

**New beetle species in the Hungarian fauna
(Coleoptera)**

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Abstracts – Eighty-nine species of Coleoptera belonging to 26 families are recorded from Hungary for the first time. With 8 figures.

Key words – Anobiidae, Anthicidae, Bostrichidae, Buprestidae, Ciidae, Clambidae, Coccinellidae, Cryptophagidae, Dermestidae, Dytiscidae, Elateridae, Eucnemidae, Georissidae, Laemophloeidae, Leiodidae, Limnichidae, Melandryidae, Monotomidae, Mycetophagidae, Phloeostichidae, Ptiliidae, Silvanidae, Staphylinidae, Tenebrionidae, Thanerocleridae, Trixagidae, Hungary, new records.

INTRODUCTION

Updated national checklists of various insect groups have been recently published in Hungary, e.g. Diptera (PAPP 2001), Microlepidoptera (SZABÓKY *et al.* 2002) and Macrolepidoptera (VARGA *et al.* 2004). A similar checklist of Coleoptera, the first after KUTHY's (1897) volume in the *Fauna Regni Hungariae*, is under preparation by the author of this paper.

Any good checklist should be based upon species with published records, and the most reliable records are those that imply whereabouts of specimens in order that determination can be checked in the future. The present paper lists first Hungarian records of 89 beetle species, which will be incorporated in the checklist of Coleoptera.

The families and the species are arranged in alphabetical order. The localities – also listed in alphabetical order – are grouped according to the Hungarian counties (county = megye, is abbreviated by m.), including the metropolitan area of Budapest. Translation of Hungarian words written on the specimen labels and com-

ments are in brackets. The number of specimens studied and the abbreviation of the depository collections are in parentheses.

Abbreviations of museum collections – HNHM = Hungarian Natural History Museum, Budapest, Hungary (curator: OTTÓ MERKL); JMHK = coll. JOSEF MERTLIK, Hradec Králové, Czech Republic; JPM = Janus Pannonius Museum, Pécs, Hungary (curator: TIBOR KISBENEDEK); KFM = Kazinczy Ferenc Museum, Sátoraljaújhely, Hungary (curator: GÁBOR HEGYESSY); MFM = Móra Ferenc Museum, Szeged, Hungary (curator: BÉLA GASKÓ).

ANOBIIDAE

Dorcatoma punctulata MULSANT et REY, 1864 – [Pest m.,] Bpst. Umgbg. [= environs of Budapest], Pilisi hegys. [= Pilis Hills], [no other data,] leg. H. DIENER (1, HNHM). Identified by P. ZAHRADNÍK (Prague, Czech Republic) in 2005.

Dorcatoma substriata HUMMEL, 1829 (= *serra* of authors, not PANZER, 1792) – Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 14. VI. 2002, leg. O. MERKL (1, HNHM); Zala m., Rezi, Púpos-hegy, fénycsapda [= light trap], 10. VII. 2002, leg. E. KONDOROSY (2, HNHM). Identified by P. ZAHRADNÍK (Prague, Czech Republic) in 2005.

Epauloecus unicolor (PILLER et MITTERPACHER, 1783) – Budapest, leg. D. KANABÉ (1, HNHM). Identified by the late S. M. IABLOKOFF-KHNZORIAN (Yerevan, Armenia) in the 1980s, checked by O. MERKL in 2003.

Falsogastrallus unistriatus (ZOUFAL, 1897) – Somogy m. [no other data] (5, HNHM). Identified by O. MERKL in 2004.

Hadrobregmus pertinax (LINNAEUS, 1758) – Budapest, leg. I. PEREGI (2, HNHM); [Győr-Moson-Sopron m.,] Sopron, 11. VI. to VII. 15. 1944, leg. E. DUDICH (1, HNHM); [Hajdú-Bihar m.,] Debrecen, leg. D. KANABÉ (1, HNHM). Identified by O. MERKL in 2006.

Mesothes ferrugineus (MULSANT et REY, 1860) – Heves m., Noszvaj, Síkfőkút, cseres-tölgyes [= turkey oak-sessile oak wood], fénycsapda [= light trap], 22. VII. 1992, leg. V. MARKÓ (1, HNHM). Identified by P. ZAHRADNÍK (Prague, Czech Republic) in 2005. – According to KOCH (1989) and other sources this species is associated with cork oak (*Quercus suber*). However, it is possibly not monophagous, because the Hungarian specimen was captured in an indigenous oak wood; cork oak does not occur in Hungary.

Mezium americanum LAPORTE DE CASTELNAU, 1840 – Budapest, [imported from] Brazil, Rio Gr. d. Sul, ex herba *Ilex paraguariensis*, I. 1932, leg. E. CSIKI (63, HNHM). Identified by the late S. M. IABLOKOFF-KHNZORIAN (Yerevan, Armenia) in the 1980s, checked by O. MERKL in 2003. – A cosmopolitan pest of stored products, it is sometimes introduced into Europe, but not established.

Ptinus (Tectoptinus) tectus BOIELDIEU, 1856 – Budapest, kizsátsiai madárbőrökről [= from bird skins coming from Asia Minor], leg. E. CSIKI (1, HNHM). Identified by the late S. M. IABLOKOFF-KHNZORIAN (Yerevan, Armenia) in the 1980s, checked by O. MERKL in 2003. – A species of unknown origin, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

Stagetus byrrhoides (MULSANT et REY, 1861) – Békés m., Szarvas, Szarvasi Arborétum, fényre [at light], 7. VIII. 1995, leg. O. MERKL (1, HNHM); [Csongrád m.,] Zsombó, 11. VIII. 1977, leg. B. GASKÓ (1, MFM); Pest m., Örkény, 21. VII. 1999, leg. A. PODLUSSÁNY (1, HNHM); [Pest m., Gödöllő,] M[á]ria[besnyő], 26.V.1910 [unknown collector] (1, HNHM); Pest m., Ócsa, Alsópakony, katonai lőtér [= military shooting area], autós hálózás este [= netting with car at sunset], 19.

