anghelești, Braniștea, Cama islet, Călugăreni, Comana, Gârla Manta (Oinacu), Gostinu, Izvoarele, Malu, Mihai Bravu, Slobozia islet, Slobozia, Vlașin  
 Gorj: Cheile Galbenului, Izvoarele, Novaci, the Muierii cave, Râncă, Locurile Hermitage, Sohodol Gorges  
 Harghita: Bălan, Borsec, Boteni, Izvoru Mureșului (Voșlăbeni), Būdös (Sântimbru), Hășmașul Mare Mt., Secu valley (Borsec), Vlăhița  
 Hunedoara: Cănelu (Șoimuș), Deva, Gura Zlata, Hațeg, Pasul Surduc, Retezat Mts  
 Maramureș: Bârsana, Bistra, Crasna Vișeuului, Dragomirești, Făina, Ieud, Mara (Desești), Ocna Șugatag, Poienile de sub Munte, Repede, Săliștea de Sus, Săpânța, Sârbi, Vișeu de Sus

- Mehedinți: Bulba valley (Baia de Aramă), Bahna valley, Balta, Eșelnița, Gura Motrului, Isverna, Jupânești (Cireșu), Motru Sec valley (Motru Sec), Orșova, Ostrovul Mare, Strehaiia, Șvinița
- Mureș: Răstolița, Saschiz, Sighișoara, Sovata
- Neamț: Ceahlău Mt., Izvorul Muntelui, Pietra Neamț, Pângărați, Potoci (Bicaz), Roman, Roznov, Ruginești, Secu, Tarcău
- Olt: Reșca, Vineți
- Prahova: Azuga, Bușteni – Valea Cerbului, Bucegi Plateau, Comarnic, Drajna de Sus, Lunca Prahovei, Mehedința (Podenii Noi), Poiana Țapului, Sinaia, Tohani
- Satu Mare: Foieni, Tarna Mare (Oaș Mts)
- Sibiu: Dumbrava forest (Sibiu), Gușterița (Sibiu), Poiana Neamțului, Sibiu, Turnu Roșu
- Suceava: Broșteni, Cacica, Câmpulung Moldovenesc, Zamca-Suceava, Dorna Candrenilor, Fălticeni, Găinești, Iacobeni, Negrișoara, Putna, Rarău Mt., Rădăuți, Râșca, Slătioara, Suceava, Valea Putnei (Pojorâta), Vama, Vatra Dornei
- Teleorman: Purani
- Tulcea: Babadag, Caraorman, C. A. Rosetti, Celic Dere, Cerna, Chilia Veche, Crișan, Greci, Hașmacul lui Omer (Letea forest), Horia, Izvoarele, Jurilovca, Luncavița, Maliuc, Măcin, Niculițel, Periprava, Sarinasuf, Sfântu Gheorghe, Stipoc, Sulina
- Vaslui: Bârlad, Fălciu, Huși, Jigălia, Murgeni
- Vâlcea: Cozia, Dealul Bisericii (Sinești), Govora, Voineasa
- Vrancea: Ciorăști, Tulnici

Abbreviations:

- spec. (s) – specimen (s); Mt. (Mts) – Mountain (Mountains); m a.s.l. – meters above sea level

For the photographs a digital camera (Nikon D 700 with Nikkor 105 mm F 2.8 obiectiv) and Stemi 2000-C stereomicroscope were used. The maps were generated using the software Arc View GIS version 8.3.

### RESULTS AND DISCUSSIONS

The 57 species of the genus *Philonthus*, found after examining museum collections, are alphabetically presented. The used nomenclature is that from the Catalogue of Palaearctic Coleoptera (Smetana, 2004). For each species, the number of the studied specimens, collecting date, collector and type of microhabitat/habitat, where there is such information, are mentioned. For 56 species, maps of their distribution in Romania are given (on the base of the studied material). In 28 species, photos of their aedeagi are presented, as well as photos of the tergite X in the females of five species.

#### Subgenus *Philonthus* Stephens *Philonthus addendus* Sharp, 1867 (Figs 3 C, 10 A)

*Examined material:* 1 ♂, Galbenu valley, 9.08.2005, leg. C. Chimișliu (MO); 2 ♂♂, 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, Hărman, 1 ♂, Brașov, coll. Fr. Deubel; Valea Putnei, 900 m a.s.l.: 1 ♀, 17.05.1975; 1 ♀, 17.07.1981, leg. I. Ceianu; Sinaia: 1 ♂, 29.05.1964, leg. Șt. Negru; 1 ♂, 1 ♀, 17.05.1981, leg. R. Serafim; 1 ♀, Poienile de sub Munte, 16.06.2003, leg. C. Pârnu; Săliștea de Sus: 1 ♂, 23.06.2003, leg. C. Pârnu; 1 ♀, near

the stream Idișor, on the forest road, horse dung, 23.06.2003, leg. M. Stan; Piatra Craiului Mts, Sătic: 1 ♂, bank of Dâmbovița River, 22.06.2005, leg. I. Matache; 1 ♂, on the forest road, 22.06.2005, leg. E. Pisciă; 1 ♂, Bulba valley, cow dung, 24.07.2007, leg. M. Stan (MGAB).

*Philonthus aerosus* Kiesenwetter, 1851

(Figs 2 C, 9 C)

*Examined material:* Austria: 1 ♂, Stierloch[bach], Vorarlberg, 11.07.1899 (MGAB); Romania: 1 ♂, 1 ♀, Retezat Mts, leg. K. Petri, coll. K. Petri (BNM); 1 ♀, Retezat Mts (Pietrele chalet), 1480 m a.s.l., 27.08.1994, leg. Ș. Procheș (MGAB).

*Philonthus alberti* Schillhammer, 2000

(Fig. 11 A)

*Remarks.* The species was included in the checklist (Stan, op.cit.) based on mentions in specialized literature (Horion, 1965; Raianu, 1968 a). The male specimen from the collection of "Grigore Antipa" Museum, as well as the two specimens (a male and a female) from the collection of the Museum of Natural History, Iași were studied and we can assert that they belong to the species *Philonthus tenuicornis* Mulsant & Rey. The species is cited for Romania in the Catalogue of Palaearctic Coleoptera (op. cit.). I have had the opportunity to examine a female which was borrowed from the Hungarian Natural History Museum. The specimen was collected in the Piatra Craiului National Park, branching streamlet in Crăpăturii valley, 1.7 km NE, Turnu Peak, 890 m a.s.l., muddy bottom debris of *Scirpus sylvaticus* (N: 45°34'05", E: 25°15'57"), 13.06.2011, leg. Gy. Makranczy.

*Philonthus albipes* (Gravenhorst, 1802)

(Figs 5 A, 12 B)

*Examined material:* 1 spec., Sighișoara, 20.02.?, under decayed vegetable matter, leg. K. Petri; 1 spec., Sibiu, leg. R. Albrecht, coll. K. Petri (BNM); 1 ♂, Grajduri, 15.07.1956; 1 ♂, Pângărați, 7.07.1957; 1 ♀, Găinești, 26.07.1957; 1 ♀, Fălticeni, 29.07.1957; Huși: 2 ♀♀, 28.07.1956; 1 ♂, 1 ♀, 15.07.1957; 1 ♂, Murgeni, 18.07.1957; 1 ♂, Rarău Mt., 22.07.1957; 1 ♂, Agigea, 15.08.1958; 3 ♂♂, 4 ♀♀, Limanu, 21.07.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Azuga, coll. Ed. Fleck; 2 ♀♀, Sinaia (Cumpătu), confluence of Valea Rea-Prahova, gravelbank, 750 m a.s.l., (N: 45°21'24", E: 25°33'25"), from drying horse dung, 26.07.2003, leg. Gy. Makranczy; Poienile de sub Munte, 780 m a.s.l.: Coșnea valley, small village Luhei: 3 ♀♀, cow dung, 19.07.2004, leg. M. Stan; 1 ♂, 2 ♀♀, on the forest road, cow dung, 23.07.2004, leg. M. Stan (under the name *Ph. alpinus*) (MGAB).

*Philonthus atratus* (Gravenhorst, 1802)

(Figs 4 A, 10 C)

*Examined material:* Bulgaria: 3 ♂♂, 4 ♀♀, Madzharovo, environs of Borislavci, bank of the artificial lake, 26.04.2000, leg. S. Vit; Romania: Sighișoara: 1 ♂, 1 ♀, near Târnava River; 1 ♀, 1889; 1 ♀, Turnu Roșu; 1 ♀, Būdös, 08.1908, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, Rodna Mts, 3.05.1970; 1 ♂, Dorna Candrenilor, 18.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Azuga, coll. Ed. Fleck; 1 ♀, Brașov, coll. Fr. Deubel; 1 ♀, Sâmbăta de Sus, 4.07.1985, leg. N. Gâldean; Ieud: 1 ♂, 1 ♀, 25.07.1995; 1 ♂, 08.09.1995, leg. C. Pârvu; 1 ♂, Săliștea de Sus, near the stream Idișor, on the forest road, horse dung, 23.06.2003, leg. M. Stan (MGAB).

*Philonthus caerulescens* (Lacordaire, 1835)  
(Figs 4 B, 10 C)

*Examined material:* 1 ♂, Ilva Mică, 08.1908, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, 2 ♀♀, Rodna Mts, coll. Fr. Deubel; 1 ♂ Valahia, coll. Ed. Fleck; 1 ♂, Predeal, 28.09.1993, leg. Ș. Procheș; 1 ♂, Voineasa, 1.08.1996, leg. Ș. Procheș; 2 ♂♂, 4 ♀♀, Repedea (forest range), left bank of Repedea River, 18.06.2003, leg. M. Stan; Poienile de sub Munte: 4 ♂♂, 2 ♀♀, bank of the Rica River, 2 km upstream confluence Rica-Coșnea, 25.07.2004; 1 ♂, 1 ♀, small village Luhei, bank of Rica River, 25.07.2004; 1 ♀, bank of the stream Socodol (3 km upstream confluence Rica-Socodol), 19.07.2004; Făina, Vaser valley: 1 ♀, cow dung, 19.06.2003; 2 ♂♂, 21.07.2004; Vișeu valley, bank of Vișeu River, 24.07.2004; Crasna Vișeuului: 3 ♂♂, 2 ♀♀, confluence Hututeanca-Pop Ivan, bank of the rivers, 18.07.2004, leg. M. Stan; 1 ♀, Pop-Ivan valley, 18.07.2004, leg. C. Pârvu; Piatra Craiului Mts: 1 ♂, Sătic, bank of the Dâmbovița River, 1000 m a.s.l., 22.06.2005, leg. M. Stan; 1 spec., end of Dâmbovița Gorges, 0.3 km ESE Rucăr, 740 m a.s.l., tip of gravel island stream, sandy gravel (N: 45°23'08", E: 25°10'56"), 17.07.2011, leg. Gy. Makranczy (MGAB).

*Philonthus carbonarius* (Gravenhorst, 1802)  
(Fig. 12 A)

*Examined material:* Sighișoara: 1 ♀, 1889; 1 spec., Wietenberg, 02.1902; 1 ♀, leg. K. Petri; 1 ♀, Făgărașului Mts, Șerbota Peak, leg. K. Petri; 1 ♀, Năsăud, 1890; 2 specs, Cluj; 1 ♀, Mehădia, 1895, leg. K. Petri; 1 ♂, Ocna Mureș, 1907; 1 ♂, Turda, coll. K. Petri (BNM); 2 ♂♂, 3 ♀♀, Dumbrava forest (Ciurea), 24.03.1968; Brașov: 1 spec., 2.06.1971; 1 ♂, 25.06.1981; 1 ♀, Pângărați, 26.07.1957; 1 ♀, Iași, 15.05.1956; Agiea: 1 ♀, 11.08.1957; 1 ♂, 27.07.1958; 1 ♀, 8.08.1968; 1 ♂, 1 ♀, Secu, 30.07.1959; 1 ♀, Valea lui David, 30.07.1977; 1 ♀, Putredeni, 7.05.1980; 2 ♀♀, Dorna Candrenilor, 23.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Craiova-Obedeanu, 30.09.1973, leg. I. Firu; Craiova: 2 ♀♀, 10.05.1975; 1 ♀, 20.05.1975, leg. I. Firu (MO); 2 ♂♂, 2 ♀♀, Azuga, coll. Ed. Fleck; 3 ♂♂, 2 ♀♀, Brașov, coll. Fr. Deubel; 1 ♀, Ariușd (Erösd), coll. Fr. Deubel; 1 ♂, 1 ♀, Șpring; 2 ♂♂, 1 ♀, Tâmpa Mt., coll. Fr. Deubel; 1 ♂, Lotru valley, coll. Ed. Fleck; 1 ♂, Poieni, 17.04.1953, leg. I. Ceianu; 1 ♂, Budești, 5.07.1957, leg. A. Roșca; 1 ♂, Sinaia (Cumpătu), 22.05.1965, leg. Șt. Negru; Fundulea: 1 ♀, 12.06.1978; 2 ♂♂, 1 ♀, 12.06.1978, leg. M. Mateiaș; 1 ♀, Purani, 28.09.1979, leg. R. Serafim; 2 ♂♂, Snagov, 13.10.1979, leg. R. Serafim; 1 ♀, Valea Putnei, 17.05.1981, leg. I. Ceianu; 1 ♀, Căstrele Traiane, Plenița forest, 8.10.1981, leg. R. Serafim; 1 ♀, Odăile, leg. Ș. Procheș; Small Island of Brăila: 6 specs, 30.06.1994; 1 ♂, 15.07.1994, leg. C. Ciubuc; 1 ♂, 1 ♀, Bârsana, 3-9.07.1995, leg. C. Pârvu; 3 specs, Săpânța, forest range Colibi, 5-14.07.1996, leg. C. Pârvu; 1 ♂, Mara (Desești), 17.07.1998, leg. C. Pârvu; 1 spec., Pasărea forest, 3.05.1998, leg. C. Pârvu; 1 ♂, București (the garden of Institute of Speology), 7.05.1998, leg. M. Stan; 1 ♂, Piatra Craiului Mts, Sătic, near chalet Valea Scheilor, 28.06-1.07.2002, leg. C. Pârvu; 1 spec., Făgărașului Mts, chalet Capra, 22.06.2003, leg. A. Stănescu; 1 ♀, Hermitage Locurele, 8.07.2004, leg. C. Ban; 1 spec., Făina, Făina valley, horse dung, 22.07.2004, leg. M. Stan; 1 ♀, Măcin Mountains National Park, Luncavița, Valea Fagilor, deciduous forest (*Carpinus betulus*, *Fagus sylvatica*), bank of Pojorâta stream, 24.05.2005, leg. M. Stan; 1 ♂, Comana forest, Izvorul cu Nuci, 7.06.2006, leg. C. Pârvu; 1 spec., Boteni, SE edge of *Fagus* forest, pasture, (N: 46°38'06", E: 25°40'39"), 890 m a.s.l., cow dung, 28.03.2006, leg. Gy. Makranczy; 1 ♂, Mehedinți Plateau, Motru Sec valley, bank of Motru Sec stream, deciduous litter, 25.07.2007, leg. M. Stan (MGAB).

*Philonthus caucasicus* Nordmann, 1837

(Figs 5 B, 13 B)

*Examined material:* Huși: 1 ♀, 7.07.1956; 1 ♂, 15.07.1956; 1 ♀, Podu Iloaiei, 28.09.1956; 4 ♂♂, 2 ♀♀, Eforie, 12.08.1957; 2 ♂♂, 2 ♀♀, Techirghiol, 15.08.1957; 1 ♀, Tuzla, 17.08.1957; 1 ♀, Valea lui David, 15.05.1967, leg. L. Raianu, coll. L. Raianu (MINI).

*Philonthus cochleatus* Scheerpeltz, 1937

(Figs 5 C, 13 C)

*Examined material:* 2 ♀♀, Sighișoara (under the name *Ph. concinnus*) coll. K. Petri (BNM); 1 ♂, Huși, 15.07.1957; Murgeni: 2 ♂♂ (one male under the name *Ph. coprophilus*), 1 ♀, 18.07.1957; 1 ♀, 13.06.1958; 1 ♀, Bârlad, 20.07.1957; 1 ♀, Hăghimaș Mts, 21.07.1957; 1 ♂, Fălticeni, 29.07.1957; Agigea: 1 ♂, 2 ♀♀, 12.08.1957; 3 ♀♀ (one female under the name *Ph. coprophilus*), 16.08.1957; 2 ♂♂, 1 ♀, 18.08.1957; 1 ♂, 2 ♀♀, 20.08.1957; 1 ♂, 1 ♀, 22.08.1957; 1 ♂, 1 ♀, 26.08.1957; 3 ♀♀, 27.07.1958; 1 ♀, 27.08.1958 (under the name *Ph. coprophilus*); 1 ♂, Adamclisi, 11.05.1960; 1 ♂, Constanța, 15.07.1964; 1 ♂, Zamca, 22.07.1965; Eforie: 1 ♀, 2.08.1957; 1 ♂, 1 ♀, 12.08.1957; 1 ♀, 23.08.1957; 1 ♂, 4.08.1965; 1 ♀, Sinaia, 18.08.1965; 1 ♀, Florești, 22.08.1965; 2 ♂♂, 2 ♀♀ (one female under the name *Ph. cruentatus* f. *extinctus*), Valea lui David, 15.05.1967; Breazu forest: 4 ♂♂, 6 ♀♀, 16.04.1968; 1 ♀, 23.04.1970; Iași: 1 ♂, 30.03.1967; 1 ♂, 2 ♀♀, 31.05.1968; 1 ♀, Dorna Candrenilor, 26.08.1985; 2 ♀♀, Limanu, 15.07.1986 (under the name *Ph. parvicornis*); leg. L. Raianu, coll. L. Raianu (MINI); 2 ♀♀, Segarcea, 4.10.2001, leg. C. Chimișliu (MO); 1 ♂, Șpring; 1 ♀, Iași, 17.04.1963; 1 ♂, Gârla Manta (Gostinu), dike km 468, cow dung, 23.06.2004, leg. M. Stan; 2 ♂♂, 2 ♀♀, Izvorul Dulce, bed of Slânic River, fresh cow dung, 3.05.2005, leg. V. Ungureanu; 1 ♂, Măcin Mountains National Park, Greci, cow dung, 25.05.2005, leg. M. Stan (MGAB).

*Philonthus cognatus* Stephens, 1832

(Fig. 11 B)

*Examined material:* Austria: 1 ♀, Carinthia, coll. K. Petri (BNM); Morocco: 2 ♂♂, Moulay-Idriss, (N: 33°59'12", W: 005°33'45"), 315 m a.s.l., 1.05.2007, leg. S. Grigore (MGAB); Romania: Sighișoara: 2 ♂♂, 1891; 1 ♂, Wietenberg, 03.1903, leg. K. Petri; 2 ♂♂, 1 ♀, Cluj, 1890, coll. K. Petri (BNM); 1 ♀, Agigea, 11.08.1957; 1 ♀, Buciumeni, 5.09.1960; 1 ♂, Câmpulung Moldovenesc, 30.07.1964; 1 ♀, Roznov, 12.08.1967; 2 ♂♂, 2 ♀♀, Dumbrava forest (Ciurea), 24.03.1968; 1 ♂, Brașov, 2.06.1980; Valea lui David: 1 ♀, 31.05.1977; 2 ♂♂, 10 06 1977; 1 ♂, Vatra Dornei, 15.08.1989, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Craiova-Obedeanu, 30.09.1974, leg. I. Firu (MO); 1 ♂, Hășmașul Mare Mt., coll. Fr. Deubel; 1 ♂, 1 ♀, Brașov, coll. Fr. Deubel; 1 ♀, Postăvarul Mt., coll. Fr. Deubel; 1 ♂, 2 ♀♀, Azuga, coll. Ed. Fleck; 1 ♀, Comarnic, coll. Ed. Fleck; 1 ♂, Comana, 31.05.1956; 1 ♀, Sinaia, 10.08.1964, leg. Șt. Negru; Fundulea: 1 ♂, 2 ♀♀, 8.06.1978; 2 ♂♂, 12.06.1978, leg. M. Mateiaș; 1 ♀, Piatra Craiului Mts, Bârsa Mare valley-Plaiul Foi route, meadow, 12.07.1990, leg. Il. Ronai; 1 ♀, Valea Putnei, 18.05.1981, leg. I. Ceianu; 1 ♀, Periș, 10.10.1991, leg. Ș. Procheș; 1 ♂, București, 08.1992, leg. Ș. Procheș; 2 ♀♀, Small Island of Brăila, 30.06.1994, leg. C. Ciubuc; 1 ♂, Bârsana, 8.09.1995, leg. C. Pârvu; 1 ♂, Săpânța (forest range Colibi), 5-14.07.1996, leg. C. Pârvu; 1 ♂, Retezat National Park, Bârlui valley (chalet Gura Zlata), 18.07.1996, leg. D. Purice; 1 ♂, Jiu valley, 5.07.2004, leg. I. Petrescu (MGAB).

*Philonthus concinnus* (Gravenhorst, 1802)

(Fig. 13 B)

*Examined material:* Czech Republic: 1 ♂, Bohemia, Františkovy Lázně, leg. K. Petri (under the name *Ph. corvinus*); Hungary: 1 ♂, Neusiedl Lake, (under the name *Ph. umbratilis*), coll. K. Petri (BNM); Morocco: 1 ♂, Tazlida (N: 31°25'19", W: 007°24'23"), 1290 m a.s.l., in barley culture with umbelifers, 26.04.2007, leg. S. Grigore (MGAB); Romania: Sighișoara: 1 ♀; 1 ♂, Wietenberg, 9.03.1906, leg. K. Petri (under the name *Ph. umbratilis*); 1 ♀, Cluj; Făgărașului Mts: 1 ♂, 1 ♀, Negoiu Peak, 1890; 3 specs, Laita Peak, leg. K. Petri, 1 ♂, Dej, 1890; 1 ♀, Borsec, 1911 (all eight specimens under the name *Ph. ebeninus*), 1 ♂, Cluj, leg. K. Petri; 1 ♂, Năsăud, 1890; 2 ♀♀, Rodna Mts, 1900; coll. K. Petri (BNM); 1 ♂, 1 ♀, Huși, 15.07.1956; 1 ♂, 1 ♀, Buciumeni, 27.09.1956; Murgeni: 1 ♂, 2 ♀♀, 18.07.1957; 1 ♂, 1 ♀, 19.07.1957; 1 ♀, Fălticeni, 29.07.1957 (under the name *Ph. jurgans*); Agigea: 1 ♂, 2 ♀♀, 20.07.1957; 1 ♂, 10.08.1957; 1 ♂, 5.08.1957; 1 ♂, 1 ♀, 27.07.1958; 1 ♂, 2 ♀♀, 8.08.1958; 3 ♂♂, 13.08.1958; Eforie: 1 ♀, 12.08.1957 (under the name *Ph. parvicornis*); 1 ♂, 15.08.1957; 1 ♀, Techirghiol, 15.08.1957 (under the name *Ph. jurgans*); 1 ♂, Secu, 30.07.1959 (under the name *Ph. dimidiatus*); 1 ♂, Adamclisi, 11.05.1960; 1 ♀, Holboca, 31.05.1968 (under the name *Ph. cruentatus*); 1 ♀, Letea forest, 26.06.1968, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Verbicioara, 16.05.1951, leg. I. Firu (MO); 1 ♂, Tâmpa Mt., coll. Fr. Deubel; 1 ♂, 1 ♀, Calafat, coll. Ed. Fleck; 1 ♂, București, coll. A. L. Montandon; 1 ♂, Brașov, coll. Fr. Deubel; 1 ♂, 1 ♀, Șpring; 1 ♂, 1 ♀, Canaraua Fetii, 8.09.1964, leg. Șt. Negru; Hagieni: 1 ♂, 26.03.1965; 1 ♂, 29.10.1965; 3 ♀♀, Periprava, 1 04 1966, leg. Șt. Negru; 1 ♂, Ada-Kaleh, 6 06 1967, leg. Șt. Negru; Caraorman forest: 1 ♂, 22 09 1967; 1 ♂, 15 06 1969, leg. Șt. Negru; 1 ♀, Bârla, 17 08 1979, leg. R. Serafim; 1 ♂, Purani, 28 09 1979, leg. R. Serafim; 1 ♀, Poiana Neamțului, 18 07 1985, leg. R. Serafim; 1 ♂, București, 1991, leg. Ș. Procheș; 1 ♂, 1 ♀, Tohani, 19 10 1997, leg. Ș. Procheș; 1 ♂, Măcin Mountains National Park, Cerna (cow dung, ex-wine plantation), 26 05 2005, leg. R. Serafim; 3 ♂, Vlașin, Ogarca forest (*Quercus* sp.), skirt of forest, cow dung, 22 06 2006, leg. M. Stan; 1 ♂, Mehedința, 21 07 2008 (water trap), leg. M. Stan; 1 ♀, Celic Dere, decidous forest, litter, 19 07 2006, leg. M. Stan; 1 ♀, Celic Dere, 20 07 2006, leg. Al. Iftime; 1 ♂, Dobrovăț, Pietrosu forest, cow dung, 4 06 2012, leg. M. Stan (MGAB).

*Philonthus confinis* A. Strand, 1941

(Figs 7 A, 14 B)

*Examined material:* 1 ♀, Grajduri, 7.07.1956 (under the name *Ph. cruentatus*); 1 ♂, Rarău Mt., 26.06.1957; 1 ♂, Murgeni, 15.08.1960; 1 ♂, Rădăuți, 2.07.1963; 1 ♂, 6 ♀♀, Tarna Mare (Oaș Mts), 28.08.1963; 5 ♀♀, Iași, 15.05.1966 (four females under the name *Ph. cruentatus*); 4 ♀♀, Valea lui David (one female under the name *Ph. varians*), 15.05.1967, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Rodnei Mts, coll. Fr. Deubel; 1 ♂, Turnu Roșu, 13.05.1986, leg. I. Matache (MGAB).

*Philonthus coprophilus* Jarrige, 1949

(Figs 6 B, 14 A)

*Examined material:* 1 ♀, Murgeni, 19.07.1957; 1 ♂, Rădăuți, 30.06.1963; 1 ♂, Zamca, 22.06.1965; 1 ♀, Iași, 20.07.1965; 2 ♂♂, Breazu, 23.04.1970, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Brașov, coll. Fr. Deubel; 1 ♂, 3 ♀♀, Săliște de Sus, near the stream Idișor, on the forest road, horse dung, 23.06.2003, leg. M. Stan (MGAB).

*Philonthus corruscus* (Gravenhorst, 1802)

(Fig. 12 C)

*Examined material:* Sighișoara: 1 ♂, 1 ♀, leg. K. Petri, 1 ♀, 1891, coll. K. Petri (BNM); 1 ♀, Agigea, 11.08.1957; 2 ♂♂, Limanu, 15.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Postăvarul Mt., 1 ♂, Brașov, coll. Fr. Deubel; 1 ♀, Foieni, 24.04.1986, leg. C. Pârvu; 1 ♂, Tohani, 19.10.1997, leg. Ș. Procheș (MGAB).

*Philonthus cruentatus* (Gmelin, 1790)

(Figs 5 E, 14 A)

*Examined material:* 1 ♂, Homorod, 1885, leg. K. Petri; 1 ♂, Sighișoara, 1888, leg. K. Petri; 1 ♂, Parâng Mts, 1888, leg. K. Petri; 1 ♀, Surduc Pass, 1888, leg. K. Petri, coll. K. Petri (BNM); Valea lui David: 2 ♀♀, 7.05.1956, 9 ♂♂, 13 ♀♀, 15.05.1967; 1 ♀, Cîrcic, 4.07.1957; Pângărați: 1 ♀, 26.07.1957; 2 ♂♂, 22.07.1961; Roznov: 1 ♂, 20.08.1957; 1 ♀, 12.08.1967; Rădăuți: 6 ♂♂, 2 ♀♀, 25.06.1963; 2 ♂♂, 3 ♀♀, 2.07.1963; 10 ♂♂, 21 ♀♀, Zamca, 22.06.1965; 3 ♀♀, Tarna Mare (Oaș Mts), 28.08.1963 (two females under the name *Ph. confinis*); Iași: 4 ♂♂, 5 ♀♀, 15.05.1966 (two females under the name *Ph. confinis*); 1 ♀, 30.03.1967; Breazu forest: 2 ♀♀, 16.04.1968; 1 ♀, Hanu Conachi, 15.08.1969; 2 ♂♂, 23.04.1970; 1 ♀, 22.05.1967; Dorna Candrenilor: 1 ♀, 14.08.1985 (under the name *Ph. confinis*); 1 ♂, 8 ♀♀, 21.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); Galbenu valley: 1 ♂, 2 ♀♀, 10.08.2005; 2 ♀♀, 13.08.2005, leg. C. Chimișliu (MO); 1 ♂, Brașov Mts, coll. Fr. Deubel; 1 ♂, Bârla, 19.08.1979, leg. R. Serafim; 1 ♀, Târgu Ocna, Boghii stream, leg. Ș. Procheș; 1 ♀, Sălișteea de Sus, near the stream, on the forest road, horse dung, 23.06.2003, leg. M. Stan; 1 ♂, 1 ♀, Poienile de sub Munte, small village Luhei, forest road near Coșnea stream, cow dung, 16.06.2003, leg. M. Stan; 4 specs, Izvorul Dulce, bed of Slănic River, fresh cow dung, 3.05.2005, leg. V. Ungureanu; 2 ♂♂, 2 ♀♀, Făgărașului Mts, Valea lui Stan River, cow dung, 7.08.2004, leg. M. Stan (MGAB).

*Philonthus cyanipennis* (Fabricius, 1793)

(Fig. 9 A)

*Examined material:* 3 ♂♂, 1 ♀, Sighișoara (Fuchsloch); 1 spec., Sighișoara, 9.06.1899; 1 ♂, Sovata, 5.06.1911, coll. K. Petri (BNM); 1 ♂, Gușterița, 22.03.1968, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Hărman, coll. Fr. Deubel; 1 ♂, Saschiz; 1 ♀, Tarcău, 30.09.1959, leg. X. Scobiola; 1 ♂, Voineasa, 1.08.1996, leg. Ș. Procheș (MGAB).

*Philonthus debilis* (Gravenhorst, 1802)

(Fig. 13 A)

*Examined material:* Sighișoara: 1 ♂, 20.02.?, leg. K. Petri; 1 spec., 1887; 1 ♀, Wieteberg, 03.1900, leg. K. Petri; 2 ♂♂, Năsăud, 1890, 2 specs, Făgărașului Mts, Laita Peak, 1896; 1 spec., Dej, 1890; 1 ♂, Mehadia, 1895, leg. K. Petri (under the name *Ph. ventralis*); 1 ♂, Rodna Mts, 07.1900; coll. K. Petri (BNM); Agigea: 1 ♀, 11.08.1957; 1 ♂, 4 ♀♀, 27.07.1958; 1 ♂, 1 ♀, 5.08.1958; 3 ♂♂, 4 ♀♀, 8.08.1958; 1 ♂, 13.08.1958; 1 ♂, 6 ♀♀, 15.08.1958; 1 ♀, 18.08.1958; 1 ♂, 13.08.1958; Eforie: 1 ♂, 12.08.1957; 1 ♀, 15.08.1957; 1 ♀, Huși, 16.07.1956; 1 ♂, Murgeni, 20.07.1957; 1 ♂, Fălticeni, 29.07.1957; Iași: 1 ♂, 3.07.1959; 1 ♀, 28.07.1969; 1 ♀, 26.08.1969; Hanu Conachi: 2 ♂♂, 5 ♀♀, 13.08.1969; 2 ♀♀, 15.08.1969, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Râșnov, coll. Fr. Deubel; 1 ♂, Măcin, coll. A. L. Montandon; 1 ♂, 1 ♀, Poienile de sub Munte, Coșnea valley, 780 m a.s.l., cow dung, 19.07.2004, leg. M.

Stan; 1 ♀, Niculițel, deciduous forest, litter, 20.07.2006, leg. M. Stan; 1 ♂, Dobrovăț, Pietrosu forest, cow dung, 4.06.2012, leg. M. Stan (MGAB).

*Philonthus decorus* (Gravenhorst, 1802)

(Fig. 10 A)

*Examined material:* Belarus: 1 ♂, 1 ♀, Berezinsky Biosphere Reserve, Vitebsk Region, forest (*Picea abies* with *Oxalis acetosella*), 26.04-01.06.2011, leg. Alexander Lukashuk; Bulgaria: 2 ♂♂, Capitato?, under stones, 16.09.1964, leg. Șt. Negru; Poland: 1 ♂, Malbork, 25.04.1967, leg. Șt. Negru; 1 ♂, Gdańsk, under stone, 24.04.1967; 3 ♂♂, 1 ♀, Oliva, Gdańsk, under stones, 26.04.1967, leg. Șt. Negru (MGAB); Romania: 1 ♂, Sighișoara, leg. K. Petri; 1 spec., Retezat Mts, 1894; 1 ♂, Aiud, 1 ♀, Sibiu, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, Broșteni, 5.05.1958; 2 ♂♂, Negrișoara, 13.05.1958; 1 ♂, Slătioara, 25.06.1977, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, Gușterita; 2 ♂♂, Zărnești, 1 ♂, Tâmpa Mt., coll. Fr. Deubel; Sinaia: 1 ♀, 10.10.1953; 1 ♂, 29.05.1964, leg. Șt. Negru; 1 ♀, Sinaia 9.08.1969, leg. A. Roșca; 1 ♂, Stâna de Vale, 05.07.1965, leg. I. Andreescu; 1 ♂, Pietra Mare Mt., 06.04.1971; Băile Herculane, 900 m a.s.l.: 3 ♂♂, 4.06.1978; 1 ♂, 24.06.1978; 1 spec., 16.07.1978, leg. I. Ceianu; 1 ♂, 1 ♀, Semenic - Cheile Carașului National Park, 11.08.1978, leg. A. Săftoiu; Valea Putnei, 900 m a.s.l.: 1 ♂, 1 ♀, 18.05.1981; 2 ♂♂, 25.05.1981; 2 ♂♂, 18.06.1981, leg. I. Ceianu; 1 ♀, Poiana Neamțului, 18-21.07.1985, leg. R. Serafim; 1 ♂, Iezer Mts, 07.1991, leg. Ș. Procheș; 1 ♀, Ieud, 4.07.1995, leg. I. Matache; 11 ♂♂, 3 ♀♀, Repedea (forestry range), 23.06.-2.07.1997, leg. C. Pârvu; 1 spec., Stoenești, 23.08.1997, leg. Ș. Procheș; 3 ♂♂, 4 ♀♀, Ocna Șugatag, chalet Pleșca, 10.07.1998, leg. C. Pârvu; 1 ♀, Pietra Neamț, leg. Ș. Procheș; Retezat National Park, Gura Zlata: 1 ♂, Bârlui valley, beech forest, 25.05.1997, leg. M. Stan; 4 ♂♂, 2 ♀♀, 18.07.1998; 1 ♂, 22.07.1998; 6 ♂♂, 13 ♀♀, 08.-10.2000; 1 ♂, Dobrun valley, beech forest, 28.05.1998, leg. D. Purice; 1 spec., Sârbi, the bank of Coșeu River, 10.07.1998, leg. Ș. Procheș; Pietra Craiului Mts: 2 ♂♂, 1 ♀, Plaiul Foi, 26.04.1990, leg. R. Serafim; 1 ♂, Gura Râului, 25.06.-5.07.2000, leg. C. Pârvu; 1 ♀, Dâmbovicioara, Valea Rea, beech forest, litter, 1060 m a.s.l., 20-24.06.2005, leg. M. Stan; 1 ♂, Dâmbovicioara, Izvor valley, 23.06.2005, leg. M. Stan; 7 specs, 0.7 km SW Popasul Craiului, streambank under bridge on Bârsa Mare River, 810 m a.s.l., *Alnetum* (*Alnus incana*), (N: 45°34'06", E: 25°12'53"), pitfall trap (beer and rotten cheese), 14.06.-18.07.2011, leg. Gy. Makranczy; 1 spec., Galeșu, 7-21.07.2001, leg. C. Pârvu; 1 ♂, Poienile de sub Munte (confluence Budescu Mare-Rica), beech and spruce forest, 14-19.06.2003, leg. M. Stan (MGAB).

*Philonthus dimidiatipennis* Erichson, 1840

(Figs 7 E, 16 B)

*Examined material:* France: 1 ♀, Corsica, coll. K. Petri (BNM); Romania: 227 specs, Letea, 25.07.1962; 1 ♀, Jigălia, 29.07.1965, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 2 ♀♀, Sand Chituc, Sinoe Lake-Black See channel, 17.08.2003, leg. C. Ciubuc (blacklight traps) (MGAB).

*Philonthus discoideus* (Gravenhorst, 1802)

(Fig. 15 A)

*Examined material:* Czech Republic: 2 ♀♀, Bohemia, coll. K. Petri (BNM); 1 ♂, Teschen, coll. Th. v. Wanka (MGAB); Romania: Agigea: 1 ♂, 19.08.1957; 1 ♂, 8.08.1958; 1 ♂, 15.08.1958; 1 ♂, Techirghiol, 19.08.1957; 1 ♀, Șoimuș, 14.07.1962; 1 ♀, Jigălia, 29.07.1965; 1 ♂, 3 ♀♀, Eforie, 29.07.1985; leg. L. Raianu, coll. L. Raianu

(MINI); 1 ♀, Craiova, 5.06.1964; 1 ♂, Răcarii de Jos, 21.06.2000, leg. C. Chimişliu (MO); 1 ♂, Azuga, coll. Ed. Fleck; 1 ♀, Constanța, 1.08.1971, leg. A. Săftoiu.

*Philonthus ebeninus* (Gravenhorst, 1802)

(Figs 5 D, 13 C)

*Examined material:* Romania: Huși: 1 ♀, 7.07.1956; 1 ♂, 12.07.1956; 1 ♂, 15.07.1957; Breazu forest: 2 ♂♂, 11.06.1957; 1 ♂, 12.07.1957; 1 ♀, 16.04.1967; 1 ♀, Pângărați, 15.07.1957; 1 ♂, Murgeni, 18.07.1957; 1 ♀, Eforie, 12.08.1957 (under the name *Ph. concinnus*); Iași: 1 ♂, 1 ♀, 15.05.1966; 1 ♂, 15.06.1967; 1 ♂, 3.07.1969; 2 ♀, Ruginești, 7.07.1969; 1 ♂, Potoci, 20.07.1972; 1 ♀, Piciorul Humăriei, Ceahlău Mt., 6.07.1977 (under the name *Ph. rectangulus*), leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, Măcin Mountains National Park, Cerna, ex-wine plantation, cow dung, 26.05.2005, leg. R. Serafim; 1 ♂, Izvorul Dulce, bed of Slănic River, fresh cow dung, 3.05.2005, leg. V. Ungureanu (MGAB); Russia: 1 ♂, Kislovodsk (MGAB).

*Philonthus frigidus frigidus* Märkel & Kiesenwetter, 1848

(Fig. 12 A)

*Examined material:* 1 ♂, 1 ♀, Retezat Mts, Zănoaga, leg. K. Petri; 3 ♀♀, Parâng Mts, 1894, leg. K. Petri, coll. K. Petri (BNM); 1 ♀, Buzăului Mts, coll. Fr. Deubel; 3 ♂♂, 1 ♀, Hațegului Mts, alpin; 1 ♂, Prejba, Lotrului Mts, coll. Fr. Deubel; 1 ♂, 1 ♀, Retezat Mts (Buta chalet), 1580 m a.s.l., 30.08.1994, leg. Ș. Procheș; 3 ♂♂, 1 ♀, Bucegi Mts, 0.5 km W, Vârful cu Dor, lonely snow, patch under top, 1950 m, between grasses, stones at the edge of melting snow (N: 45°21'06", E: 25°28'56"), 27.06.2006, leg. Gy. Makranczy (MGAB).

*Philonthus fumarius* (Gravenhorst, 1806)

(Fig. 16 A)

*Examined material:* Germany: 1 ♂, Brandenburg, "Märkische Schweiz" Nature Reserve "Grosser Klobichsee" W Münchehofe outlet of the bank, 7.05.2005, leg. M. Stan; Romania: Sighișoara: 1 ♂, 1891, leg. K. Petri; 1 ♂, Târnava, leg. K. Petri, coll. K. Petri (BNM); 2 ♀, Sibiu, 15.08.1959; 1 ♂, București, 15.03.1960, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Altfluss; 1 ♀, Șpring, coll. Fr. Deubel; 1 ♂, Crișan, 10.10.1968, leg. X. Scobiola (MGAB).