VII. 2004, leg. O. MERKL (1, HNHM); Zala m., Rezi, Púpos-hegy, fénycsapda [=light trap], 10. VII. 2002, leg. E. KONDOROSY (1, HNHM). Identified by P. ZHRADNÍK (Prague, Czech Republic) in 2006. – The specimen from Szarvas was misidentified and published as *Stagetus pilula* (AUBÉ, 1861) by MERKL (1998a).

Tricorynus tabaci (GUÉRIN-MÉNEVILLE, 1850) – Budapest [no other data] (1, HNHM). Identified by P. ZHRADNÍK (Prague, Czech Republic) in 2005. – A species from Central America, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

Trigonogenius globosus (SOLIER, 1849) – Budapest, 10. VIII. 1935, leg. E. CSIKI (6, HNHM). Identified by the late S. M. IABLOKOFF-KHNZORIAN (Yerevan, Armenia) in the 1980s, checked by O. MERKL in 2003. – A species from Australia, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

ANTHICIDAE

Anthicus fenestratus W. L. E. SCHMIDT, 1842 – [Baranya m.,] Villány, 6. V. 1986, Luftkätscher, leg. MAX SIEBER (1, collection of MAX SIEBER, Görlitz, Germany). Identified by D. TELNOVS (Riga, Latvia) in 2003.

Pseudotomoderus compressicollis (MOTSCHULSKY, 1839) (Fig. 1) – Somogy m., Ordacsehi, Csehi-nagy-berek, fényre [= at light], 21. VII. 2004, leg. A. LŐKKÖS (1, HNHM); Zala m., Balatonyörök, Bece-hegy, 24. VII. 2004, leg. E. KONDOROSY (1, HNHM). Identified by O. MERKL in 2005.

BOSTRICHIDAE

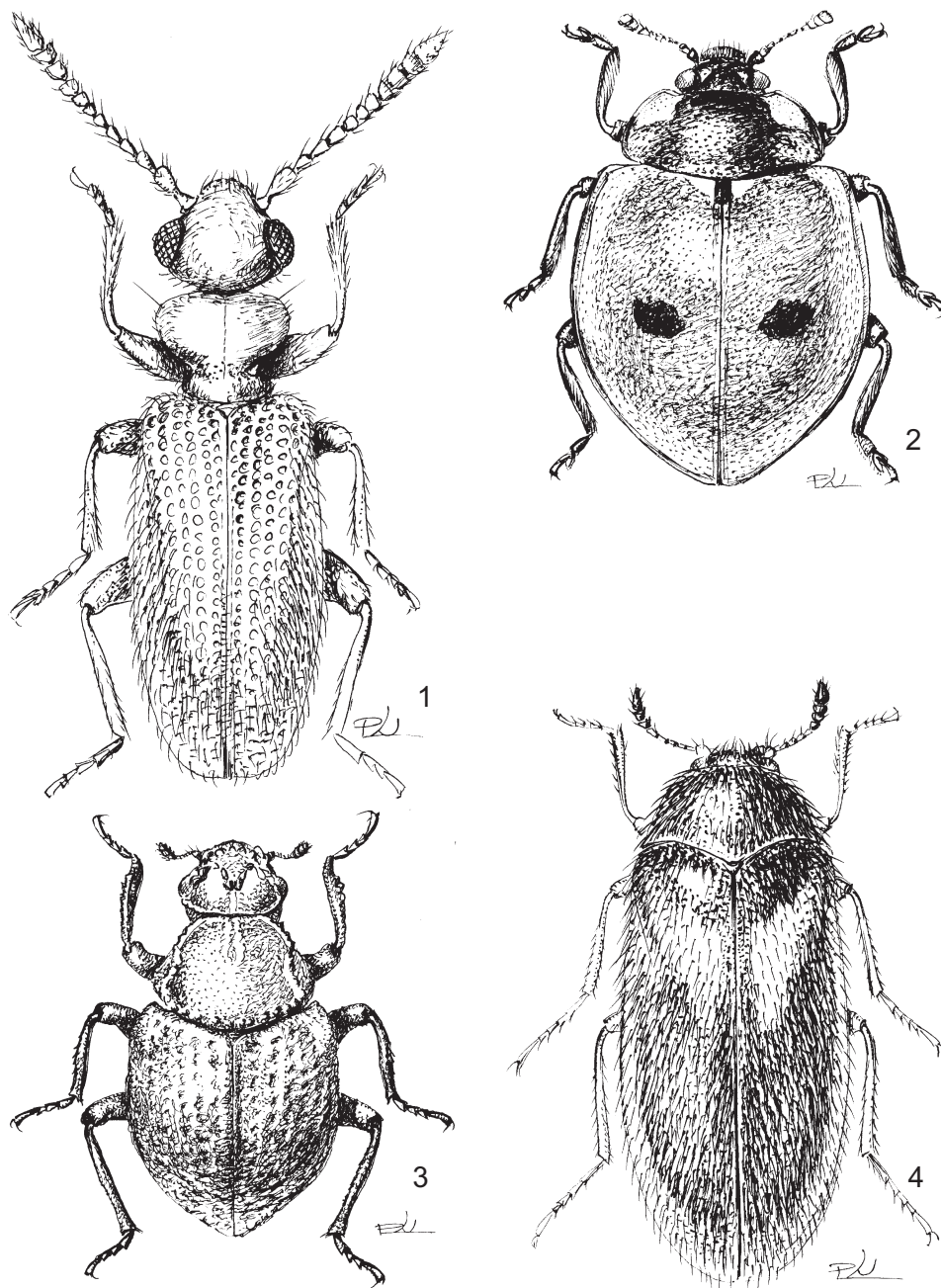
Dinoderus minutus (FABRICIUS, 1775) – Budapest, Indonéziából importált bambuszról [= from bamboo imported from Indonesia], XI. 2001, leg. A. PODLUSSÁNY (2, HNHM). Identified by A. PODLUSSÁNY (Budapest, Hungary) in 2004. – A species of unknown origin, it is regularly introduced into Europe, but not established. It is categorized as casual alien species by ŠEFROVÁ & LAŠTŮVKA (2005).