*Philonthus intermedius* (Lacordaire, 1835)

(Fig. 9 B)

*Examined material:* Germany: 1 spec., Juist, Nordsee; Morocco: 2 ♀♀, Moulay-Idriss (N: 33°59'12", W: 005°33'45"), 315 m a.s.l., 1.05.2007, leg. S. Grigore (MGAB); Romania: 1 ♀, Cluj, 1890, coll. K. Petri (BNM); 1 ♂, Breazu, 11.06.1957; 1 ♀, Rarău Mt., 27.06.1957; 1 ♀, near Vițau stream (Putna), 18.06.1963; Rădăuți: 2 ♀♀, 22.06.1963; 2 ♀♀, 2.07.1963; 2 ♂♂, 2 ♀♀, Zamca-Suceava, 22.06.1965; 1 ♂, 4 ♀♀, Valea lui David, 15.05.1967; 3 ♂♂, 4 ♀♀, Piciorul Humăriei, Ceahlău Mt., 6.07.1977, leg. L. Raianu, coll. L. Raianu (MINI); 2 ♂♂, Galbenu valley, 13.08.2005, leg. C. Chimişliu (MO); 1 ♀, București, 06.1992, leg. Ș. Procheș; 1 ♂, Buzău, 16.06.2002, leg. V. Ungureanu; 1 ♀, Malu, dike, km 508, cow dung, 27.04.2004; 1 ♀, Slobozia, around fish farm, garden, pig dung, 10.06.2004, leg. M. Stan; 2 ♀♀, Ciorăști, bank of Râmnicu Sărat River (N: 45°26.487', E: 027°18.702'), cow dung, 27.05.2009, leg. M. Stan (MGAB).

*Philonthus jurgans* Tottenham, 1937  
(Figs 6 E, 14 B)

*Examined material:* 1 ♂, Murgeni, 15.08.1960, leg. L. Raianu, coll. L. Raianu (MINI).

*Philonthus laevicollis* (Lacordaire, 1835)  
(Figs 2 B, 9 C)

*Examined material:* 1 spec., Negoiu Peak, 1887; 1 spec., Rodna Mts, 1890; 2 ♀♀, Bălan, 1902; 1 ♂, Făgăraşului Mts, Bălea; leg. K. Petri; 1 spec. Bistra, 07.1907, coll. K. Petri, (BNM); 1 ♂, Dorna Candrenilor, 18.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Haţegului Mts; 1 ♂, Rodna Mts; 1 ♂, Zărneşti; 1 ♂, 1 ♀, Postăvarul Mt., coll. Fr. Deubel; 1 ♀, Azuga; 1 ♀, Valea Cerbului, coll. Ed. Fleck; 1 ♀, Sinaia, 9.06.1970, leg. D. Murariu; Valea Putnei, 900 m a.s.l.: 1 ♀, 11.05.1975; 1 ♂, 2 ♀♀, 2.06.1980; 1 ♂, 11.06.1980; 2 ♀♀, 18.05.1981; 2 specs, 20.05.1981; 1 ♂, 6 ♀♀, 25.05.1981; 1 ♂, 29.05.1981; 1 ♂, 3 ♀♀, 12.06.1981; 1 ♂, 1 ♀, 18.06.1981; 1 ♂, 29.06.1981; 1 ♀, 13.07.1981, leg. I. Ceianu; Piatra Craiului Mts: 3 ♂♂, 1 ♀, Zărneşti, Râul Mare, 25.06.-5.07.2000; Gura Râului, 4 ♂♂, 3 ♀♀, 25.06.-5.07.2000, leg. C. Pârvu (MGAB).

*Philonthus laminatus* (Creutzer, 1799)  
(Fig. 9 B)

*Examined material:* Germany: 1 ♀, Kisslegg, Ravensburg, Baden-Württemberg, 15.09.1921, coll. a.v.d. Trappen, Stuttgart; Romania: 1 ♂, Făgăraşului Mts, Şerbota Peak, 1887; 1 ♀, Rodna Mts, 1890; Retezat Mts: 1 ♂, 1894, 1 ♀, 1899; 1 ♂, Sighişoara, 12.10.?, leg. K. Petri (under the name *Ph. intermedius*), coll. K. Petri (BNM); 1 ♀, Bucureşti (Băneasa), 20.08.1958, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Bahna valley, 20.04.1984, leg. E. Botu; 1 ♂, Şimnic, 30.05.2000, leg. C. Chimişliu; 1 ♀, Craiova, Botanical Garden, 5.06.2003, leg. A. Vişan (MO); 1 ♀, Azuga, 1 ♀, Poiana Țapului, 2 ♀♀, Zărneşti, coll. Fr. Deubel; 1 ♂, 1 ♀, Bran, leg. R. Canisius; 1 ♀, Sinaia, 21.06.1963, leg. A. Roşca; 1 ♂, Izvoare, Rudari forest, 8.10.1981, leg. G. Andrei; 1 ♀, Perişor, 22.08.1982, leg. I. Drăghia; 1 ♂, 22.09.1982, leg. I. Drăghia; 3 ♀♀, 23.09.1982, leg. R. Serafim; 1 ♀, 24.09.1982, leg. G. Andrei; 1 ♀, Strehaia, 11.05.1982, leg. G. Andrei; 1 ♂, Băileşti, 20.06.1982, leg. I. Matache; 1 ♀, Bucureşti, Băneasa, 22.04.1996, leg. Vl. Brădescu (MGAB).

*Philonthus lepidus* (Gravenhorst, 1802)  
(Fig. 11 C)

*Examined material:* 2 ♀, Racoşul de Sus, 17 05 1902, leg. K. Petri; 1 ♀, Deva; 2 ♂, Turnu Roşu, leg. K. Petri; 1 ♀, Răstoliţa; 1 ♂, Borsec, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, 2 ♀, Haţeg, 15 05 1965, leg. L. Raianu, coll. L. Raianu (MINI); 2 ♂, 2 ♀, Talinenberg, Hărman, 23 04 1900; 2 ♂, 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, Tâmpa Mt., 1 ♂, Braşov, 1 ♂, Racoş, coll. Fr. Deubel (MGAB).

*Philonthus longicornis* Stephens, 1832 (Figs 6 A, 14 A)

*Examined material:* 1 ♂, Murgeni, 20.07.1957; Agigea: 1 ♀, 10.08.1957; 1 ♂, 27.07.1958; Eforie: 2 ♂♂, 12.08.1957; 1 ♀, 22.08.1957; 2 ♂♂, 1 ♀, Techirghiol, 15.08.1957; 1 ♂, Constanţa, 3.08.1958; 1 ♀, Pângăraţi, 28.07.1959; 1 ♂, Potoci, 15.07.1969; 1 ♀, Secului valley (Călimani Mts), 22.07.1969; 1 ♀, Hanu Conachi, 15.08.1969; 1 ♀, Iacobeni, 10.08.1983; 1 ♀, Vama, 18.08.1983, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Calafat, coll. Ed. Fleck; 1 ♂, Ciorăşti, bank of Râmnicu Sărat River (N: 45°26.487', E: 027°18.702'), cow dung, 27.05.2009, leg. M. Stan (MGAB).

*Philonthus mannerheimi* Fauvel, 1869

(Figs 4 C, 11 B)

*Examined material:* 1 ♀, Turnu Roșu, 1908, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, Brașov, 15.04.1968, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Postăvarul Mt., 1 ♂, Hărman, coll. Fr. Deubel; 1 ♂, 2 ♀♀, Azuga, coll. Ed. Fleck; 2 ♂♂, Băile Herculane, 900 m a.s.l., 24.06.1978, leg. I. Ceianu; Valea Putnei, 900 m a.s.l.: 3 ♀♀, 18.05.1981; 2 ♀♀, 18.06.1981; 1 ♂, 1 ♀, 29.06.1981, leg. I. Ceianu; 1 ♂, Ieud, 07.1995, leg. C. Pârvu; 1 ♂, Repedea (forest range), 23.06.-2.07.1997, leg. C. Pârvu; 1 ♂, Piatra Craiului Mts: Padina lui Călineț, 12-15.06.2001, leg. M. Stănescu; 1 ♀, Motru Sec valley, under cow dung, 25.07.2007, leg. M. Stan (MGAB).

*Philonthus micans* (Gravenhorst, 1802)

(Figs 7 D, 16 A)

*Examined material:* Czech Republic: 3 specs, Bohemia, Františkovy Lázně, leg. K. Petri, coll. K. Petri (BNM); Germany: 1 ♂, Brandenburg, "Märkische Schweiz" Nature Reserve "Grosser Klobichsee" W Mücke, outlet of the bank, 7.05.2005, leg. M. Stan (MGAB); Romania: 1 ♂, 2 ♀♀, Ocna Mureș, 1890, leg. K. Petri; coll. K. Petri (BNM); 1 ♂, 1 ♀, Jigălia, 29.07.1965; 3 ♂♂, 4 ♀♀, Letea forest, 26.06.1968, leg. L. Raianu, coll. L. Raianu (MINI); 2 ♂♂, Comana, coll. A. L. Montandon; 2 ♂♂, Altfluss, coll. Fr. Deubel; Periprava: 1 ♀, 4.07.1965, leg. Șt. Negru; 1 ♂, 14.10.1966, leg. X. Scobiola; 1 ♂, Crișan, 13.07.1970, leg. Șt. Negru; Maliuc, mila 26 (light trap): 3 ♂♂, 1 ♀, 6.08.1991, leg. I. Matache; 4 specs, 9.08.1991, leg. R. Serafim; 1 ♂, Small Island of Brăila, 30.07.1994, leg. C. Ciubuc; 2 ♂♂, 1 ♀, Ieud, 07.1995, leg. C. Pârvu; 1 ♀, Bârsana, 2-9.07.1995, leg. C. Pârvu; 1 ♀, Săpânța, forest range Colibi, 880 m a.s.l., 5-14.07.1996, leg. M. Stănescu; 1 ♂, Braniște, Penciu forest, bank of the temporary pool, 22.06.2004, leg. M. Stan; 2 ♀♀, Slobozia islet, humid soil, 21.06.2004, leg. M. Stan; 1 ♂, 1 ♀, Vlașin, Ogarca forest (*Quercus* sp.), flooded area, 22.06.2006, leg. M. Stan; 1 ♂, 1 ♀, Haralambie islet, 27.05.2008; 4 ♂♂, 10 ♀♀, Fermecatui islet, bank of the temporary pool, 26.05.2008; 3 specs, Ceianu Nou islet, 26.05.2008; 5 ♀♀, Pisica islet, 26.05.2008, leg. M. Stan; 1 ♂, 2 ♀♀, Rogojeni, Pochina Lake, wetland with *Salix* sp. and *Rubus* sp., (N: 45°59.798', E: 028°05.451'), 29.09.2010, leg. M. Stan (MGAB).

*Philonthus montivagus* Heer, 1839

(Figs 2 A, 9 C)

*Examined material:* 1 ♀, Sighișoara, 1888, leg. K. Petri; 1 spec., Retezat Mts, 07.1894; 1 ♂, Parâng Mts, 1898; 1 ♀, Rodna Mts, 1900; 1 ♀, Făgărașului Mts, Șerbota Peak; 2 ♀♀, Bucegi Mts, 1894, coll. K. Petri (BNM); 1 ♀, Bucegi Mts, 1.09.1957, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 3 ♀♀, Rodna Mts; 1 ♂, Parâng Mts, coll. Fr. Deubel; 1 ♀, Retezat Mts (Pietrele chalet), 1480 m a.s.l., 27.08.1994, leg. Ș. Procheș (MGAB).

*Philonthus nitidicollis* (Lacordaire, 1835)

(Fig. 11 C)

*Examined material:* 1 ♀, Căinelu, 2.07.1961, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Azuga, coll. Ed. Fleck (MGAB).

*Philonthus nitidus* (Fabricius, 1787)

(Fig. 9 A)

*Examined material:* Czech Republic: 1 ♂, 1 ♀, Bohemia, coll. K. Petri (BNM); Romania: 1 ♀, Pângărați, 20.07.1957, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Brașov; 1 ♀, Borsec; 1 ♀, Făgărașului Mts, coll. Fr. Deubel; 1 ♀, Dobrogea; 1 ♂, Azuga, coll. Ed. Fleck; 1 spec., Valea Putnei, 900 m, 6.07.1981, leg. I. Ceianu; 1 ♂, Piatra Craiului Mts, Dâmbovicioara Gorges, 10.08.2004, leg. M. Stan (MGAB).

*Philonthus parvicornis* (Gravenhorst, 1802)

(Figs 5 F, 14 A)

*Examined material:* Austria: 1 ♂, 2 ♀♀, Linz; Czech Republic: 1 ♀, Tábora; Romania: 1 ♀, Sighișoara, leg. K. Petri; 1 ♀, Vlăhița, 1885; 1 ♀, Parâng Mts, 1898, leg. K. Petri (under the name *Ph. varians*), coll. K. Petri (BNM); 1 ♀, Iași, 15.05.1966, leg. L. Raianu, coll. L. Raianu (MINI); Huși: 2 ♀♀, 28.07.1956; 1 ♀, 15.07.1967; 1 ♂, Ciric, 4.07.1957; 1 spec., Bârlad, 20.07.1957; Agigea: 3 ♂♂, 2 ♀♀, 10.08.1957; 2 ♂♂, 3 ♀♀, 12.08.1957; 1 ♀, 16.08.1957; 3 ♂♂, 4 ♀♀, 19.08.1957; 5 ♂♂, 3 ♀♀, 20.08.1957; 2 ♂♂, 1 ♀, 26.08.1957; 1 ♂, 3 ♀♀, 27.07.1958; Techirghiol: 2 ♂♂, 15.08.1957; 2 ♀♀, 19.08.1957; Eforie: 5 ♂♂, 7 ♀♀, 12.08.1957; 1 ♂, 15.08.1957; 2 ♂♂, Tuzla, 17.08.1957; Pângărați: 1 ♂, 1 ♀, 7.07.1957; 1 ♀, 26.07.1957; Murgeni: 1 ♀, 18.07.1957; 1 ♀, 15.08.1960; 2 ♀♀, Constanța, 3.08.1958; 1 spec., Fălcu, 16.08.1960; Breazu forest: 1 ♂, 11.06.1957; 1 ♀, 15.08.1967; 1 ♂, 1 ♀, 16.04.1968; 1 ♂, Rădăuți, 25.06.1963; 1 ♂, Poiana Țapului, 7.08.1963; 1 ♂, 1 ♀, Sinaia, Valea Rea, 7.08.1963; 1 ♂, Predeal, 10.08.1963; 1 ♀, Brașov, 15.08.1963; Iași: 1 ♂, 6 ♀♀ (three females under the name *Ph. cochleatus*), 15.05.1966; 2 ♂♂, 3 ♀♀, 31.05.1968; Valea lui David: 1 spec., 16.05.1966; 2 ♂♂, 2 ♀♀, 15.05.1967; 1 spec., Mangalia, 28.07.1966; 1 ♀, Vama Veche, 28.07.1966; 4 ♂♂, 2 ♀♀, Hanu Conachi, 15.08.1969; 1 ♂, 1 ♀, Vatra Dornei; 16.08.1983; 1 ♀, Limanu, 15.07.1986; leg. L. Raianu, coll. L. Raianu (MINI); 3 ♂♂, 1 ♀, Galbenu valley, 8.08.2005, leg. C. Chimișliu (MO); 1 ♂, 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, Brașov, coll. Fr. Deubel; 4 ♂♂, 6 ♀♀, Izvorul Dulce, bed of Slănic River, fresh cow dung, 3.05.2005; 3 ♀♀, Dealu Balauru, on the west of Izvorul Dulce, cow dung, 16.04.2005, leg. V. Ungureanu; 1 ♂, 1 ♀, Ciorăști, bank of Râmnicu Sărat River (N: 45°26.487', E: 027°18.702'), cow dung, 27.05.2009, leg. M. Stan (MGAB).

*Philonthus politus* (Linnaeus, 1758)

(Figs 2 D, 10 B)

*Examined material:* Poland: 1 ♀, Wilanów, Warsaw, under elm log, 23.04.1967; 1 ♀, Malbork, under stone, 25.04.1967, leg. Șt. Negru; Romania: 1 ♂, Vlăhița, 1885; Cluj: 2 ♂♂, 1890; 1 ♂, 1 ♀, (under the name *Ph. addendus*); Sighișoara: 1 ♂, 1887; 3 specs, 1892, coll. K. Petri (BNM); 1 ♀, Valahia, coll. Ed. Fleck; Iași: 1 ♀, 28.06.1955; 2 ♀♀, 30.06.1968; 1 ♀, Bârnova, 12.06.1956; 3 ♂♂, 4 ♀♀, Fălticeni, 29.07.1957; 1 ♂, Eforie, 22.08.1957; 1 ♂, 1 ♀, Vlădiceni, 14.06.1966; 1 ♂, 1 ♀, Breazu forest, 9.05.1970, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Tâmpa Mt., coll. Fr. Deubel; 1 ♀, Bran, leg. R. Canisius; 1 ♀, C. A. Rosetti, 2.07.1964, leg. X. Scobiola; 2 ♂♂, 1 ♀, Lunca Prahovei, 24.05.1964, leg. Șt. Negru; 1 ♂, Orșova, 30.03.1967, leg. Șt. Negru; 1 ♂, Anghelești, 8.04.1976, leg. R. Serafim; 1 ♀, Rodna Mts (around chalet Rotunda, coniferous forest), 12.08.2011; 2 ♂♂, Parâng Mts, 16.08.2012, pheromone trap, leg. I. Iorgu (MGAB).

*Philonthus pseudovarians* A. Strand, 1941

(Figs 6 D, 14 B)

*Examined material:* 1 ♂, Rarău Mt., 22.06.1957, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 1 ♀, Azuga; 1 ♀, Lotru, coll. Ed. Fleck, 1 ♀, Braşov Mts, coll. Fr. Deubel; 1 ♂, Bucegi Plateau, 20.09.1963, leg. Şt. Negru (MGAB).

*Philonthus punctus punctus* (Gravenhorst, 1802)

(Fig. 16 B)

*Examined material:* Croatia: 1 ♂, coll. K. Petri (BNM); Macedonia: 1 ♀, Athos Mt.; Poland: 1 ♀, Malbork, 25.04.1967, leg. Şt. Negru; Romania: 2 ♂♂, 3 ♀♀, Ciric, 13.07.1962; 4 ♂♂, Letea, 25.07.1962; Agigea: 4 ♂♂, 1 ♀, 14.07.1956; 1 ♂, 27.07.1958; 1 ♀, 3.08.1958; 2 ♀♀, 12.08.1958; 14 ♂♂, 12 ♀♀, 28.07.1985; 58 ♂♂, 31 ♀♀, Jigălia, 29.07.1965; 1 ♂, Roznov, 12.08.1967; 1 ♂, Orşova, 26.04.1968; 29 ♂♂, 24 ♀♀, Stipoc, 24.06.1968; 13 ♂♂, 3 ♀♀, Eforie, 29.07.1985; 9 ♂♂, 10 ♀♀, Mangalia, 23.07.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Şimnic, 12.06.2008, leg. G. Filcu (MO); 1 ♀, Babadag, coll. Ed. Fleck; 1 ♂, Balta Bugeac (Ostrov), 25.07.1952; Agigea: 7 specs, 27.07.1963; 2 specs, 28.06.1964, leg. Şt. Negru; 2 specs, 16.07.2003, leg. R. Serafim; 3 specs, Cernica, 8.05.1962, leg. I. Drăghia; Orşova: 4 specs, 26.04.1968, under logs and stones, leg. Şt. Negru; 3 specs, 14.08.1969, leg. X. Scobiola; Eşelniţa: 3 specs, 14.08.1969, leg. X. Scobiola; 1 ♂, 1 ♀, 20.06.1970, leg. A. Roşca; 12 specs, Ostrovul Mare, 12.07.1979, leg. A. P. Gorj; 5 specs, Bistreţ, 25.06.1981, leg. D. Dumitrescu; 1 spec., Reşca, 6.08.1981, leg. I. Drăghia; Bârlad: 1 ♀, 7.08.1966, 1 spec., 20.08.1969, leg. A. Roşca; Danube Delta - Letea forest: 1 ♀, 28.07.1962, leg. A. P.-Gorj; 5 specs, 13.07.1964; 4 specs, 30.04.1965; 8 specs, 30.05.1965; 1 spec., 4.07.1965; 1 ♂, 1.08.1965; 1 spec., 24.06.1966; 4 specs, 14.07.1966; 3 specs, 1.08.1966, leg. Şt. Negru; 1 ♂, 2 ♀♀, 14.10.1966, leg. X. Scobiola; 1 ♂, Chilia Veche, 7.05.1964, leg. X. Scobiola; Sulina: 12 specs, 23.07.1964; 1 spec., 20.07.1966; 15 specs, 20-23.07.1966; 4 specs, 9.07.1967; 1 spec., 9.07.1968; 6 specs, 18.06.1969; leg. Şt. Negru; 3 specs, 7.07.1968; 1 spec., 11.07.1971; 1 spec., 7.09.1974; 5 specs, 07.1979, leg. A. P. Gorj; C. A. Rosetti: 4 specs, 5. 07.1965; 2 specs, 5.07.1966, leg. Şt. Negru; 1 spec., 19.07.1980; Crişan: 9 specs, 24.06.1967; 23 specs, 17.08.1967, leg. X. Scobiola; 6 specs, 26.09.1967; 4 specs, 13.07.1970; 4 specs, 16.07.1970; 7 specs, 18.07.1970; 4 specs, 21.07.1970, leg. Şt. Negru; Caraorman: 1 ♂, 18.06.1967, 1 spec., 12.05.1968, 1 ♀, 16.05.1968, leg. X. Scobiola; 1 spec., 6.06.1968; 2 specs, 5.07.1968, leg. Şt. Negru; 1 spec., 6.07.1968; 1 spec., 12.06.1969, leg. M. Weinberg; 1 spec., 13.06.1969, 1 spec., 29.08.1969, leg. Şt. Negru; 8 specs, 21.07.1979, leg. A. P. Gorj; Sfântu Gheorghe: 3 specs, 30.06.1971, leg. M. Weinberg; 1 spec., 3.07.1971; 2 specs, 10.08.1971, leg. X. Scobiola; 1 ♂, 1 ♀, 12.06.1995, leg. D. Ruşti; Maliuc (mila 26): 10 specs, 6.08.1991, leg. I Matache; 8 specs, 7.08.1991; 7 specs, 8.08.1991; 7 specs, 9.08.1991, leg. R. Serafim; 1 spec., Hagieni, 13.07.1992, leg. R. Serafim; 1 ♀, Izvoarele (Tulcea county), 21.05.1997, leg. R. Serafim; 3 ♂♂, 4 ♀♀, Sand Chituc, Sinoe Lake-Black See channel, 17.08.2003, leg. C. Ciubuc (blacklight traps); 1 spec., Măcin Mountains National Park, Lacu Sărat (on the bank), 25.05.2005, leg. M. Stan; 1 spec. Borduşani, 22.08.2006, leg. C. Ban; 1 spec., Fermecatu islet, 26.06-28.08.2007, leg. C. Munteanu; 1 ♀, Vădeni, Maţa-Rădeanu Complex, bank of the Prut River, flooded area in summer, 29.09.2010, leg. M. Stan; 2 ♀♀, Galaţi, area with temporary pools, 30.09.2010, leg. M. Stan (MGAB).

*Philonthus pyrenaicus* Kiesenwetter, 1850

*Examined material:* Switzerland: 2 ♀♀, Berner Alpen (under the name *Ph. frigidus*), coll. K. Petri (BNM).

*Philonthus quisquiliarius quisquiliarius* (Gyllenhal, 1810)  
(Figs 7 B, 15 B)

*Examined material:* Czech Republic: 1 ♂, Bohemia, Františkovy Lázně, leg. K. Petri; Hungary: 1 ♀, Hévíz, 1886, coll. K. Petri (BNM); Romania: 1 ♂, Racoșul de Sus, 17.05.1902, leg. K. Petri; 3 specs, Sighișoara, 1890, leg. K. Petri, coll. K. Petri (BNM); Iași: 1 ♀, 15.05.1956; 1 ♀, 2.06.1968; Agigea: 1 ♀, 11.08.1957; 1 ♂, 13.08.1957; 1 ♂, 1 ♀, 8.08.1958; 1 ♂, 4 ♀♀, 12.08.1958; 5 ♂♂, 4 ♀♀, 28.07.1985; 17 ♂♂, 17 ♀♀, Letea forest, 25.07.1962; 15 ♂♂, 11 ♀♀, Jigălia, 29.07.1965; 7 ♂♂, 8 ♀♀, Stipoc, 26.06.1968; 6 ♂♂, 4 ♀♀, Limanu, 15.07.1985; 5 ♂♂, 8 ♀♀, Vama, 24.07.1985; 6 ♂♂, 9 ♀♀, Dorna Candrenilor, 17.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 4 ♂♂, 2 ♀♀, Altfluss, coll. Fr. Deubel; 2 ♂♂, 1 ♀, Govora; 1 ♂, Azuga, coll. Ed. Fleck; 1 ♂, București (Herăstrău); 1 ♀, Novaci, leg. R. Canisius; Danube Delta - Letea forest: 1 spec., 3.07.1963; 2 specs, 29.07.1963, leg. A. P. Gorj; Crișan: 2 ♂♂, 1.07.1968, leg. Șt. Negru; 1 ♂, 3 ♀♀, 16.07.1970; 2 ♀♀, 21.07.1970, leg. Șt. Negru; 7 ♂♂, 6 ♀♀, 17.08.1976, leg. X. Scobiola; Caraorman forest: 3 specs, 12.05.1968, leg. X. Scobiola; 1 ♂, 12.07.1968, leg. M. Weinberg, 1 ♀, 13.06.1969 (light trap); 1 ♂, 16.06.1969, leg. Șt. Negru; 1 ♂, 2 ♀♀, the bank of Litcov canal, 1.09.1969, leg. Șt. Negru; 5 specs, Sulina, 18.06.1969, leg. Șt. Negru; 1 ♀, Sfântu Gheorghe, 30.06.1971, leg. M. Weinberg; 1 ♀, Maliuc, mila 26, 6.08.1991 (light trap), leg. I. Matache; 1 ♀, Casian, on the bank of Casimcea River, 18.05.1958; 1 ♂, 1 ♀, Agigea, 27.07.1965, leg. Șt. Negru; 1 ♂, 3 ♀♀, Agigea Reserve, 18.07.2003, leg. M. Foaltin; 1 ♂, Bârlad, 7.08.1966, leg. A. Roșca; Eșelnița: 1 ♂, 20.06.1970; 2 specs, 20.07.1970, leg. A. Roșca; 1 ♂, 2.08.1976; 3 ♂♂, 1 ♀, 7.08.1969, leg. Șt. Negru; 1 ♀, Orșova, 16.06.1968, leg. Șt. Negru; 1 ♂, Băile Herculane, 7.07.1976, leg. A. P. Gorj; 1 ♀, Gura Motrului, 2.08.1981, leg. D. Dumitrescu; 1 ♂, București, 25.07.1996, leg. Ș. Procheș; 1 ♀, Vineți, 3.07.2002, leg. M. Stan; 2 ♂♂, 2 ♀♀, Sand Chituc, Sinoe Lake-Black See channel, 17.08.2003, leg. C. Ciubuc (blacklight traps); Cama islet: 5 ♂♂, 2 ♀♀, bank of temporary pool, 29.04.2004; 2 ♀♀, 7.06.2004; 1 ♀, 16.06.2004, leg. M. Stan; 1 ♂, 2 ♀♀, Gârla Manta, bank of temporary pool, 23.06.2004, leg. M. Stan; 8 specs, Braniște, Penciu forest, bank of temporary pool, 22.06.2004, leg. M. Stan; 1 ♀, Gostinu (on the bank of Danube), 22.06.2004, leg. M. Stan; 15 specs, Izvorul Dulce, 4.08.2005 (mercury vapours trap, 100W), leg. V. Ungureanu; Măcin Mountains National Park: 3 specs, bank of Lacu Sărat, 25.05.2005; 8 specs, the bank of Taița Lake (Babadag), 26.05.2005, leg. M. Stan; 6 specs, Comana forest, skirt of forest, flooded land, 7.06.2006, leg. M. Stan; Călugăreni, Crucea de Piatră: 16 specs, canal bank, 7.06.2006; 6 specs, bank of swamp with reed bed, 7.06.2006, leg. M. Stan; 3 specs, Vlașin, Ogarca forest (*Quercus* sp.), flooded land, 22.06.2006, leg. M. Stan; 1 ♂, Bulba valley, bank of Bulba stream, 23.07.2007, leg. M. Stan; 1 ♂, Balta, detritus on the sandy bank of permanent swamp, 18.04.2007, leg. M. Stan; 1 ♂, 1 ♀, 0.5 km E Cojocna, Cojocna canal, towards salty valley, 320 m, algous mud with kelp, treading at bank (N: 46°44'35", E: 23°50'28"), 23.04.2007, leg. Gy. Makranczy; 1 ♀, Horia, bank of Lake Taița, 20.07.2006, leg. M. Stan; 1 ♂, Movileni, pools with reed bed (N: 45°43.619', E: 027°23.423'), 27.05.2009, leg. M. Stan; 1 ♂, Vădeni, Mața-Rădeanu Complex, bank of Prut River, area flooded in summer, 29.09.2010; 2 ♂♂, Galați, area with temporary pools, 30.09.2010, leg. M. Stan (MGAB).

*Philonthus rectangulus* Sharp, 1874  
(Fig. 12 C)

*Examined material:* Huși: 1 ♂, 6.07.1956; 1 ♀, 15.07.1956; 1 ♂, 2 ♀♀, 22.07.1963; 1 ♀, Grajduri, 15.07.1956; 3 specs, Pângărați, 26.07.1957; 2 ♂♂, 3 ♀♀, Eforie,

12.08.1957; 1 ♂, Techirghiol, 30.07.1958; 4 ♀♀, Mârzești forest, 15.08.1967; Agigea: 1 ♂, 13.08.1957; 1 ♂, 15.08.1957; 1 ♂, 16.08.1957; 1 ♂, 1 ♀, 27.07.1958; 1 ♂, 4 ♀♀, 31.07.1958; 2 ♂♂, 2 ♀♀, Vaslui, 30.07.1964; 2 ♂♂, Cozia, 9.08.1964; 4 ♂♂, 2 ♀♀, Sinaia, 30.08.1966; Valea lui David: 1 ♂, 1 ♀, 15.05.1967; 2 ♀♀, 1.08.1967; 1 ♂, Hanu Conachi, 25.07.1967; 1 ♂, 2 ♀♀, Gușterița, 22.03.1968; 1 ♂, Potoci, 15.07.1969, leg. L. Raianu, coll. L. Raianu (MINI); 3 ♂♂, 2 ♀♀, Șimnic, 23.06.2007, leg. G. Filcu (MO); 1 ♀, Tulnici, 22.07.1962, leg. A. Roșca; 1 ♀, Periprava 15.10.1966, under horse dung, leg. Șt. Negru; 1 ♂, 1 ♀, Crișan, 13.07.1970, leg. Șt. Negru; 1 ♂, Budești, 6.09.1979, leg. A. Dumitru; 1 ♀, Pitești, 5.08.1991, leg. T. Bogdan; 1 ♀, Maliuc, mila 26 (light trap), 6.08.1991, leg. I. Matache; 2 ♂♂, 1 ♀, Agigea, 16.07.2003, leg. R. Serafim; 1 ♂, Isverna, Isverna cave, 18.04.2007, cow dung, on the bank of river leg. M. Stan (MGAB).

*Philonthus rotundicollis* (Ménétriés, 1832)

(Fig. 11 A)

*Examined material:* 1 ♂, 1 ♀, Turnu Roșu, coll. K. Petri (BNM); 2 ♂♂, 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, Brașov, coll. Fr. Deubel; 1 ♂, Titu, leg. R. Canisius (MGAB).

*Philonthus rubripennis* Stephens, 1832

(Fig. 15 C)

*Examined material:* 1 ♂, 1 ♀, Năsăud, 1890, leg. K. Petri; 1 ♂, Ocna Mureș, 1890, leg. K. Petri; 2 ♀♀, Ilva Mică; 1 spec., Mehadia, leg. K. Petri; 3 ♀♀, Sighișoara, Târnava, 1908, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, 1 ♀, Secu, 26.07.1957; 1 ♂, 1 ♀, Râșca, 24.07.1957; 1 ♀, Fălticeni, 24.07.1959, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Surduc Pass, coll. Fr. Deubel; 2 ♀♀, Rodna Mts, coll. Fr. Deubel; 1 ♂, 1 ♀, Altfluss, coll. Fr. Deubel; 1 ♂, Comarnic, coll. Ed. Fleck; 1 ♂, Bălan; 1 ♂, Sinaia (Cumpătu), 27.08.1958; 1 ♀, Stoenești, 30.04.1995, leg. Ș. Procheș; 1 ♂, Bârsana, 2-9.07.1995, leg. C. Pârvu; 1 ♂, Desești, forest range Colnic, 2 km upstream Mara, 18.07.1998, leg. Ș. Procheș; 1 ♂, Poienile de sub Munte, small village Luhei, 25.07.2004, leg. M. Stan; 1 ♀, Sătic, Oncioaia valley, on *Salix* sp., near the Dâmbovița River, 22.06.2005, leg. M. Stan; 1 ♂, 1 ♀, Jupânești, Ponărel valley, detritus in partially flooded lawn, 17.04.2007, leg. M. Stan; 1 ♀, Vișeu de Sus, Vișeu valley, 1.5 km S Tisa confluence, W bank, (N: 47°54'04", E: 24°09'33"), 360 m a.s.l., from gravelly spots in sandbank after high water, 11.06.2007, leg. Gy. Makranczy; 1 ♂, 1 ♀, Dobrovăț, Pietrosu forest, bank of the Dobrovăț stream, 8-10.06.2012; 2 ♀♀, Valea Ierii, bank of the Iara River, 20.06.2012, leg. M. Stan (MGAB).

*Philonthus rufimanus* Erichson, 1840

(Fig. 15 A)

*Examined material:* Romania: 1 ♀, Băile Herculane, 10.05.1959, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Sohodol Gorges, 22.07.1996, leg. C. Chimișliu (MO); Switzerland: 1 ♂, 1 ♀, Canton of Geneva, Chancy (sud-Bois des Bouchets), bank of the Laire River, 22.05.2004, leg. M. Stan (MGAB).

*Philonthus rufipes rufipes* (Stephens, 1832)

(Fig. 13 A)

*Examined material:* Cluj: 1 ♂, 1888; 1 ♀, 1895, leg. K. Petri; Sighișoara: 1 spec., 2.04.?, leg. K. Petri; 3 specs, 1891, 1 ♀, leg. K. Petri; 1 ♂, Târnava; 1 spec., Ilva Mică, 1892, 1 ♀, Mehadia, 1895, leg. K. Petri; 1 ♀, Ocna Mureș, 1907, coll. K. Petri (BNM); 1 ♀, Bârnova forest, 12.06.1956; 1 ♀, Roman, 5.04.1966; 1 ♂, Putredeni,

7.05.1989; 1 ♂, Azuga, 25.06.1957, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, coll. Ed. Fleck; 3 ♂♂, 6 ♀♀, coll. D. Kenderessy (without collecting data, only labels with numbers); 1 ♀, Braşov, coll. Fr. Deubel; 1 ♂, Mihai Bravu, 15.03.1997, leg. Ş. Procheş (MGAB).

*Philonthus salinus* Kiesenwetter, 1844

(Fig. 15 C)

*Examined material:* Czech Republic: 2 specs, Bohemia, Františkovy Lázně, leg. K. Petri; Hungary: 1 ♀, Neusiedl Lake, coll. K. Petri (BNM); Romania: 2 ♂♂, 2 ♀♀, Cacica, 19.07.1962; 1 ♂, Letea, 25.07.1962; 4 ♂♂, 1 ♀, Jigălia, 28.07.1965; Stipoc: 10 ♂♂, 25.06.1965; 2 ♂♂, 5 ♀♀, 25.06.1968; Agigea: 1 ♂, 1 ♀, 8.08.1958; 8 ♂♂, 10 ♀♀, 28.07.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 2 ♀♀, Comana, coll. A. L. Montandon; the Danube Delta: 1 spec., Sarinasuf, 24.06.1962, leg. X. Scobiola; C. A. Rosetti: 2 ♂♂, 2.07.1963; 1 spec., 11.07.1980, leg. A. P. Gorj; 1 ♀, 13.07.1964; 7 specs, 30.04.1965; 35 specs, 4.07.1965; 16 specs, 30.05.1965; 1 ♂, 2 ♀♀, 4.07.1965; 5 ♂♂, 1.04.1966; 3 ♂♂, 1 ♀, 13.06.1966; 1 ♂, 1 ♀, 24.06.1966; 1 ♂, 5.07.1966; 4 ♂♂, 6 ♀♀, 14.10.1966; 1 ♂, 18.06.1993, leg. I. Matache; Caraorman forest: 1 ♂, 23.06.1967; 1 ♀, 21.07.1967; 4 ♂♂, 5 ♀♀, 5.07.1968; 3 ♂♂, 5.07.1968, leg. Şt. Negru; 2 ♂♂, 21.07.1979; 1 ♀, 22.07.1979, leg. A. P. Gorj; 1 ♂, 6.07.1968, leg. M. Weinberg; Sulina: 2 ♂♂, 1 ♀, 7.06.1963; 1 ♂, 1 ♀, 18.06.1969, leg. Şt. Negru; 1 ♂, 1 ♀, 12.07.1967, leg. A. Roşca; Crişan: 1 ♂, 18.06.1967; 2 ♂♂, 2 ♀♀, 1.07.1968; 1 ♀, 10.07.1970; 4 specs, 15.07.1970; 1 ♂, 21.07.1970, leg. Şt. Negru; Crişan: 3 ♂♂, 2 ♀♀, 17.08.1967; 1 ♂, 13.08.1967, leg. X. Scobiola; Maliuc, mila 26, 9 specs, 6.08.1991, leg. I. Matache; 23 specs, 8.08.1991, leg. R. Serafim; 1 ♀, Haşmacul lui Omer, 19.06.1993, leg. I. Matache; 25 specs, Eşelniţa, 7.08.1969, leg. Şt. Negru; 1 ♀, Negru Vodă, 2.07.1973, leg. A. P. Gorj; Gura Gârluţei, 1 ♂, 28.11.1994, 1 ♂, 20.12.1994, leg. C. Ciubuc; 3 specs, Agigea, 16.07.2003, leg. R. Serafim; 2 ♂♂, 5 ♀♀, Sand Chituc, Sinoe Lake-Black See channel, 17.08.2003 (blacklight traps), leg. C. Ciubuc (MGAB).

*Philonthus sanguinolentus* (Gravenhorst, 1802)

(Fig. 13 A)

*Examined material:* 1 ♂, Cluj, coll. K. Petri (BNM); 1 ♀, Fălticeni, 29.07.1957; 1 ♂, Eforie, 15.08.1957; 4 ♂♂, 1 ♀, Poiana Țapului, 27.05.1962; 1 ♀, Rădăuți, 20.06.1963; 1 ♀, Roman, 29.08.1964; 1 ♂, Iași, 15.05.1966; 1 ♂, Roznov, 12.08.1967; 4 ♂♂, 4 ♀♀, Piciorul Humăriei, Ceahlău Mt., 6.07.1977; 1 ♂, 1 ♀, Dorna Candrenilor, 20.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 3 ♀♀, Galbenu valley, 8.08.2005, leg. C. Chimişliu (MO); 2 ♂♂, Braşov, coll. Fr. Deubel; 3 ♂♂, 1 ♀, Azuga, coll. Ed. Fleck; 1 ♂, 1 ♀, Galbenu valley, chalet Criva, 2 km upstream turistic complex "the Muierii cave", cow dung, 8-10.08.2005, leg. C. Chimişliu (MGAB).

*Philonthus spinipes spinipes* Sharp, 1874

(Fig. 9 A)

*Examined material:* 1 ♂, Râncea, 21.07.1982, leg. A. Vişan; 1 ♀, Bucovăț, 19.06.2000; 2 ♂♂, 1 ♀, Galbenu valley, 13.08.2005, leg. C. Chimişliu (MO); Izvorul Dulce: 1 ♀, cattle fresh dung, 25.07.2002; 1 ♂, 1 ♀, bank of Slănic River, under stones, 9.05.2004; 1 ♂, bed of Slănic River, dog cadaver, 30.04.2005, leg. V. Ungureanu; 1 ♂, Poienile de sub Munte, Coşnea valley, 19.06.2004, leg. G. Chişamera; 1 ♂, 1 ♀, Făgăraşului Mts, Călugăriţa valley, (N: 45°22'449, E: 24°36'558), 1025 m a.s.l., cattle dung, 7.08.2004, leg. M. Stan (MGAB).

*Remarks.* The species was not found in "Karl Petri" Collection and not even "Lidia Raianu" Collection. It is an alien species which came from the East Palaearctic Region. It is similar to *Philonthus nitidus* and represents a competitor for this.