BUPRESTIDAE

Anthaxia (Haplanthaxia) rossica DANIEL, 1903 – [Csongrád m.,] Makó, 12. VII. 1989, leg. B. GASKÓ (1, MFM); [Csongrád m.,] Makó, 5. VII. 1990, leg. B. GASKÓ (1, MFM). Identified by J. MUSKOVITS (Budapest, Hungary) in 2006.

CIIDAE

Ropalodontus baudueri ABEILLE DE PERRIN, 1874 – Budapest, XII. ker., Virág-völgy, bükkös, gombás ágakról [= beech forest, from fungus-grown branches], 20. VI. 1999, leg. O. MERKL (2, HNHM). Identified by J. REIBNITZ (Stuttgart, Germany) in 2002.



Figs 1–4. 1 = *Pseudotomoderus compressicollis* (MOTSCHULSKY, 1839), 2 = *Coccinella saucerottii* MULSANT, 1850, 3 = *Reesa vespulae* ((MILLIRON, 1939), 4 = *Georissus substriatus* (HEER, 1841).
Not to scale

CLAMBIDAE

Clambus pilosellus REITTER, 1876 – [Baranya m.,] Fünfkirchen [= Pécs], Coll. CARL BOSCH (1, HNHM). Identified by the late S. ENDRÖDY-YOUNGA (then Budapest, Hungary) in 1964.

COCCINELLIDAE

Coccinella saucerottii MULSANT, 1850 (= *lutshniki* DOBRZHANSKY, 1917) (Fig. 2) – Budapest, leg. J. HAJÓSS (1, HNHM); Budapest vid. [= environs of Budapest], leg. J. HAJÓSS (1, HNHM); Budapest, leg. J. GYÓRFFY (1, HNHM); [Hajdú-Bihar m.,] Debrecen, leg. D. KANABÉ (1, HNHM); [Tolna m.,] Kakasd, VIII. 1908, leg. F. EHMANN (1, HNHM). Identified by O. MERKL in 1984.

Nephus (Nephus) ulbrichi FÜRSCH, 1977 – Budapest, 25. VII. 1909 [unknown collector] (1, HNHM). Identified by H. FÜRSCH (Ruderting, Germany) in 2004.

Nephus (Sidis) anomus (MULSANT, 1846) – [Baranya m.,] Magyarhertelend, leg. V. STILLER (1, HNHM); Budapest, Mátyás-hegy, 28. III. 1936, leg. E. CSIKI (1, HNHM); Budapest Umgebung [= environs of Budapest], Farkas-völgy, VI. 1921, leg. J. FODOR (1, HNHM); Budapest, Széher út, kórházkert [= garden of hospital], 29. VII. 1949, leg. E. CSIKI (1, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Albertfalva, V. 1926, leg. H. DIENER (1, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Albertfalva, IV. 1930, leg. H. DIENER (1, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Sas-hegy, IV. 1904, leg. H. DIENER (1, HNHM); Bpst [= Budapest], Óbuda, Határ út, IV. 1934, leg. H. DIENER (1, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Óbudai hgys., Hármashatár-hegy, 13. IV. 1909, leg. H. DIENER (1, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Óbudai hgys., Óbuda, IV. 1903, leg. H. DIENER (1, HNHM); [Csongrád m.,] Szeged, 2. IV. 1933, leg. V. STILLER (1, HNHM); [Fejér m.,] Martonvásár, fűhálózza [= swept], 17–18. VI. 1955, leg. Z. KASZAB (1, HNHM); [Hajdú-Bihar m.,] Hortobágy, Nádudvar, 25. V. 1918, leg. E. CSIKI (1, HNHM); [Pest m.,] Érd, 5. IX. 1937, leg. E. CSIKI (1, HNHM); [Pest m.,] Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Szentendre, VI. 1905, leg. H. DIENER (1, HNHM); [Pest m.,] Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Leányfalu, leg. H. DIENER (1, HNHM); [Somogy m.,] Balatonlelle, leg. I. PEREGI (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (5, HNHM). Identified by H. FÜRSCH (Ruderting, Germany) in 1994.

Scymnus (Neopullus) silesiacus WEISE, 1902 – Budapest, leg. F. WACHSMANN (1, HNHM); Budapest, Hűvösvölgy, 26. VI. 1935, leg. V. STILLER (4, HNHM); Budapest, Hűvösvölgy, 24. VII. 1935, leg. V. STILLER (1, HNHM); Budapest, Hűvösvölgy, 11. VII. 1936, leg. V. STILLER (4, HNHM). Identified by H.-E. WANNTORP (Vallentuna, Sweden) in 2003. –WANNTORP (2004) mentioned this species from Hungary, based on specimens identified by himself. However, no exact localities were given.

Scymnus (Pullus) fraxini wichmanni (FÜRSCH, 1960) – [Baranya m.,] Pécs, 1904, leg. E. KAUFMANN (1, HNHM); [Baranya m.,] Pécs, 1907, leg. E. KAUFMANN (1, HNHM); [Győr-Moson-Sopron m.,] Hegykő, Fertő-tó, 25. VII. 1918, leg. R. STREDA (1, HNHM). Identified by H. FÜRSCH (Ruderting, Germany) in 1994.

Scymnus (Pullus) impexus MULSANT, 1850 – [Győr-Moson-Sopron m.,] Pinye, 1. VII. 1916, leg. R. STREDA (1, HNHM); [Győr-Moson-Sopron m.,] Pinye, 1. XI. 1916, leg. R. STREDA (1, HNHM); [Győr-Moson-Sopron m.,] Sopron, Várhely, 14. VII. 1954, leg. Z. KASZAB (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM). Identified by H. FÜRSCH (Ruderting, Germany) in 1994.

Scymnus (Scymnus) doriai CAPRA, 1924 – [Komárom-Esztergom m.,] Esztergom, leg. E. BOKOR (1, HNHM); Pest m., Örkény, homokpusztarét, fűhálózás [= sandy grassland, swept], 19. VII. 1995, leg. A. PODLUSSÁNY (1, HNHM); Örkény, homokpusztarét, fűhálózás [= sandy grassland, swept], 20. VI. 2000, leg. O. MERKL (1, HNHM). Identified by O. MERKL in 2000.

Scymnus (Scymnus) marginalis (ROSSI, 1794) – Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Budai hegys. [= Buda Hills], Budakeszi, leg. H. DIENER (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (2, HNHM). Identified by O. MERKL in 1997, confirmed by H. FÜRSCH (Ruderting, Germany) in 2004.

CRYPTOPHAGIDAE

Atomaria (Anchicera) basicornis REITTER, 1888 – [Borsod-Abaúj-Zemplén m., Miskolc,] Lillafüred, leg. I. PEREGI (1, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 1981.

Atomaria (Anchicera) clavigera GANGLBAUER, 1899 – [Heves m.,] Nagyvisnyó, Elzalak, 5–12. VI. 1956, leg. Z. KASZAB & V. SZÉKESSY (1, HNHM); [Győr-Moson Sopron m.,] Ménfőcsanak, 27. VII. 1943, leg. D. RÉVY (1, HNHM); [Győr-Moson Sopron m.,] Mosonmagyaróvár, 10. VI. 1944, leg. D. RÉVY (1, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 1979 and 1981.

Atomaria (Anchicera) morio KOLENATI, 1846 – [Pest m., Perőcsény,] Csóványos, 900–939 m, leg. E. DUDICH (2, HNHM). Identified by C. JOHNSON (Manchester, Great Britain).

Atomaria (Anchicera) pseudatra REITTER, 1887 – [Veszprém m.,] Balatonakali, leg. MAX SIEBER (1, collection of MAX SIEBER, Görlitz, Germany). Personal communication by C. JOHNSON (Manchester, Great Britain).

Atomaria (Anchicera) slavonica JOHNSON, 1971 – Budapest, Kincstári erdő, 1976, leg. J. PÁVEL (1, HNHM); Budapest, Lágymányos, leg. H. DIENER (1, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Kamaraerdő, 22. IV. 1918, leg. H. DIENER (1, HNHM); [Baranya m.,] Pécs, leg. F. EHMANN (1, HNHM); [Komárom-Esztergom m., Gánt,] Fáni-völgy, 13. III. 1961, leg. S. ENDRÓDY-YOUNGA (2, HNHM); [Komárom-Esztergom m., Gánt,] Fáni-völgy, rostálva [= sifted], 7. VII. 1961, leg. Z. KASZAB (1, HNHM); [Pest m.,] Galgamácsa, 14. IV. 1934, leg. J. FODOR (2, HNHM); [Pest m., Gödöllő,] Máriabesnyő, 30. X. 1932, leg. J. FODOR (2, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (7, HNHM); [Veszprém m., Várpalota,] Pét, leg. F. LICHTNECKERT (1, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 1981.

Atomaria (Atomaria) impressa ERICHSON, 1846 – [Baranya m.,] Pécs, 1918 [leg. E. KAUFMANN] (1, HNHM); [Borsod-Abaúj-Zemplén m., Háromhuta,] Óhuta, egyelve [= hand-captured], 19. V. 1960, leg. S. ENDRÓDY-YOUNGA & Z. KASZAB (1, HNHM); [Heves m.,] Nagyvisnyó, Elzalak, rostálva [= sifted], 5–12. VI. 1956, leg. Z. KASZAB & V. SZÉKESSY (1, HNHM); Budapest Umgebung [= environs of Budapest, but in fact, Komárom-Esztergom m.], Dömös, VI. 1904, leg. H. DIENER (1, HNHM); [Pest m.,] Pilisszentkereszt, leg. O. MIHÓK (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM); [Vas m., Kőszeg,] Gyöngyös partjáról rostálva [= sifted from the side of Gyöngyös stream], 25. X. 1938, leg. A. VISNYA (1, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 1981.

Atomaria (Atomaria) lohsei JOHNSON et STRAND, 1968 – [Vas m.,] Kőszegi-hegység, 24–29. IX. 1936, Exc. Inst. Syst. Zool. Univ. Budapest (1, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 2004.

Atomaria (Atomaria) punctithorax REITTER, 1887 – [Fejér m.,] Csákvár, 24. III. 1961, leg. S. ENDRÓDY-YOUNGA (3, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 1981.

Atomaria (Atomaria) vespertina MÄKLIN, 1853 (= *pulchra* of authors, not ERICHSON, 1846, see JOHNSON 2006) – [Pest m., Kemence,] Királyháza, III. 1920, leg. E. DUDICH (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM). Identified by C. JOHNSON (Manchester, Great Britain) in 2004.