*Philonthus splendens splendens* (Fabricius, 1793)

(Figs 3 B, 9 B)

*Examined material:* Belarus: 2 ♀♀, Berezinsky Biosphere Reserve, Vitebsk Region, forest (*Picea abies* with *Oxalis acetosella*), 26.04.-1.06.2011, leg. Alexander Lukashuk (MGAB); Romania: 1 ♀, Turnu Roșu, 1892; 1 ♂, Cluj; 1 ♂, Negoiu Mt., coll. K. Petri (BNM); Rarău Mt.: 1 ♂, 22.06.1957; 1 ♂, 27.06.1957; 1 ♂, Stejarul (Pângărați), 19.07.1957; 1 ♂, Hăghimaș Mt., 20.07.1957; 1 ♂, 1 ♀, bank of Sucevița stream, 16.06.1963; 1 ♀, Ceahlău Mt., 18.07.1975; 2 ♂♂, 1 ♀, Piciorul Humăriei, Ceahlău Mt., 6.07.1977; 2 ♂♂, Pietrăria, 8.07.1976, leg. L. Raianu; 1 ♂, Ineu Peak, 20.08.1966, leg. C. Mândru, coll. L. Rainau (MINI); 1 ♂, 2 ♀♀, Galbenu valley, 9.08.2005, leg. C. Chimișliu (MO); 2 ♂♂, Azuga, 1 ♂, Poiana Țapului, 1 ♂, 1 ♀, Dobrogea, coll. Ed. Fleck; 1 ♂, Borsec, coll. Fr. Deubel; 1 ♂, 2 ♀♀, Sinaia, Poiana Șarânga, dung, 28.05.1964, leg. Șt. Negru; 1 ♂, 28.07.1967, leg. A. Groza; 1 ♀, Sinaia, 23.09.1964, leg. Șt. Negru; Valea Putnei, 900 m a.s.l.: 1 ♂, 18.06.1980; 1 ♀, 20.05.1981; 1 ♀, 25.05.1981, leg. I. Ceianu; 1 ♂, Bistra, 21.07.1998, leg. C. Pârvu; Poienile de sub Munte, confluence Rica-Lutoasa: 1 ♂, cattle dung, 14.06.2003; 1 ♂, the edge of spruce forest, cattle dung, 20.07.2004, leg. M. Stan; 2 ♂♂, Săliște de Sus, near the stream Idișor, on the forest road, horse dung, 23.06.2003, leg. M. Stan; Pietra Craiului Mts: 3 ♀♀, Dâmbovicioara, Dâmbovicioara Gorges, rotten mushrooms, 10.08.2004, leg. M. Stan; 1 ♀, Valea Seacă, 1 km upstream Brusturet, cow dung, 21.06.2005; 1 ♂, 1 ♀, Sățic, Dâmbovița valley, lawn near the river, cow dung, 22.06.2005, leg. M. Stan (MGAB).

*Philonthus succicola* Thomson, 1860

(Figs 3 A, 10 B)

*Examined material:* Belarus: 3 ♂♂, 3 ♀♀, Berezinsky Biosphere Reserve, Vitebsk Region, forest (*Picea abies* with *Oxalis acetosella*), 26.04.-1.06.2011, leg. Alexander Lukashuk; Romania: 1 ♂, Sibiu, 1 ♂, Sighișoara, 1 ♀, Bălan, 1902, coll. K. Petri (BNM); 1 ♂, Florești, 20.04.1972, under stone, leg. L. Raianu (under the name *Ph. addendus*), coll. L. Raianu (MINI); 1 ♂, Hărman, coll. Fr. Deubel; Comana, forest range Grădinari: 1 ♂, 11.07.1976, leg. D. Dumitrescu; 1 ♂, 29.03.-3.05.1977, leg. G. Andrei; 1 ♂, Făgărașului Mts, Vâlsan valley, 06.1989, leg. A. Bănărescu; 1 ♂, București, 06.1998, leg. Ș. Procheș; 1 ♀, Poienile de sub Munte, confluence Rica-Lutoasa, on beech log, 14.06.2003, leg. R. Serafim; 1 ♀, Dâmbovicioara, Izvor valley, 23.06.2005, leg. E. Piscică; 1 ♂, Ciocănești islet, (N: 44°08.745'; E 027°04.105'), 26.06.-28.08.2007, leg. C. Munteanu; 1 ♂, Rodna Mts (chalet Rotunda, coniferous forest), 12.08.2011, leg. I. Iorgu (MGAB).

*Philonthus tenuicornis* Mulsant & Rey, 1853

(Figs 3 D, 11 A)

*Examined material:* Romania: 1 ♀, Sighișoara; 2 ♂♂, 2 ♀♀, Cluj; 1 ♀, Aiud, 1890; 1 ♀, Sovata, 1911 (under the name *Ph. temporalis*); 1 ♀, Turnu Roșu (under the name *Ph. rotundicollis*); 1 ♀, Turnu Roșu Pass (under the name *Ph. temporalis*), 15.07.?, coll. K. Petri (BNM); Huși: 1 ♀, 7.07.1956 (under the name *Ph. picipes*); 1 ♀, 15.07.1956 (under the name *Ph. chalceus*); 1 ♀, Sibiu, 18.05.1957 (under the name *Ph. rotundicollis*); Fălticeni: 1 ♀, 26.07.1957; 2 ♀♀, 29.07.1957; 1 ♂, 1 ♀, Ruginoasa,

15.09.1956; Pângărați: 1 ♂, 8.07.1957 (under the name *Ph. picipes*); 1 ♂, 26.07.1957; 1 ♂, Iași, 16.07.1959; Potoci: 1 ♂, 1 ♀, 15.07.1969; 1 ♀, 5.07.1977 (under the name *Ph. rotundicollis*); 1 ♂, Sohodol, 7.05.1980, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Galbenu valley, 10.08.2005, leg. C. Chimișliu (MO); 1 ♂, Valahia III (under the name *Ph. picipes*), 1 ♂, 1 ♀, Azuga, 1 ♂, Sinaia – Pietra Arsă, coll. Ed. Fleck; 3 ♀♀, Brașov; 2 ♀♀, Hărman, coll. Fr. Deubel; 1 ♂, Lunca Prahovei, 24.05.1964, leg. Șt. Negru; Sinaia: 1 ♀, 9.07.1953; 1 ♂, 10.10.1953; 1 ♂, Poiana Șarânga, under coniferous log, 13.08.1965, leg. Șt. Negru; 1 ♂, Budești, 5.06.1979, leg. M. Weinberg; 1 ♂, Snagov, 13.10.1979, leg. R. Serafim; Izvoare, Rudari forest: 2 ♂♂, 8.10.1981, leg. G. Andrei; 6 ♂♂, 4 ♀♀, 9.10.1981, leg. I. Matache; 1 ♂, 2 ♀♀, Valea Putnei, 900 m a.s.l., 26.05.1981, leg. I. Ceianu; 1 ♂, 1 ♀, Perișor, 25.09.1982, leg. G. Andrei; 1 ♂, Drajna de Sus, 1.05.1985, leg. E. Cursaru; 1 ♀, Potoc, Beiu valley (forest range), 16.05.2002, leg. M. Stan; Făina, Vaser valley: 1 ♂, 19.06.2003, cow dung, leg. M. Stan; 1 ♀, 21.07.2004, spruce forest, horse dung, leg. M. Stan; 3 ♂♂, 1 ♀, Piatra Craiului Mts, Dâmbovicioara, Dâmbovicioara Gorges, rotten mushrooms, 10.08.2004, leg. M. Stan; 1 ♀, school camp Arbănești, Beceni, 22.08.2005, forest, under mushrooms, leg. V. Ungureanu; 1 ♂, Izvoarele, Manafu forest, 22.06.2006, leg. C. Pârvu (MGAB); Slovenia: 2 ♀♀, Styria meridionalis, coll. K. Petri (BNM).

*Philonthus umbratilis* (Gravenhorst, 1802)

(Fig. 12 B)

*Examined material:* Germany: 2 specs, Saxony, coll. K. Petri (BNM); Romania: 1 ♂, 2 ♀♀, Dorna Candrenilor, 11.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♀, Sighișoara, 24.11.1905, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, 1 ♀, Șpring, coll. Fr. Deubel; 1 ♂, Azuga, coll. Ed. Fleck; 1 ♀, Șvinița, 29.03.1968, leg. Șt. Negru; 1 ♀, Jurilovca, 29.07.1984, leg. N. Gâldean; 1 ♀, Maliuc, mila 26, 6.08.1991 (light trap), leg. I. Matache; București: 1 ♂, 25.07.1996, 1 ♂, Botanical Garden, 23.06.1998, leg. Ș. Procheș; 1 ♂, Călugăreni (Crucea de Piatră), bank of swamp with reed bed, 7.06.2006, leg. M. Stan (MGAB).

*Philonthus varians* (Paykull, 1789)

(Figs 6 C, 14 B)

*Examined material:* Czech Republic: 1 ♀, Bohemia, Františkovy Lázně, leg. K. Petri; Romania: 1 ♀, Turnu Roșu, leg. K. Petri; 1 ♀, Sighișoara, leg. K. Petri, coll. K. Petri (BNM); 2 ♀♀, Rarău Mt., 22.06.1957; 1 ♀, Bârnova forest, 26.06.1957; 1 ♂, Pângărați, 26.07.1957; 1 ♀, Găinești, 26.07.1959; 3 ♀♀, Izvorul Muntelui, 24.07.1959; 1 ♀, Murgeni, 15.07.1960; 1 ♀, Mârzești, 25.05.1961; 2 ♀♀, Ciric, 27.05.1961; Zamca: 6 ♂♂, 15.06.1961; 1 ♀, 22.06.1965 (under the name *Ph. cruentatus*); 1 ♀, Șoimuș, on the bank of Mureș River, 1.07.1961; 2 ♀♀, Vițau stream (Putna), 18.06.1963; 1 ♂, 1 ♀, Valea lui David, 15.05.1967; Hanu Conachi: 3 ♂♂, 13.08.1969; 2 ♂♂, 4 ♀♀, 15.08.1969; 1 ♀, Limanu, 21.07.1985 (under the name *Ph. albipes*); Dorna Candrenilor: 1 ♂, 15.08.1985; 1 ♀, 26.08.1985 (both specimens under the name *Ph. pseudovarians*); 6 ♂♂, 7 ♀♀, 28.08.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Hațeg, leg. D. Kenderessy; 2 ♂♂, 3 ♀♀, Azuga, coll. Ed. Fleck; 1 ♀, Calafat, coll. Ed. Fleck; 1 ♀, Postăvarul Mt., coll. Fr. Deubel; 1 ♂, Snagov, 13.10.1979, leg. R. Serafim; 1 ♂, București, 1991, leg. Ș. Procheș; 1 ♂, Călugăreni, 11.05.1996, leg. Ș. Procheș; 1 ♀, Vaser valley, 2 km upstream way station Bistra, 24.07.2004, leg. C. Pârvu; 1 ♀, Slobozia, around fish farm, 10.06.2004, leg. M. Stan; 2 ♀♀, Crasna Vișeuului, Hututeanca valley, 18.07.2004, horse dung, leg. M. Stan; 1 ♀, Făgărașului Mts, Valea lui Stan stream, 07.08.2004, cow dung, leg. M. Stan; 1 ♂,

Cerna, 26.05.2005, deciduous forest, rotten mushrooms, leg. M. Stan; 1 ♀, Izvorul Dulce, bed of Slănic River, fresh cow dung, 3.05.2005, leg. V. Ungureanu; 1 ♂, Piatra Craiului Mts, Dâmbovicioara, rotten mushrooms, 10.08.2004, leg. M. Stan; 1 ♀, Baia de Aramă, Bulba valley, 24.07.2007, cow dung, leg. M. Stan; 1 ♂, Isverna, Isverna cave, on the bank of the river, 18.04.2007, cow dung, leg. M. Stan (MGAB).

*Philonthus ventralis* (Gravenhorst, 1802)

(Fig. 15 A)

*Examined material:* 1 ♂, Deva, leg. K. Petri, coll. K. Petri (BNM); Agigea: 1 ♂, 9.08.1957; 1 ♂, 2 ♀♀, 11.08.1957; 5 ♂♂, 4 ♀♀, 16.08.1957; 1 ♂, 18.08.1957; 2 ♂♂, 19.08.1957; 2 ♂♂, 4 ♀♀, 20.08.1957; 1 ♀, 24.08.1957; 1 ♂, 1 ♀, 26.08.1957; 4 ♂♂, 1 ♀, 27.07.1958; 2 ♀♀, 8.08.1958; 2 ♂♂, 3 ♀♀, 28.07.1985; Techirghiol: 2 ♂♂, 4 ♀♀, 15.08.1957; 9 ♂♂, 3 ♀♀, 19.08.1957; Eforie: 4 ♂♂, 10 ♀♀, 12.08.1957; 2 ♂♂, 4 ♀♀, 15.08.1957; 5 ♂♂, 6 ♀♀, Tuzla, 17.08.1957; Limanu: 3 ♂♂, 2 ♀♀, 15.07.1985; 2 ♂♂, 5 ♀♀, 20.07.1985; 4 ♂♂, 2 ♀♀, Mangalia, 23.07.1985; 2 ♂♂, Vama, 24.07.1985, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, Rodna Mts, coll. Fr. Deubel (MGAB).

*Philonthus viridipennis* Fauvel, 1875

(syn: *Ph. diversiceps* Bernhauer, 1901)

(Figs 7 C, 14 B)

*Examined material:* 1 ♂, 1 ♀, Caraorman, 16.06.1969, leg. Șt. Negru; 15 specs, Braniște, Penciu forest, bank of temporary pools, 22.06.2004, leg. M. Stan; 2 ♂♂, 1 ♀, Slobozia islet, humid soil, 21.06.2004, leg. M. Stan; 1 ♂, 10 ♀♀, Gostinu, Gârla Manta, bank of temporary pools, 23.06.2004, leg. M. Stan; 2 ♂♂, 6 ♀♀, Cama islet, bank of temporary pools, 29.04.2004; 1 ♀, 7.06.2004; 3 ♀♀, 16.06.2004, leg. M. Stan; 4 specs, Haralambie islet, 27.05.2008, leg. M. Stan; 1 ♂, 1 ♀, Vădeni, Complex Mața-Rădeanu, bank of Prut River (N: 46°04.218', E: 028°05.315'), area flooded in summer, 29.09.2010, leg. M. Stan (MGAB).

*Philonthus wuesthoffi* Bernhauer, 1939

(Fig. 8 A-E)

*Examined material:* 1 ♀, Poienile de sub Munte, small village Luhei, cow dung, 16.06.2003, leg. M. Stan (published as *Philonthus longicornis*); 1 ♂, Sand Chituc, Sinoe Lake-Black See channel, 17.08.2003 (blacklight traps), leg. C. Ciubuc (MGAB).  
*Remarks.* It is a new record for Romania fauna.

The distribution of this species according to the Catalogue of Palaearctic Coleoptera (Smetana, op.cit.) is: China, Japan, North Korea, South Korea, Russia – Far East. The species is known from Ukraine (Odessa and Kharkov Regions) (Gontarenko, 2005). It is an alien species, rather similar to *Philonthus longicornis* in habitus, but the aedeagus is completely different. Another collecting site from Romania: Vrancea Mts., Gresu environs, 800 m a.s.l., 1-4.07.1997, leg. Vit. Kabourek (coll. Kabourek) (pers. comm. Dr. Harald Schillhammer).

Subgenus *Onychophilonthus* Neresheimer & Wagner

*Philonthus marginatus* (O. Müller, 1764)

(Fig. 16 C)

*Examined material:* 1 ♂, Surduc Pass, 1888; 1 ♀, Turnu Roșu, leg. K. Petri, coll. K. Petri (BNM); 1 ♂, 1 ♀, Sinaia, Valea Rea, 7.08.1963; 2 ♂♂, 1 ♀, Piciorul Humăriei, Ceahlău Mt., 6.07.1977, leg. L. Raianu, coll. L. Raianu (MINI); 1 ♂, 3 ♀♀, Azuga, coll. Ed. Fleck; 3 ♀♀, Postăvarul Mt., coll. Fr. Deubel; 4 specs, Sinaia, Șarânga

valley, 28.05.1964, dung, leg. Șt. Negru; 2 specs, Lunca Prahovei, 24.05.1964, leg. Șt. Negru; Piatra Craiului Mts: 1 ♀, Bârsa Groșetului, 9.06.2000, leg. C. Pârvu; 1 ♀, Brusturet, lawn, 21.06.2005, leg. M. Stan; 1 ♂, Făina, Vaser valley, cattle dung, 19.06.2003, leg. M. Stan; 2 ♂♂, Sălișteța de Sus, near the stream Idișor, on the forest road, horse dung, 23.06.2003; 3 ♂♂, 1 ♀, Dragomirești, Țibleș Mts (mine gallery IV), 900 m a.s.l., horse dung, 22.06.2003, leg. M. Stan; 1 ♀, Făgărașului Mts, Valea lui Stan River, cow dung, 8.07.2004, leg. M. Stan (MGAB).

### Conclusions

In comparison with the checklist (Stan, op. cit.), the species *Philonthus virgo* (Gravenhorst), *Ph. temporalis* Mulsant & Rey, *Ph. micantoides* Benick & Lohse, *Ph. diversiceps* Bernhauer and *Ph. fenestratus* Fauvel have to be removed. What we have found under *Philonthus virgo* in the *Karl Petri* Collection is a male of *Gabrius exiguus* (Nordmann), Sighișoara, 1887, leg. K. Petri. The specimen published as *Philonthus temporalis* (Sovata, leg. K. Petri), (Petri, 1912) belongs to the species *Philonthus tenuicornis* Mulsant & Rey. The report of the species *Philonthus micantoides* (Stan, 2002) is based on a wrong interpretation of the aedeagal morphology. The specimens collected in Maramureș belong to *Ph. micans*, according to Dr. Harald Schillhammer who has examined them. *Philonthus diversiceps* Bernhauer is a synonym of *Ph. viridipennis* Fauvel (Schillhammer, 2009). *Philonthus fenestratus* doesn't exist in the *Karl Petri* Collection. Its presence in the catalogue published in 1912 may be due to an inaccurate taking over. This is a species with a distribution in northern Africa, Europe (Great Britain, France, Italy, Spain, Azores) and in Asia (Cyprus, Turkey) (Smetana, op.cit.)

In comparison with the Catalogue of Palaearctic Coleoptera (Smetana, op.cit.) which specifies the species *Philonthus speculum* Lokay, *Ph. juvenilis* Peyron, *Ph. alpinus* Eppelsheim, *Ph. corvinus* Erichson and *Ph. nigrita* (Gravenhorst) in the Romanian fauna, we haven't found specimens belonging to these species in the studied collections. But, we can add the species *Philonthus viridipennis* Fauvel, *Ph. coprophilus* Jarrige, *Ph. caucasicus* Nordmann and *Ph. wuesthoffi* Bernhauer which were present in the studied material.

The specimens from the studied collections generally cover the Romanian territory (except the western side of the country), and their collection dates span from 1885 to 2012.

### Key to Romanian species of *Philonthus* Stephens found in the collections

Protarsomere V much more developed, with two black spine rows on the inner side, claws as long as V protarsomere (Claws can be bent downward to a large extent, almost setting against the ventral side of tarsomere V) .....

..... Subgenus *Onychophilonthus* Neresheimer & Wagner

Lateral margins of pronotum broadly, but irregularly red-yellowish or red and its disc with two longitudinal rows of punctures, each row with 4 punctures .....

..... *marginatus* (O. Müller)

Protarsomere V normally developed, without black spine rows on the inner side, claws shorter than protarsomere V. (Claws can be bent downward to an insignificant extent only) .....

..... Subgenus *Philonthus* Stephens I

- 1 – Elytra yellow-reddish. Legs with black femora and yellow-reddish tibiae. Tibiae with black spines. Disc of pronotum with two longitudinal rows of punctures (the number of punctures in a row could be different: 2-5, or could be asymmetric) ..... *spinipes* Sharp
- Elytra are not/are partial/are all yellow-reddish. If elytra entirely reddish in colour, in that case legs nearly unicoloured (the colour of femora not in contrast with the tibiae) ..... 2
- 2 – Disc of pronotum without rows of punctures ..... 3
- Disc of pronotum either with two longitudinal rows of 3-6 punctures or with two irregular rows of numerous punctures ..... 5
- 3 – Head and pronotum black. Lateral margin of elytron with 4 long setae. Head intense transverse, rectangular, at least as wide as pronotum. Larger species ..... *splendens splendens* (Fabricius)
- Head and pronotum with metallic greenish shine. Lateral margin of elytron with 2 long setae. Smaller species ..... 4
- 4 – Head less transverse, roundish, distinctly narrower than pronotum. Elytra more finely and closely punctuated (punctures almost same size as interspaces). Rarely reddish elytra ..... *laminatus* (Creutzer)
- Head more transverse, rounded rectangular, about as wide as pronotum. Elytra less dense punctuated (punctures narrower than interspaces). Very rarely more or less red elytra ..... *intermedius* (Lacordaire)
- 5 – Pronotum with 3 punctures in each dorsal longitudinal row ..... 6
- Pronotum at least 4 punctures in each dorsal longitudinal row ..... 7
- 6 – Elytra with fine puncturation (except in the inner third in some cases), without noticeable rows of large punctures, with distinct isodiametric microsculpture. Head and pronotum with wavy transverse microsculpture ..... *laevicollis* (Lacordaire)
- Elytra with irregular rows of large punctures, denser on the outsides, with big punctures (not aligned) between suture and lateral margin. Elytra mostly with isodiametric microsculpture (sometime could be absent). Head and pronotum with microsculpture like *laevicollis*, sometime barely noticeable or even absent ..... *montivagus* Heer
- 7 – Pronotum with 4 punctures in each dorsal longitudinal row ..... 8
- Pronotum with at least 5 punctures in each dorsal longitudinal row or more punctures or denser punctuated ..... 27
- 8 – Metatarsomere I longer than metatarsomere V and almost as long as metatarsomeres II-IV together ..... 9
- Metatarsomere I shorter or as long as metatarsomere V and shorter than metatarsomeres II-IV together ..... 26
- 9 – Abdominal tergites III-V with second basal line markedly angled in the middle (as a curly bracket) ..... 10

- Abdominal tergites III-V with second basal line nearly straight or weakly angled in the middle ..... 14
- 10** – Antennomeres VIII-X transverse, antennomere VI almost as long as wide ..... 11
- Antennomeres VIII-X almost as long as wide, antennomere VI oblong .... 13
- 11** – Antennomeres VIII-X weak transverse. Lateral margins of pronotum slightly straight narrowed median to anterior ..... *addendus* Sharp
- Antennomeres VIII-X obvious transverse, almost twice wide than long. Lateral margins of pronotum slightly sinuate between median area and anterior angle ..... 12
- 12** – Anterior area of pronotum with a group of punctures in rhombus form between dorsal row and lateral margin, the posterior puncture overtaking a little the 3 puncture from dorsal row. Elytra with metallic shine from anthracite to dark blue ..... *succicola* Thomson
- Posterior puncture is absent. Elytra with bronzed metallic shine to bronzed-greenish ..... *politus* (Linnaeus)
- 13** – Pronotum with fine, wavy and obvious microsculpture ..... *caerulescens* (Lacordaire)
- Pronotum smooth and glossy (without microsculpture) ..... *atratus* (Gravenhorst)
- 14** – Elytra matte between punctures, chagrinate ..... 15
- Elytra smooth and glossy between punctures ..... 16
- 15** – Pronotum obviously wider than long. Tergites without microsculpture between punctures ..... *aerosus* Kiesenwetter
- Pronotum as long as wide. Tergites with fine, wavy, transverse microsculpture between punctures ..... *decorus* (Gravenhorst)
- 16** – Head and pronotum with transverse, wavy and obvious microsculpture .... 17
- Head and pronotum without microsculpture, obviously shiny (sometimes head with a very fine microsculpture) ..... 22
- 17** – Elytra shiny metallic blue to blue-greenish or violet-blue ..... *cyanipennis* (Fabricius)
- Elytra otherwise coloured ..... 18
- 18** – Elytra red ..... *nitidus* (Fabricius)
- Elytra are not red ..... 19
- 19** – Head rectangular or rounded rectangular, markedly transverse, as wide as pronotum or little narrower than pronotum ..... 20
- Head roundish, barely transverse, obviously narrower than pronotum ..... 21
- 20** – Antennomeres IV-VII longer than wide, antennomeres VIII-X as long as wide ..... *alberti* Schillhammer

- Antennomeres IV-VII insignificant longer than wide, antennomeres IX-X slightly transverse ..... *tenuicornis* Mulsant & Rey
- 21** – Ventral side of antennomere I yellow, antennomeres IV-VII longer than wide ..... *cognatus* Stephens
- Antennomere I entirely black, antennomeres IV-VI as long as wide ..... *mannerheimi* Fauvel
- 22** – Larger species (over 9 mm). Head and pronotum with sparse microsculpture, which is visible at a smaller magnification, puncturation very fine and sparse. Antennomeres VIII-X slightly transverse ..... *rotundicollis* (Ménétriés)
- Smaller species (under 9 mm). Head and pronotum with extreme fine microsculpture, which is visible at 50x magnification ..... **23**
- 23** – Elytra red or partial red ..... **24**
- Elytra black, often with metallic bronze-greenish shine ..... **25**
- 24** – Elytra as long as pronotum (length was measured from the scutellum base up to sutural angle), each elytron with a variable red mark starting from posterior margin up to the middle, sometimes more extensive. Antennae and legs black ..... *nitidicollis* (Lacordaire)
- Elytra obviously shorter than pronotum, red, rarely unclear darker. Basal antennomeres mostly red, legs red ..... *lepidus* (Gravenhors)
- 25** – Elytra with sparser puncturation (interspaces wider than punctures), slight dark green to dark blue metallic shine. Head and pronotum black, without metallic shine ..... *frigidus frigidus* Märkel & Kiesenwetter
- Elytra with dense puncturation (interspaces smaller than punctures or as wide as punctures), greenish metallic to bronze-greenish reflection ..... *carbonarius* (Gravenhorst)
- 26** – Head transverse, rectangular, obviously wider than long. Eyes longer than postocular regions. Pronotum with parallel margins or slightly narrower anteriorly ..... *umbratilis* (Gravenhorst)
- Head roundish or oblong, at most as wide as long. Eyes as long as postocular regions. Pronotum obviously narrower anteriorly ..... *albipes* (Gravenhorst)
- 27** – Pronotum with 5 punctures in each dorsal longitudinal row ..... **28**
- Pronotum with 6 punctures in each dorsal longitudinal row or more punctures ..... **50**
- 28** – Metatarsomere I longer than metatarsomere V and almost as long as metatarsomeres II-IV together ..... **29**
- Metatarsomere I shorter or as long as metatarsomere V and shorter than metatarsomeres II-IV together ..... **46**
- 29** – Abdominal tergites III-V, or at least IV-V, with second basal line markedly angled in the middle (as a curly bracket) ..... **30**
- Abdominal tergites III-V with second basal line nearly straight or weakly angled in the middle ..... **31**

- 30** – Elytra red, extreme base and scutellum black. Head and pronotum without microsculpture ..... *corruscus* (Gravenhorst)  
 – Elytra black. Head and pronotum with fine, transverse microsculpture ..... *rectangulus* Sharp
- 31** – Tergites with very fine and dense pubescence. Elytra black with two red marks on each, sometimes could be joined or they are very reduced ..... *sanguinolentus* (Gravenhorst)  
 – Tergites with normal pubescence ..... **32**
- 32** – Tergites with obvious, wavy and transverse microsculpture. Postocular region as long as eye or it is longer than eye ..... **33**  
 – Tergites without microsculpture. Postocular regions, generally shorter than eyes ..... **34**
- 33** – Larger species (6-8 mm). Postocular regions longer than eyes ..... *rufipes* (Stephens)  
 – Smaller species (3.5-5.5 mm). Postocular regions as long as eyes ..... *debilis* (Gravenhorst)
- 34** – Tergites III-VI with 2 basal lines, the second basal line of the tergite VI being finer than those of tergites III-V and slightly crenulated ..... *caucasicus* Nordmann  
 – Only tergites III-V with 2 basal lines ..... **35**
- 35** – Antennomeres VIII-X transverse. Elytra without red marks ..... **36**  
 – Antennomeres VII-X are not transverse. Elytra with/without red marks ... **38**
- 36** – Pronotum with weak microsculpture, between series of punctures at disc being almost absent. Antennomeres VIII-X slightly transverse ..... *concinus* (Gravenhorst)  
 – Pronotum with distinct, wavy microsculpture ..... **37**
- 37** – Larger species (7.5-10 mm). Head strongly transverse rectangular (♂), more rounded rectangular, quadrate (♀), slightly narrower than pronotum. Pronotum is the broadest in the middle ..... *ebeninus* (Gravenhorst)  
 – Smaller species (7-8.5 mm). Head roundish (both male and female), obviously narrower than pronotum. Pronotum is the broadest in the basal third ..... *cochleatus* Scheerpeltz
- 38** – Smaller species (5.5-6.5 mm). Head as long as wide. Elytra with lighter posterior margins than the rest of elytra or sometimes posterior half is unclear lighter ..... *parvicornis* (Gravenhorst)  
 – Larger species (6-9 mm) ..... **39**
- 39** – Each elytron with a triangle red mark – external margin of mark is parallel with lateral margin of elytron, it does not overtake the scutellum apex anteriorly and does not reach the posterior margin of elytra. Procoxae black, legs black ..... *cruentatus* (Gmelin)

- Elytra without red marks/with red marks, but in this case procoxae partial yellow, especially inner side, tibiae with slightly yellow external part/posterior margins of elytra red ..... **40**
- 40** – Eyes obviously longer than postocular regions. Procoxae yellow, femora yellowish ..... **41**
  - Eyes as long as postocular regions or longer, but in this case elytra with a red mark (*confinis*) or antennae entirely black ..... **42**
- 41** – Elytra with dense puncturation. First antennomere entirely black ..... *wuesthoffi* Bernhauer
  - Elytra with sparser puncturation. First antennomere yellowish on ventral side ..... *longicornis* Stephens
- 42** – Hind margins of elytra broadly reddish (not overtake the half of elytra), rounded or slightly sharp anteriorly. Protarsomeres dark reddish. Postocular regions as long as eyes ..... *coprophilus* Jarrige
  - Elytra without red marks / with red marks, but in this case they do not reach the hind margins of elytra and overtake the half of elytra (here there are 4 species that can only be distinguished by the morphology of the aedeagus and the chaetotaxy of female tergite X) ..... **43**
- 43** – Eyes as long as postocular region or unclear longer. Antennomeres slightly longer than wide ..... **44**
  - Eyes as long as postocular region. Antennomeres IV-V as long as wide ..... **45**
- 44** – Aedeagus as in fig. 6 C a, female tergite X as in fig. 6 C b ..... *varians* (Paykull)
  - Aedeagus as in fig. 6 D a, female tergite X as in fig. 6 D b ..... *pseudovarians* A. Strand
- 45** – Aedeagus as in fig. 7 A a, b, female tergite X as in fig. 7 A c ..... *confinis* A. Strand
  - Aedeagus as in fig. 6 E ..... *jurgans* Tottenham
- 46** – Antennomeres V-X obviously transverse, IV slightly transverse. Head black, the rest of the body reddish-brown to dark brown, antennae, palpi and legs red-yellowish to amber, elytra with reddish suture, posterior and lateral margins yellowish, well bounded, narrower or wider ..... *discoideus* (Gravenhorst)
  - Antennae longer, antennomere IV as long as wide. Antennae darker, elytra without light colour on its margins ..... **47**
- 47** – Elytra blue metallic ..... *rufimanus* Erichson
  - Elytra black or dark brown, sometimes with posterior half reddish ..... **48**
- 48** – Pronotum red-brown or lighter, head black or dark brown ..... *ventralis* (Gravenhorst)
  - Pronotum black, no lighter than the head ..... **49**

- 49 – Antennomeres IV-VI longer than wide. Postocular regions obviously narrower posteriad. Pronotum slightly narrowing anteriorly ..... *quisquiliarius quisquiliarius* (Gyllenhal)
- Antennomeres IV-VI almost as long as wide. Postocular regions not narrowing posteriad or barely noticeably narrow. Pronotum not narrowing anteriorly ..... *viridipennis* Fauvel
- 50 – Pronotum with 6 punctures in each dorsal longitudinal row ..... 51
- Pronotum with more than 6 punctures in each dorsal longitudinal row or with two irregular rows of numerous punctures ..... 54
- 51 – Elytra red or reddish light brown ..... 52
- Elytra black ..... 53
- 52 – Antennomeres longer than wide. Antennae black or dark brown with first and second antennomeres (except distal half of the second darker) yellow or light brown. Elytra with fine microsculpture ..... *salinus* Kiesenwetter
- Antennomeres VIII-X slightly transverse. Antennae black except antennomeres I-III yellow (the third with distal part darker). Elytra without microsculpture, shiny ..... *rubripennis* Stephens
- 53 – Elytra without microsculpture, shiny ..... *fumarius* (Gravenhorst)
- Elytra with microsculpture, matte ..... *micans* (Gravenhorst)
- 54 – Pronotum with 7 punctures in each dorsal longitudinal row, rarely with eight punctures. Legs red-yellowish. Elytra red with darker base ..... *dimidiatipennis* Erichson
- Pronotum with two irregular rows of numerous punctures. Legs and elytra black ..... *punctus punctus* (Gravenhorst)

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#### ASUPRA SPECIILOR GENULUI *PHILONTHUS* STEPHENS (COLEOPTERA: STAPHYLINIDAE: STAPHYLININAE: STAPHYLININI: PHILONTHINA) DIN COLECȚIILE MUZEELOR DE ȘTIINȚELE NATURII DIN ROMÂNIA

#### REZUMAT

Au fost studiate specii ale genului *Philonthus* din colecțiile a patru muzee de științele naturii din România: Muzeul Național Brukenthal, Muzeul Național de Istorie Naturală "Grigore Antipa", Muzeul de Istorie Naturală Iași și Muzeul Olteniei Craiova. Deși lista de specii aparținând genului *Philonthus*, publicată în 2004, cuprinde 65 specii, în urma examinării exemplarelor din colecții am constatat prezența a 57 specii, dintre acestea, *Philonthus pyrenaicus* nu este în fauna României. Față de ceea ce există în colecțiile studiate, Catalogul Coleopteleror Palearctice (Smetana, 2004) mai semnalează pentru România alte cinci specii, ceea ce înseamnă că genul ar fi reprezentat în fauna României prin 61 specii. Speciile sunt prezentate alfabetic, nomenclatura folosită fiind cea

din Catalogul Coleoptelor Palearctice. Sunt prezentate 22 hărți de distribuție în România, pe baza exemplarelor studiate, pentru 56 specii. Pentru generarea hărților s-a folosit software Arc View GIS versiunea 8.3. La 28 de specii sunt prezentate fotografiile digitale ale eedeag-ului, mai ales la speciile care pun probleme în identificare, precum și cinci fotografii ale tergului X la femelă pentru tot atâtea specii. Este prezentată o cheie de determinare a speciilor de *Philonthus* din fauna României găsite în colecțiile muzeale studiate.



Fig. 2 - A: *Philonthus montivagus* Heer: aedeagus (ventral view); B: *Ph. laevicollis* (Lacordaire): aedeagus (a - ventral view, b - lateral view); C: *Ph. aerosus* Kiesenwetter: aedeagus (a - ventral view, b - lateral view); D: *Ph. politus* (Linnaeus): aedeagus (a - ventral view, b - lateral view). Scale bars: 0.5 mm.

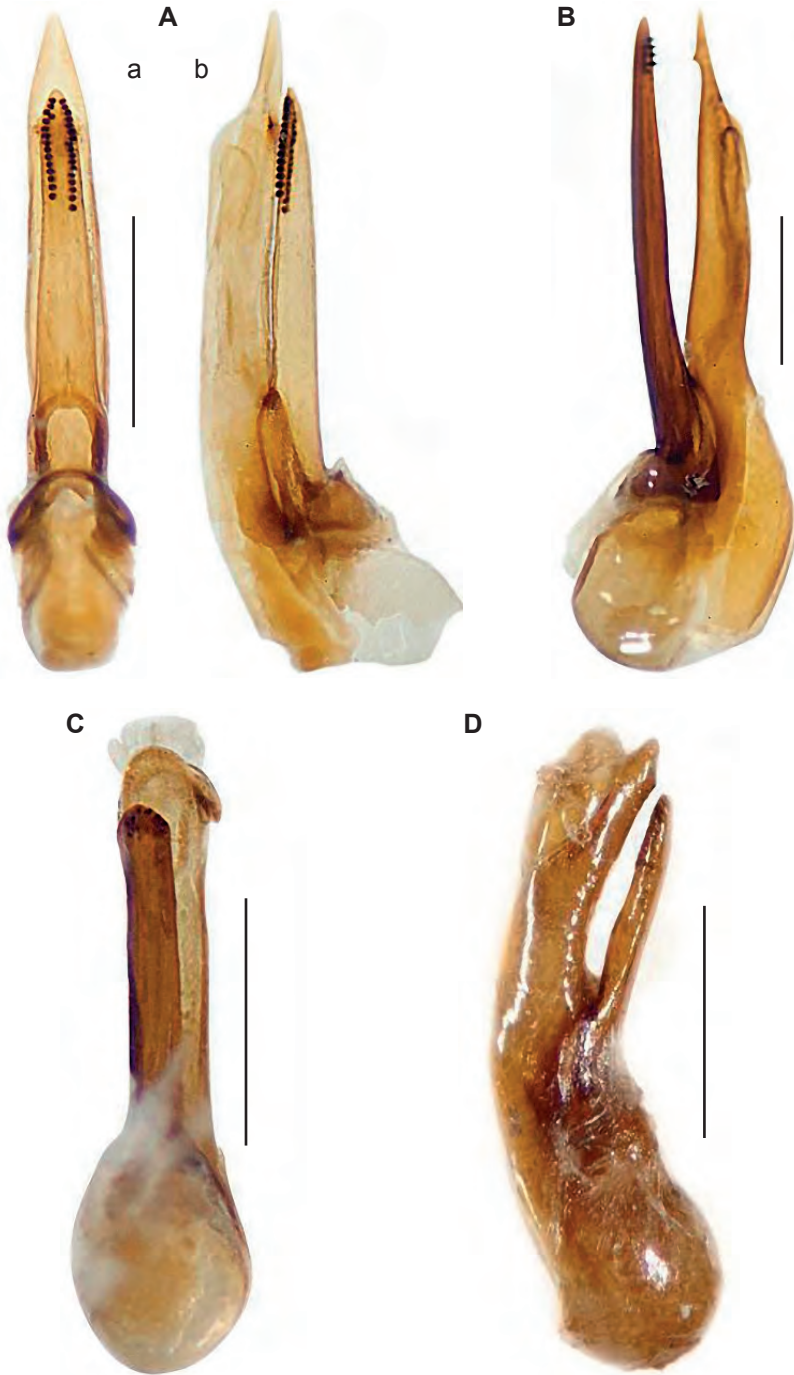


Fig. 3 - A: *Philonthus succicola* Thomson: aedeagus (a - ventral view, b - lateral view); B: *Ph. splendens splendens* (Fabricius): aedeagus (lateral view); C: *Ph. addendus* Sharp: aedeagus (ventral view); D: *Ph. tenuicornis* Mulsant & Rey: aedeagus (lateral view). Scale bars: 0.5 mm.



Fig. 4 - A: *Philonthus atratus* (Gravenhorst): aedeagus (a - ventral view, b - lateral view); B: *Ph. caerulescens* (Lacordaire): aedeagus (a - ventral view, b - lateral view); C: *Ph. mannerheimi* Fauvel: aedeagus (a - ventral view, b - lateral view). Scale bars: 0.5 mm.