Cryptophagus dilutus REITTER, 1874 – [Fejér m.,] Velence, park, 18. V. 1951, leg. J. BALOGH & E. SOMFAI (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (3, HNHM); [Tolna m.,] Simontornya, 1911, leg. E. REITTER (1, HNHM); [Veszprém m., Balatonvilágos,] Balatonaliga, leg. I. PEREGI (1, HNHM); [Veszprém m.,] Berhida, 1–5. VI. 1951, leg. V. SZÉKESSY (2, HNHM); [Veszprém m.,] Pápa, leg. F. WACHSMANN (1, HNHM); [Veszprém m.,] Vilonya, gólyafészek [= nest of stork], leg. R. LENCI (1, HNHM). Identified as *Cryptophagus hexagonalis* of authors, not TOURNIER, 1872 by the late M. REŠKA (Prague, Czech Republic) in 1978; checked by C. JOHNSON (Manchester, Great Britain) in 2004.

Cryptophagus micaceus REY, 1889 – Budapest, Csepel, Vízművek, fűhálózás [= swept], 8. IX. 1995, leg. O. MERKL (1, HNHM); [Budapest,] János-hegy, 11. VI. 1957, leg. D. RÉVY (1, HNHM); Budapest, Rákospalota, Szilas-patak, fűhálózás [= swept], 7. X. 1995, leg. O. MERKL (1, HNHM); [Borsod-Abaúj-Zemplén m.,] Háromhuta, Mária-forrás, 11. VII. 2002, leg. G. HEGYESSY (1, HNHM); [Hajdú-Bihar m.,] Debrecen, 24. IV. 1935, leg. A. ROSTKOWICZ (1, HNHM); [Fejér m.,] Nadap, Antónia-hegy, öreg tölgyes [= old oak forest], száraz fák töve & kéreg alól rostálva [= sifted from base of old trees & from beneath bark], 14. XI. 1951, leg. Z. KASZAB (1, HNHM); Heves m., Noszvaj, Síkfőkút, cseres-tölgyes [= turkey oak-sessile oak wood], fénycsapda [= light trap], 11. VIII. 1992, leg. V. MARKÓ (1, HNHM); Pest m., Visegrád, Apát-kúti-völgy, 300 m, *Aegopodio-Alnetum glutinosae*, erjedő gyümölcsről [= from fermenting fruit], 7. IX. 1990, leg. L. ÁDÁM (1, HNHM). Identified by the late M. REŠKA in 1978 and J. C. OTERO (Santiago de Compostela, Spain) in 2000 and 2001; checked by C. JOHNSON (Manchester, Great Britain) in 2004.

Cryptophagus quercinus KRAATZ, 1852 – [Borsod-Abaúj-Zemplén m., Füzér,] Nagy-Milic, bükkösben rostálva [= sifted in beech forest], 12. VII. 1960, leg. S. ENDRÓDY-YOUNGA (1, HNHM); [Heves m.,] Mátra [no other data] (1, HNHM); [Zala m.,] Keszthely, leg. J. GYÓRFFY (1, HNHM). Identified by the late M. REŠKA (Prague, Czech Republic) in 1978; checked by C. JOHNSON (Manchester, Great Britain) in 2004.

Cryptophagus rotundatus COOMBS et WOODROFFE, 1955 – [Győr-Moson-Sopron m.,] Pinnye, 10. XI. 1919, leg. R. STREDA (1, HNHM). Identified by the late M. REŠKA (Prague, Czech Republic) in 1978; checked by C. JOHNSON (Manchester, Great Britain) in 2004.

Spavius glaber (GYLLENHAL, 1808) – Budapest, leg. R. STREDA (4, HNHM); Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Isaszeg, IV. 1905, leg. H. DIENER (2, HNHM); [Pest m., Gödöllő,] Máriabesnyő, 26. V. 1907, leg. J. FODOR (2, HNHM); [Vas m.,] Kőszeg, Alsó-erdő, *Formica rufa* boly [= anthill], 15. XI. 1938, leg. A. VISNYA (12, HNHM). Identified by the late M. REŠKA (Prague, Czech Republic) in 1978.

DERMESTIDAE

Dermestes (Dermestes) haemorrhoidalis KÜSTER, 1852 – Pest m., Érd-Parkváros, Debrői utca [= street] 10/2, nappaliban [= in living room], 12. III. 2006, leg. A. GRABANT (1, HNHM). Identified by O. MERKL in 2006. – Originating probably from South America, it is frequently introduced to Europe and other parts of the World, and established in many areas.

Dermestes (Dermestinus) kaszabi KALÍK, 1950 – Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], Budapest, Hármashatárh[egy], IV. 1906, leg. H. DIENER (1, HNHM). Identified

by M. MROCZKOWSKI (Warsaw, Poland) in 1959. – When studying materials of *Dermestes mustelinus* ERICHSON, 1848 from various localities, KALÍK (1950) came to the conclusion that this species is restricted to the south-western part of Europe. The populations of south-eastern Europe through Turkey to Iran belong to two other species, *D. intermedius* KALÍK, 1951 and *D. kaszabi* KALÍK, 1950. *D. intermedius* was already mentioned from Hungary in the description (KALÍK 1951). Although LOHSE (1976), ZHANTIEV (1976) and HÁVA (2003) mentioned *D. kaszabi* to occur in Hungary, the specimens on which these records are based, are unknown to me. The only reliable specimen of *D. kaszabi* from present-day Hungary is the above-mentioned one.

Globicornis corticalis (EICHHOFF, 1863) – Bpst Umgbg. [= Budapest Umgebung, environs of Budapest], [Pest m., Pilisszentkereszt,] Dobogókő, leg. H. DIENER (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (2, HNHM). Identified by M. MROCZKOWSKI (Warsaw, Poland) in 1959.