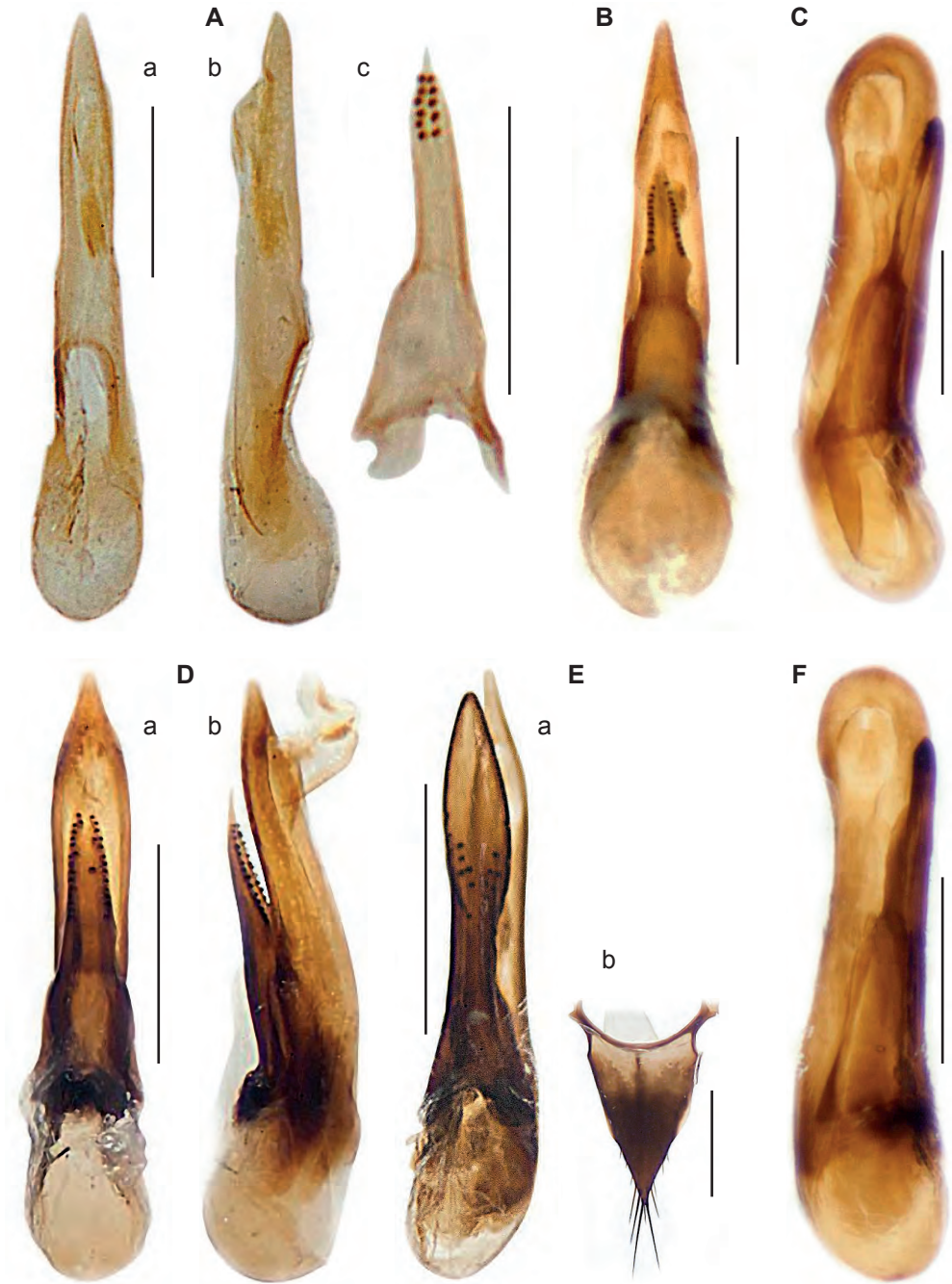


Fig. 5 - A: *Philonthus albipes* (Gravenhorst): median lobe (a - ventral view, b - lateral view), c - paramera (internal face); B: *Ph. caucasicus* Nordmann: aedeagus (ventral view); C: *Ph. cochleatus* Scheerpeltz: aedeagus (ventral view); D: *Ph. ebeninus*: aedeagus (a - ventral view, b - lateral view); E: *Ph. cruentatus* (Gmelin): a - aedeagus (ventral view), b - tergite X (female); F: *Ph. parvicornis* (Gravenhorst): aedeagus (ventral view). Scale bars: 0.25 mm (A, C, F), 0.5 mm (B, D, E).

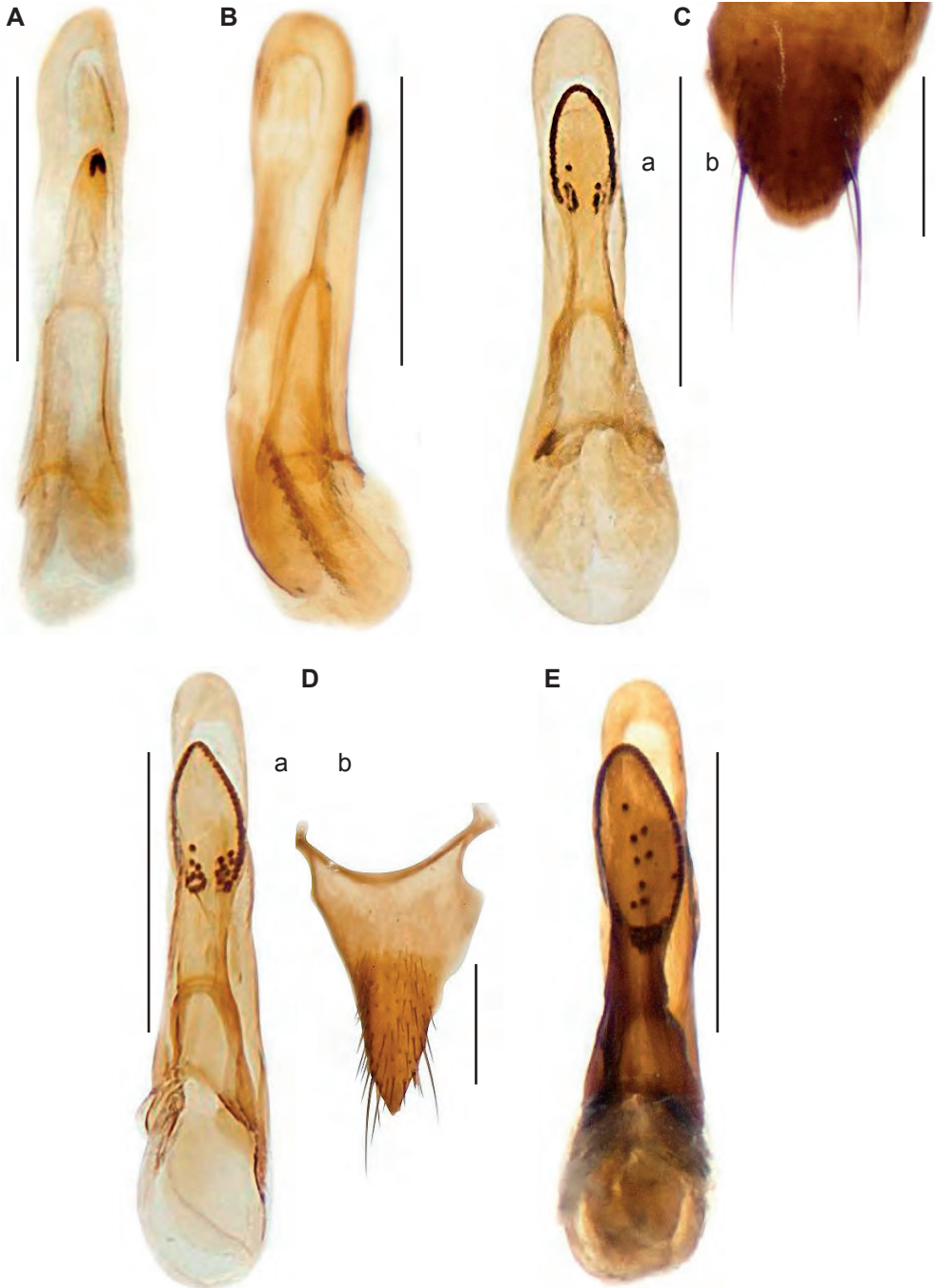


Fig. 6 - A: *Philonthus longicornis* Stephens: aedeagus (ventral view); B: *Ph. coprophilus* Jarrige: aedeagus (ventral view); C: *Ph. varians* (Paykull): a - aedeagus (ventral view), b - apex of tergite X (female); D: *Ph. pseudovarians* A. Strand: a - aedeagus (ventral view), b - tergite X (female); E: *Ph. jurgans* Tottenham: aedeagus (ventral view). Scale bars: 0.5 mm.

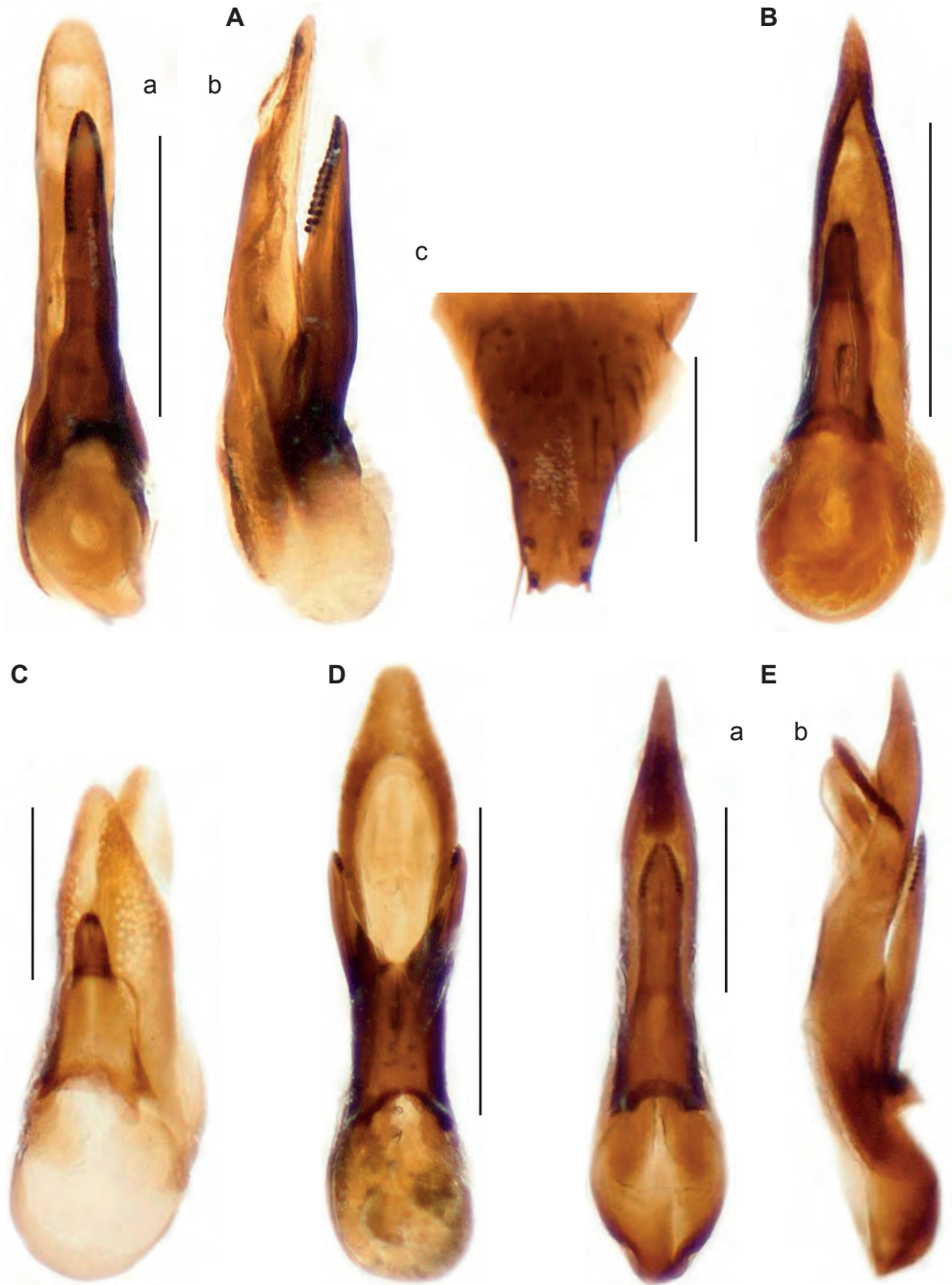


Fig. 7 - A: *Philonthus confinis* A. Strand: aedeagus (a - ventral view, b - lateral view), c - apex of tergite X (female); B: *Ph. quisquiliarius quisquiliarius* (Gyllenhal): aedeagus (ventral view); C: *Ph. viridipennis* Fauvel: aedeagus (ventral view); D: *Ph. micans* (Gravenhorst): aedeagus (ventral view); E: *Ph. dimidiatipennis* Erichson: aedeagus (a - ventral view, b - lateral view). Scale bars: 0.25 mm (A-c, C, E), 0.5 mm (A-a,b, B, D).

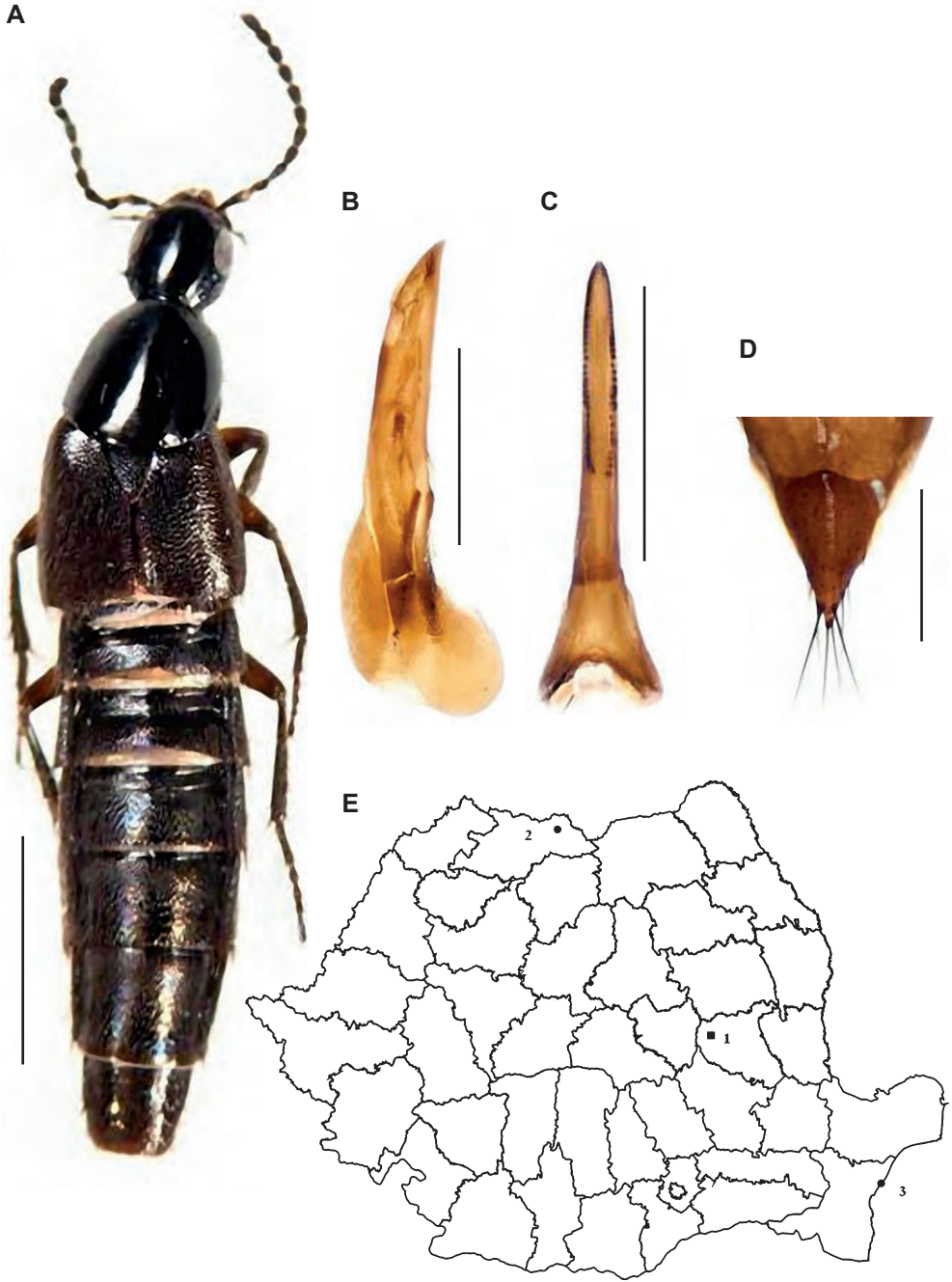


Fig. 8 - *Philonthus wuesthoffi* Bernhauer: A, habitus (male); B, median lobe (lateral view); C, paramera (internal face); D, tergite X (female). Scale: 2 mm (A), 0.5 mm (B-D). E: collecting sites in Romania (1 - Gresu, 2 - Poienile de sub Munte, 3 - Chituc Sand).

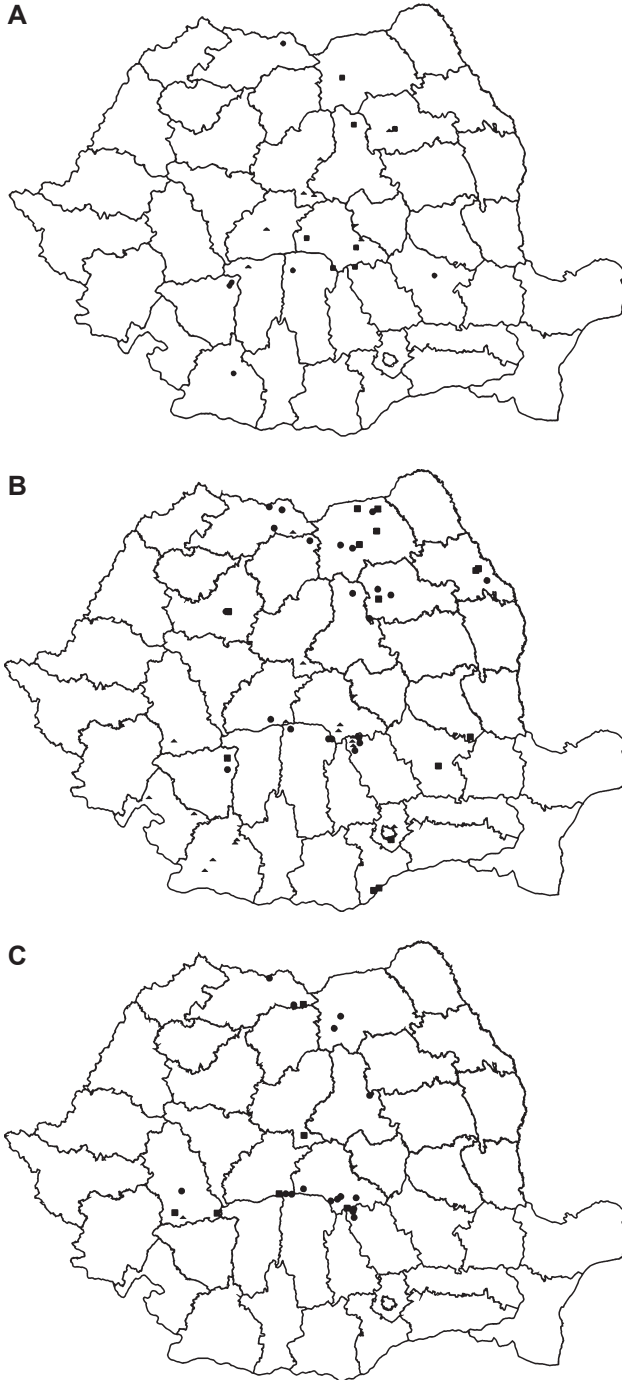


Fig. 9 - Distributions of *Philonthus spinipes spinipes* (A●), *Ph. nitidus* (A■), *Ph. cyanipennis* (A▲), *Ph. splendens splendens* (B●), *Ph. intermedius* (B■), *Ph. laminatus* (B▲), *Ph. laevicollis* (C●), *Ph. montivagus* (C■), *Ph. aerosus* (C▲) in Romania based on examined material.

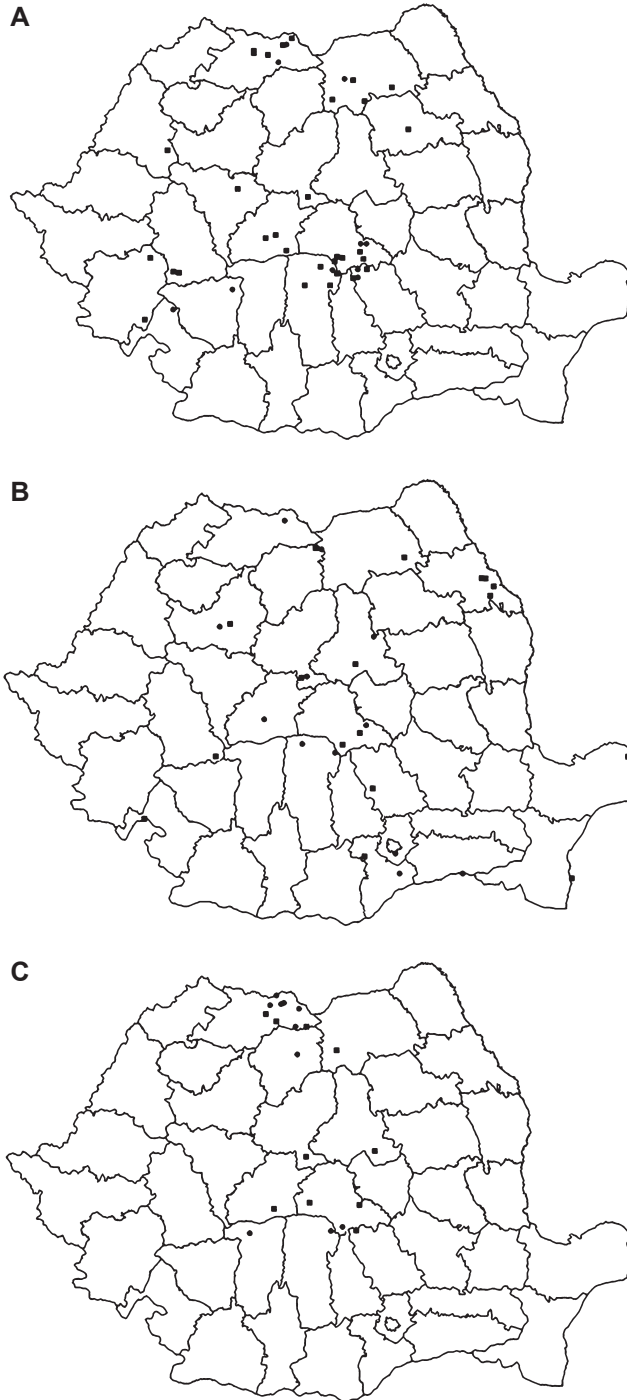


Fig. 10 – Distributions of *Philonthus addendus* (A●), *Ph. decorus* (A■), *Ph. succicola* (B●), *Ph. politus* (B■), *Ph. caerulescens* (C●), *Ph. atratus* (C■) in Romania based on examined material.

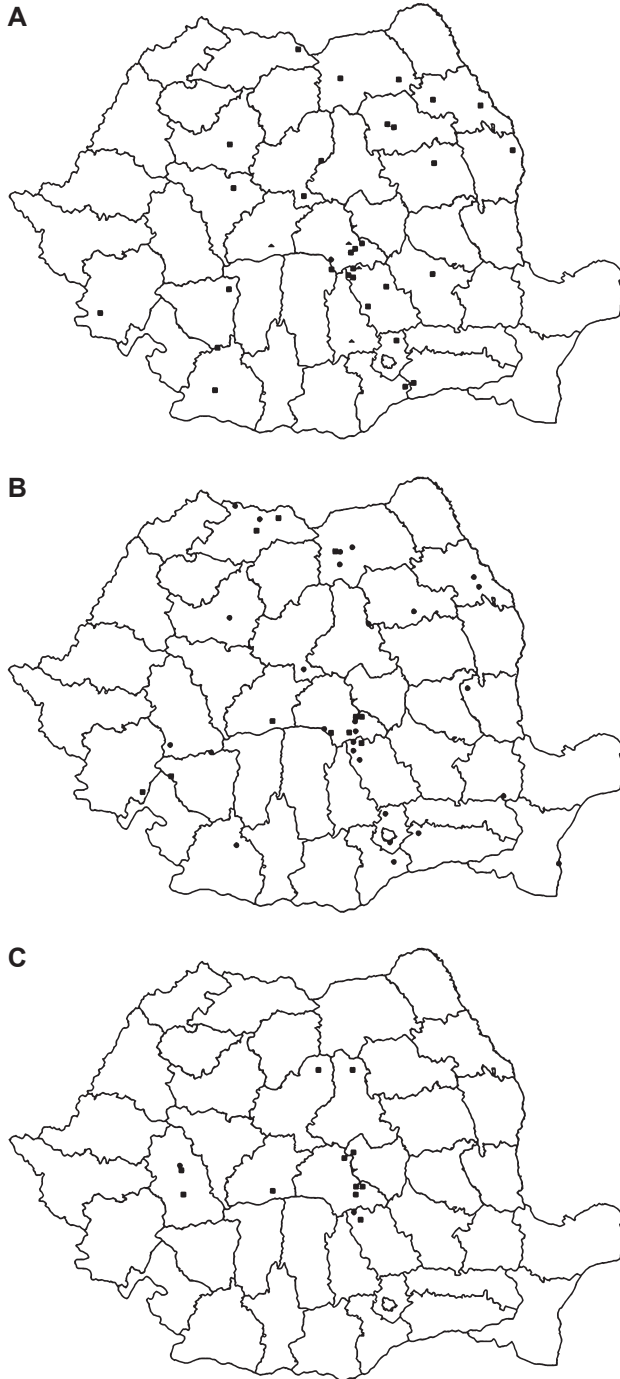


Fig. 11 - Distributions of *Philonthus alberti* (A●), *Ph. tenuicornis* (A■), *Ph. rotundicollis* (A▲), *Ph. cognatus* (B●), *Ph. mannerheimi* (B■), *Ph. nitidicollis* (C●), *Ph. lepidus* (C■) in Romania based on examined material.

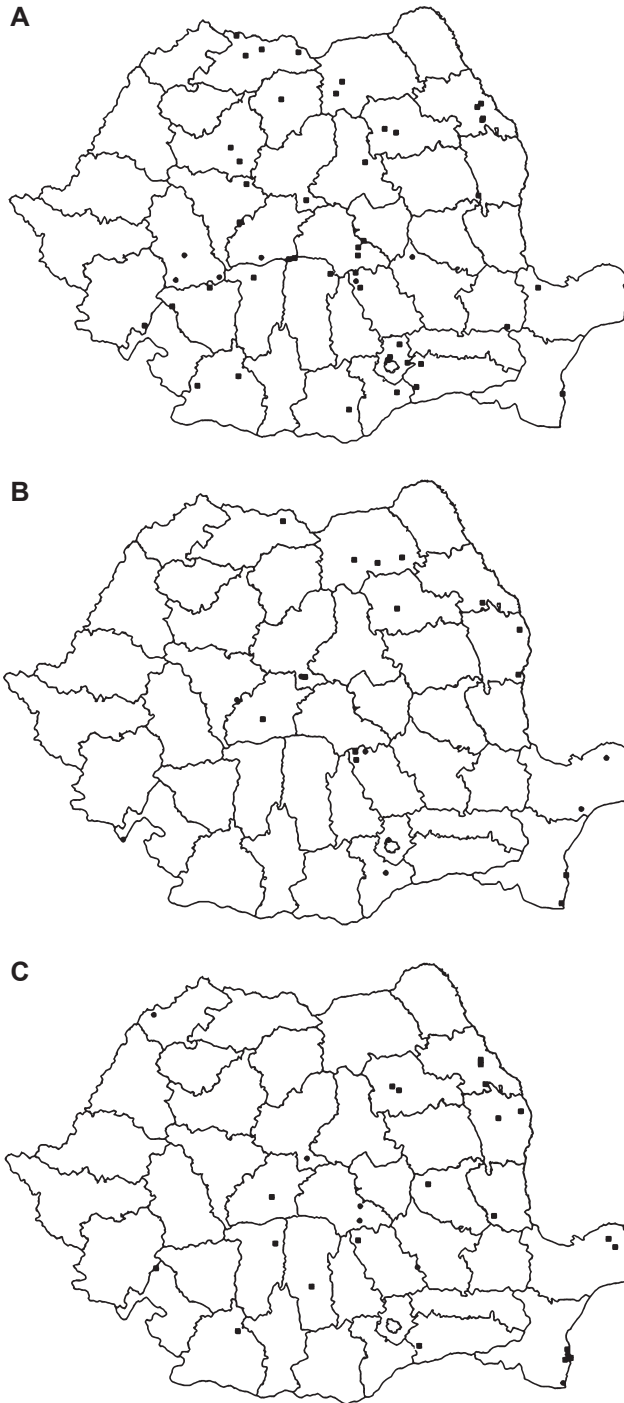


Fig. 12 - Distributions of *Philonthus frigidus* (A●), *Ph. carbonarius* (A■), *Ph. umbratilis* (B●), *Ph. albipes* (B■), *Ph. corruscus* (C●), *Ph. rectangulus* (C■) in Romania based on examined material.

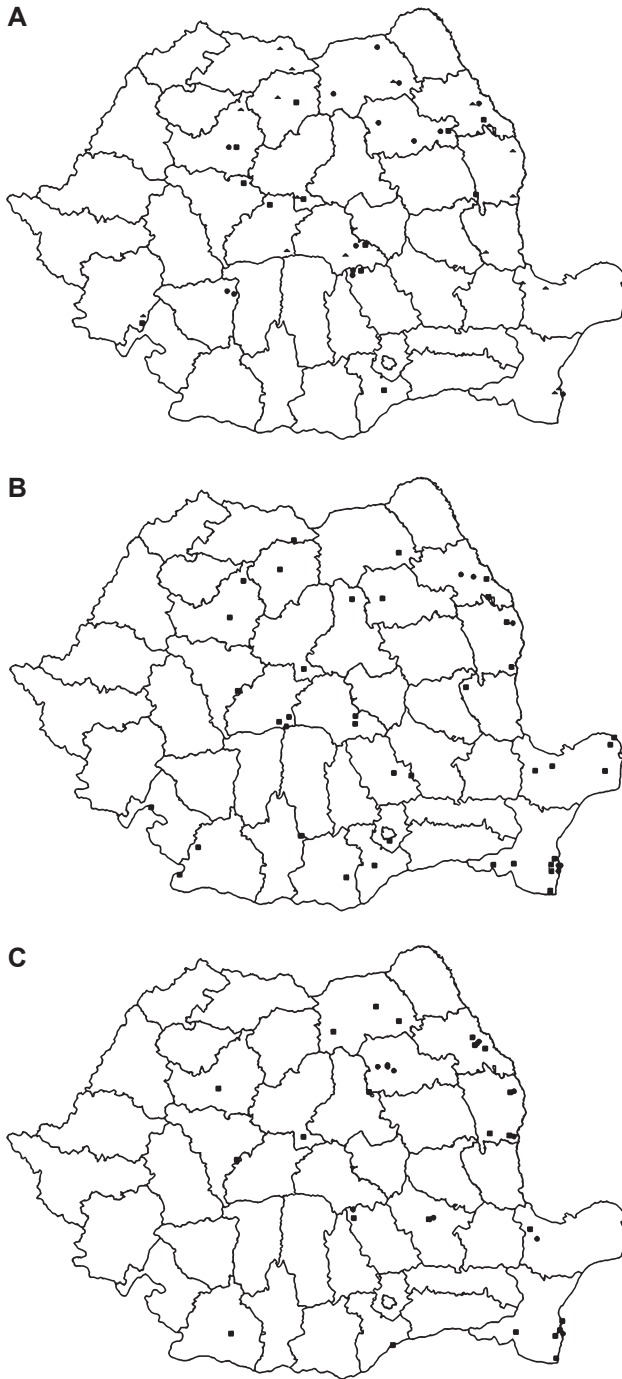


Fig. 13 - Distributions of *Philonthus sanguinolentus* (A●), *Ph. rufipes rufipes* (A■), *Ph. debilis* (A▲), *Ph. caucasicus* (B●), *Ph. concinnus* (B■), *Ph. ebeninus* (C●), *Ph. cochleatus* (C■) in Romania based on examined material.

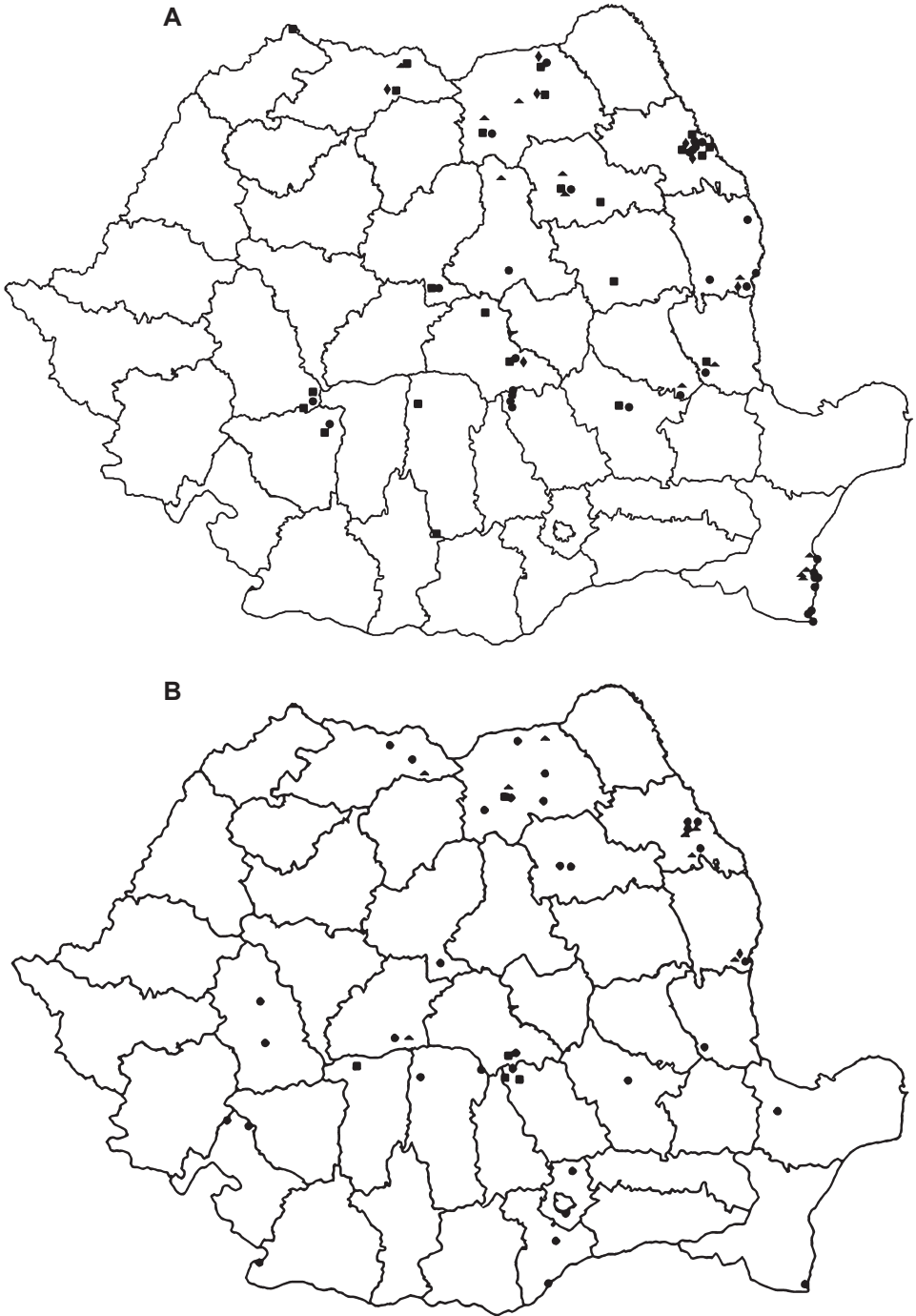


Fig. 14 - Distributions of *Philonthus parvicornis* (A●), *Ph. cruentatus* (A■), *Ph. longicornis* (A▲), *Ph. coprophilus* (A◆), *Ph. varians* (B●), *Ph. pseudovarians* (B■), *Ph. confinis* (B▲), *Ph. jurgans* (B◆) in Romania based on examined material.

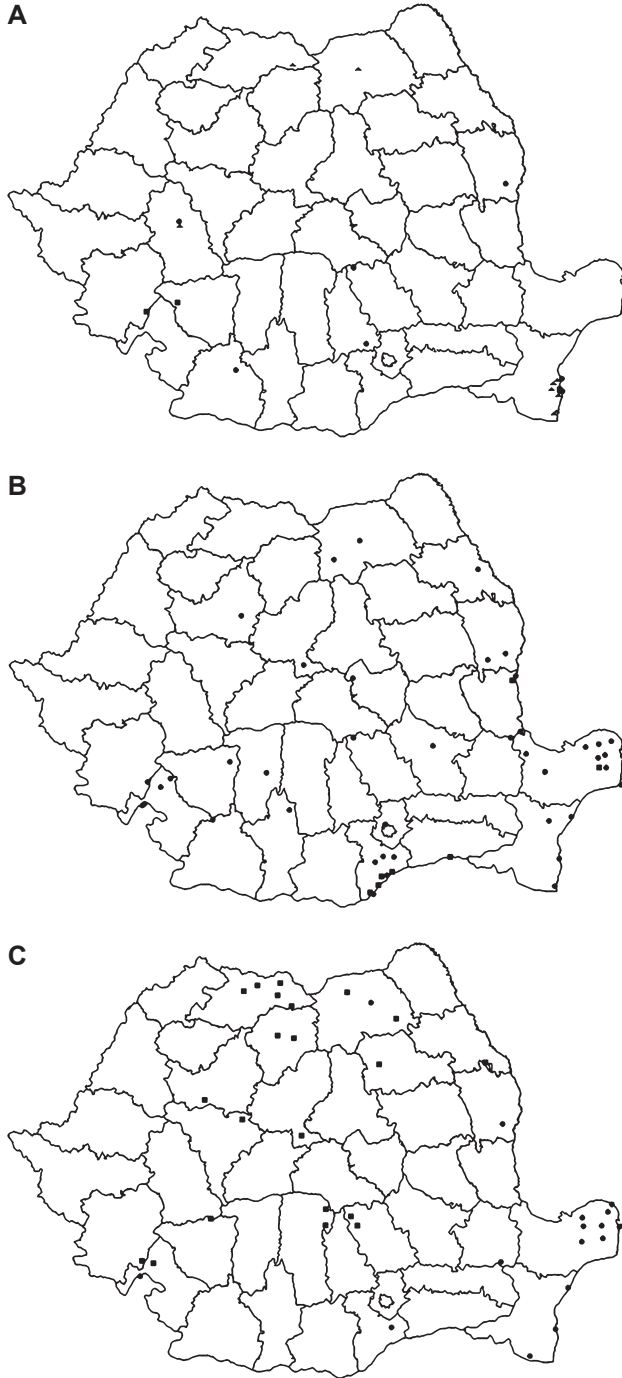


Fig. 15 - Distributions of *Philonthus discoideus* (A●), *Ph. rufimanus* (A■), *Ph. ventralis* (A▲), *Ph. quisquiliarius* (B●), *Ph. viridipennis* (B■), *Ph. salinus* (C●), *Ph. rubripennis* (C■) in Romania based on examined material.

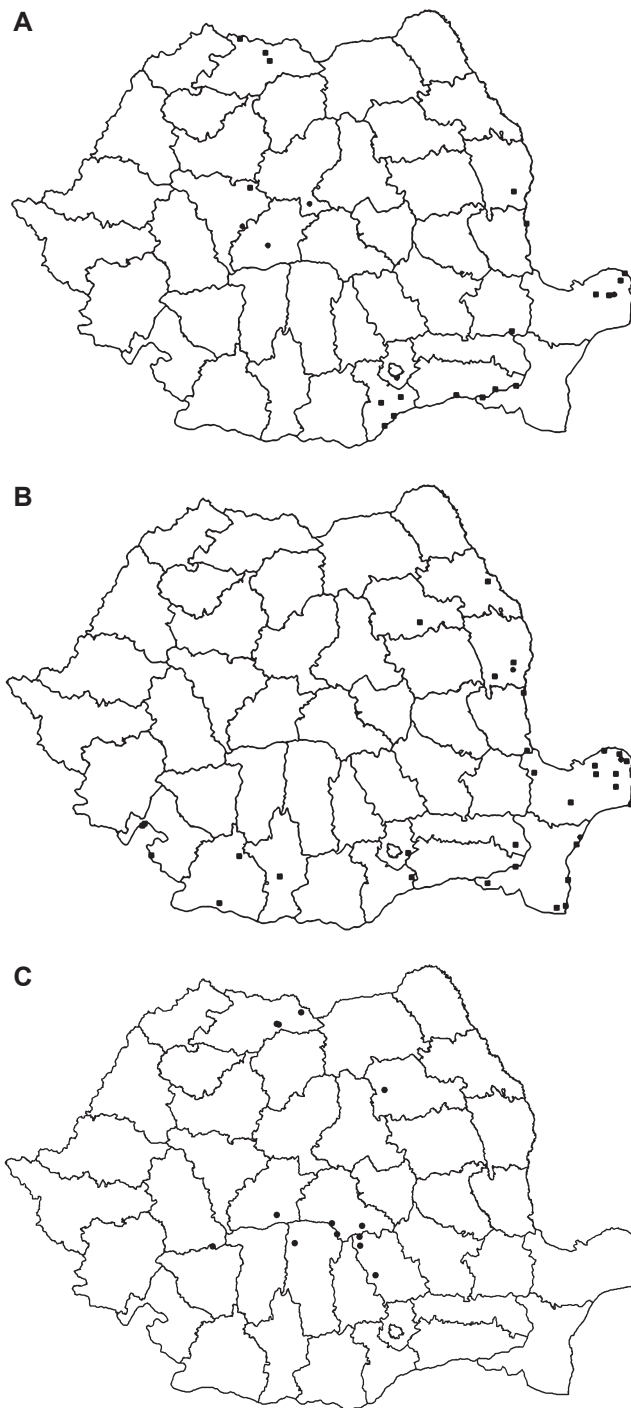


Fig. 16 - Distributions of *Philonthus fumarius* (A●), *Ph. micans* (A■), *Ph. dimidiatipennis* (B●) *Ph. punctus* (B■), *Ph. marginatus* (C) in Romania based on examined material.

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