Reesa vespulae (MILLIRON, 1939) (Fig. 4) – Budapest, MTM Állattár [= HNHM, Department of Zoology], VIII., Baross u. 13, rovardobozból [= from insect drawer], 15. VII. 1996, leg. O. MERKL (5, HNHM); Budapest, MTM Állattár [= HNHM, Department of Zoology], VIII., Baross u. 13, rovardobozból [= from insect drawer], 15. VI. 2002, leg. O. MERKL (26, HNHM); Budapest, MTM Állattár [= HNHM, Department of Zoology], VIII., Baross u. 13, rovardobozból [= from insect drawer], 10. VI. 2006, leg. O. MERKL (2, HNHM). Identified by O. MERKL in 2002 and 2006. – This parthenogenetic species was inadvertently introduced from North America to Europe. In 1963 in Norway and Finland it was found to be a pest of insect collections (LOHSE 1979). Now it is known to occur in various countries of the Holarctic Region as well as in Chile, Australia and New Zealand (HÁVA 2003). It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

Trogoderma inclusum Leconte, 1854 – Budapest, 30. VI. 1920, leg. L. BÍRÓ (4, HNHM); Budapest, 10. V. 1926, leg. L. BÍRÓ (1, HNHM); Budapest [no other data] (1, HNHM). Identified by J. HÁVA (Prague, Czech Republic) in 2004.

DYTISCIDAE

Hydroglyphus confusus (KLUG, 1834) – Borsod-Abaúj-Zemplén m., Szögliget, Ménes-völgy, 250 m, *Aegopodio-Alnetum glutinosae*, talajcsapdázás [= pitfall trapping], 16. VII. 1983, leg. L. ÁDÁM (1, HNHM). Identified by L. ÁDÁM (Budapest, Hungary) in 1983.

Nebrioporus (Zimmermannius) canaliculatus (LACORDAIRE, 1835) – Győr-[Moson-]Sopron m., Dunakiliti, Duna, 90 m, vízihálózás [= netting from water], 23. IX. 1977, leg. L. ÁDÁM (10, HNHM). Identified by L. ÁDÁM (Budapest, Hungary) in 1978.

ELATERIDAE

Cidnopus aeruginosus (OLIVIER, 1790) – [Baranya m.,] Heresznye, Dráva river, on *Euonymus europaeus*, 22. IV. 2006, leg. J. KRÁTKÝ (1 male, JMHK). Identified by J. MERTLIK (Hradec Králové, Czech Republic) in 2006. – This species was deleted from the Hungarian list by MERKL & MERTLIK (2005) because all specimens recorded earlier under this name proved to be *Cidnopus ruzenae* (LAIBNER, 1977). However, this recently collected specimen proves occurrence of this species in Hungary.

EUCNEMIDAE

Clypeorhagus clypeatus (HAMPE, 1850) – [Borsod-Abaúj-Zemplén m.,] Pácin, Mágócsi-kastély, 29. VIII. 2004, leg. G. HEGYESSY (1, HNHM). Identified by O. MERKL in 2005.

GEORISSIDAE

Georissus substriatus (HEER, 1841) (Fig. 3) – [Borsod-Abaúj-Zemplén m.,] Rakacaszend, Debréte-patak, 8. V. 1998, leg. G. HEGYESSY (1, HNHM).

LAEMOPHLOEIDAE

Cryptolestes capensis (WALTL, 1834) – Budapest [no other data] (2, HNHM); Budapest, leg. A. GAMMEL (1, HNHM); Budapest, 28. VIII. 1951, leg. J. GYÖRFFY (1, HNHM); [Budapest, Pest]Hidegkút, 19. V. 1902 [unknown collector] (1, HNHM); Budapest Umgebung [= environs of Budapest], Concordia Mühle, leg. H. DIENER (1, HNHM); [Csongrád m.,] Szeged, 28. VIII. 1927, leg. V. STILLER (1, HNHM); [Győr-Moson-Sopron m.,] M.[osonmagyar]óvár, 1. IX. 1942, leg. D. RÉVY (1, HNHM); [Pest m.,] Pécel, leg. D. KUTHY (1, HNHM); [Veszprém m.,] Pápa, 1899, leg. F. WACHSMANN (7, HNHM). Identified by S. A. SLIPINSKI in 1982. – A species of unknown origin, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

Cryptolestes pusillus (SCHÖNHERR, 1817) (= *minutus* OLIVIER, 1791, not GEOFFROY, 1785) – Budapest, 1895, leg. H. DIENER, coll. Dr. J. FODOR (1, HNHM); Budapest, leg. F. WACHSMANN (1, HNHM); Budapest, 24. VIII. 1951, leg. J. GYÖRFFY (1, HNHM); [Zala m.,] Zalaegerszeg, 13. VII. 1951, leg. J. GYÖRFFY (1, HNHM). Identified by S. A. SLIPINSKI in 1982. – A species of unknown origin, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

Cryptolestes turcicus (GROUVELLE, 1876) – Budapest, 24. VIII. 1951, leg. J. GYÖRFFY (1, HNHM); Budapest, leg. E. CSIKI (1, HNHM). Identified by S. A. SLIPINSKI in 1982. – A species of unknown origin, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

Cryptolestes pusilloides (STEEL et HOWE, 1952) – Budapest, 24. VIII. 1951, leg. J. GYÖRFFY (1, HNHM); Zalaegerszeg, 13. VII. 1951, leg. J. GYÖRFFY (1, HNHM). Identified by S. A. SLIPINSKI in 1982.

Leptophloeus hypobori (PERRIS, 1855) – [Pest m.,] Dömsöd, 3. VI. 1900, ex coll. EHMANN, coll. Dr. R. STREDA (1, HNHM). Identified by S. A. SLIPINSKI in 1982. – This species was mentioned from “Ungarn (1 Ex. coll. PFAUNDLER Z.S.M.)” without exact locality by HORION (1960).

LEIODIDAE

Agaricophagus reitteri GANGLBAUER, 1899 – Budapest, Csúcs-hegy, dimetil-szulfid csapda [= trap baited with dimethyl sulphide], 10–17. VIII. 1992, leg. Z. BRATEK (4, HNHM); Budapest,

Csúcs-hegy, U-vitamin csapda [= trap baited with vitamin U], 10–17. VIII. 1992, leg. Z. BRATEK (13, HNHM); Budapest, Csúcs-hegy, *Tuber aestivum*, 1. XI. 1991, leg. Z. BRATEK (6, HNHM); Budapest, Csúcs-hegy, *Tuber aestivum*, 10. VIII. 1994, leg. Z. BRATEK (1, HNHM); Budapest, Farkas-völgy, 4. VII. 1915, leg. E. CSIKI (1, HNHM); Budapest, Hűvösvölgy, U-vitamin csapda [= trap baited with vitamin U], 8–17. VIII. 1992, leg. Z. BRATEK (3, HNHM); Budapest, Szép-völgy, erdészház [= forester's house], U-vitamin csapda [= trap baited with vitamin U], 8–17. VIII. 1992, leg. Z. BRATEK (3, HNHM); Budapest, 26. VII. 1909, 26. IX. 1912, 14. VII. 1913, 18. VIII. 1913, 19. VIII. 1915, 12. IX. 1915, 13. IX. 1915, 2. IX. 1919, 12. VIII. 1920, 17. IX. 1920, 3. X. 1920 [unknown collector] (13, HNHM); [Fejér m.,] Székesfehérvár, leg. F. LICHTNECKERT (1, HNHM); Pest m., Galgamácsa, dimetil-szulfid csapda [= trap baited with dimethyl sulphide], 2–7. IX. 1992, leg. Z. BRATEK (1, HNHM); Pest m., Galgamácsa, U-vitamin csapda [= trap baited with vitamin U], 2–7. IX. 1992, leg. Z. BRATEK (1, HNHM); [Tolna m.,] Simontornya, 17. VI. 1913, leg. F. PILLICH (1, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979 and O. MERKL in 1996–2005.

Choleva reitteri PETRI, 1915 – Borsod-Abaúj Zemplén m., Füzér, Vár-hegy, 400 m, szilikát sziklagyep [= siliceous rock grassland], egyelve [= hand-captured], 29. IX. 1978, leg. O. MERKL (1, HNHM); Budapest, XII. ker., Virág-völgy, farakásokról [= from woodstacks], 4. VI. 2000, leg. O. MERKL (1, HNHM); Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 30. V. 2001, leg. O. MERKL (6, HNHM); Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 8. VI. 2001, leg. O. MERKL (6, HNHM); Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 14. VI. 2002, leg. O. MERKL (4, HNHM); Pest m., Pilisszentlászló, Kopanyica, autós hálózás este [= netting with car at sunset], 28. V. 2005, leg. O. MERKL (5, HNHM); Pest m., Pilisszentlászló, Sárkány-oldal, autós hálózás [= netting with car], 9. VI. 2001, leg. O. MERKL (1, HNHM); Pest m., Pilisszentlászló, Sárkány-oldal, autós hálózás este [= netting with car at sunset], 8. VI. 2003, leg. O. MERKL (3, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM). Identified by J. RŮŽIČKA (Prague, Czech Republic) in 2002 and O. MERKL in 2006.

Hydnobius claviger A. STRAND, 1943 – [Pest m.,] Szigetszentmiklós, X. 1911, leg. L. BÍRÓ (13, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979.

Hydnobius latifrons CURTIS, 1840 – [Győr-Moson-Sopron m.,] Mosonmagyaróvár, 19. IX. 1942, leg. D. RÉVY (1, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979 as *Hydnobius strigosus* W.L.E. SCHMIDT, 1841 (a junior synonym of *Hydnobius latifrons*).

Hydnobius punctulatus C. HAMPE, 1861 – [Baranya m.,] Pécs, V. 1904, leg. E. KAUFMANN (3, HNHM); Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 30. V. 2001, leg. O. MERKL (2, HNHM); Budapest, 22. V. 1908, 24. V. 1915 [unknown collector] (2, HNHM); [Fejér m.,] Alcsút, 10. VI. 1935, leg. J. FODOR (1, HNHM); [Fejér m.,] Alcsút, leg. F. LICHTNECKERT (1); [Fejér m.,] Csákvár, Hajdúvágás, rostálva [= sifted], 9. V. 1961, leg. É. MURAI & Zs. TOLLÁR (1, HNHM); Heves m., Kerecsend, Fácános-berek, 150 m, *Aceri tatarico-Quercetum*, talajcsapda [= pitfall trap], 11. VII. 1983, leg. L. ÁDÁM (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979 and O. MERKL in 1996–2005. – This species was mentioned from Hungary (Simontornya) by PILLICH (1914), but that record is based on a misidentified specimen of *Agaricophagus reitteri* GANGLBAUER, 1899.

Hydnobius spinipes (GYLLENHAL, 1813) – Budapest, leg. O. MIHÓK (3, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM); [Tolna m.,] Simontornya, 1911, leg. F. PILLICH (1, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979.

Leiodes hybrida (ERICHSON, 1845) – Budapest, leg. O. MIHÓK (2, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979 and 1987 and O. MERKL in 2002.

Leiodes vladimiri (A. FLEISCHER, 1906) – Budapest, leg. GURÁNYI (1, HNHM); Budapest, X. 1909, 24. XI. 1911 [unknown collector] (7, HNHM); [Pest m.,] Bpest Umgbg. [= Budapest Umge-

bung, environs of Budapest], Isaszegh, VI. 1908, [leg. H. DIENER] (1, HNHM). Siófok, leg. F. LICHTNECKERT [unreliable] (2, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979.

Liocyrtusa nigriclavis (HLISNIKOVSKÝ, 1967) – Budapest, 12. IX. 1915, 16. IX. 1915, 17. IX. 1915, 9. IX. 1920, 10. IX. 1920, 22. IX. 1920 [unknown collector] (7, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979.

Triarthron maerkelii W. L. E. SCHMIDT, 1841 – [Pest m.,] Bpest Umgbg. [= Budapest Umgebung, environs of Budapest], Isaszegh, VI. 1906, [leg. H. DIENER] (1, HNHM); Pest m., Pomáz, Holdvilág-árok, korhadó fából [= from rotten wood], 10. X. 2005, leg. N. SZEDERKÉNYI (1, HNHM). Identified by H. DAFFNER (Eching, Germany) in 1979 and O. MERKL in 2006.

LIMNICHIDAE

Limnichus incanus KIESENWETTER, 1851 – [Vas m.,] Csepreg, IX. 1930, leg. D. RÉVY (1, HNHM); Somogy m., Gyékényes, Nyárfás, 90 m, *Cypero-Juncetum bufonii*, iszapos homokról [= from muddy sand], 21. VIII. 1993, leg. L. ÁDÁM (1, HNHM). Identified by O. MERKL in 2003. – It was misidentified and published as *Limnichus pygmaeus* (STURM, 1807) by MERKL (1998b).

MELANDRYIDAE

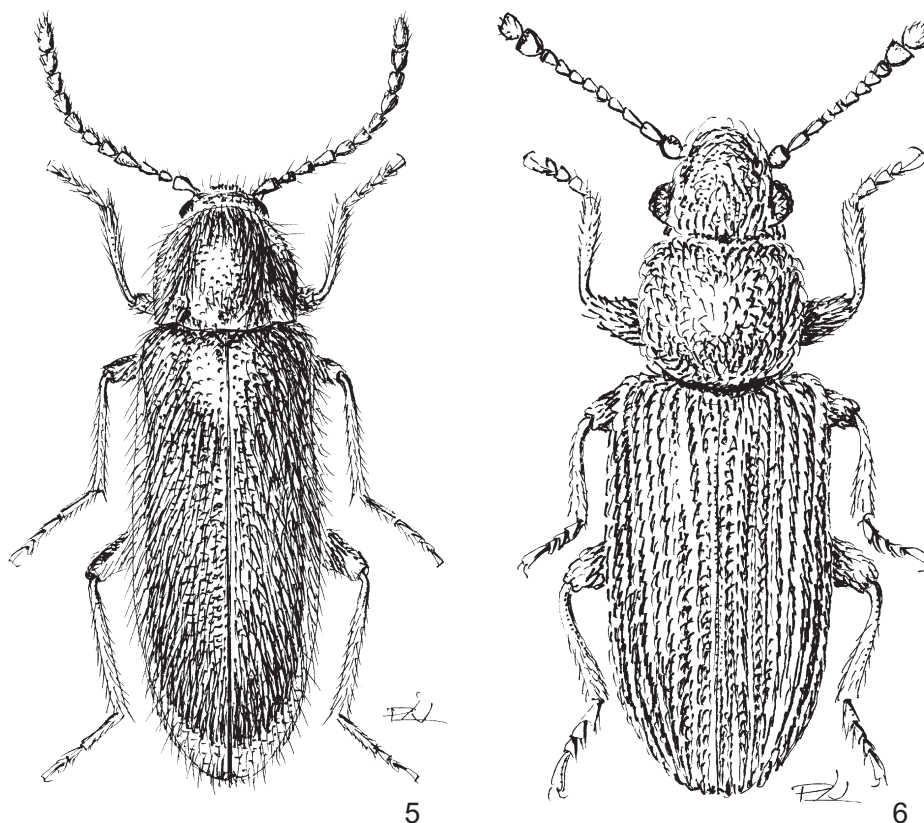
Abdera triguttata (GYLLENHAL, 1810) – Budapest, Hármashatár-hegy, autós hálózás este [= netting with car at sunset], 25. VI. 2006, leg. O. MERKL (1, HNHM); Nógrád m., Ipolytarnóc: Borókás-árok, fényre [= at light], 30. V. 1999, leg. O. MERKL (1, HNHM); Veszprém m., Balatoncsicsó, Csicsói-erdészház, esti csapkodás [= netted from the air at sunset], 22. VI. 1992, leg. O. MERKL (1, HNHM). Identified by O. MERKL in 2004. – KASZAB (1957) mentioned this species as “widely distributed but rare in our faunal area”. However, all specimens on which his statement is based, are misidentified *Cyrtanaspis phalerata* (GERMAR, 1831) (Scraptiidae).

Rushia parreyssii (Mulsant, 1856) – [Zala m.,] Molnári, Mura, vízművek [= waterworks], fénycsapda [= light trap], 30. VI. 1999, leg. SZ. KOLLÁR (1, collection of DEZSŐ SZALÓKI, Budapest, Hungary). Identified by D. SZALÓKI (Budapest, Hungary) in 2005. – KASZAB (1957) wrote that this species “irodalmi adatok szerint Magyarországon is él, de közelebbi lelőhelye ismeretlen” [= according to the literature it occurs in Hungary, but more exact locality is unknown]. Therefore this record is considered as new for Hungary.

Zilora obscura (FABRICIUS, 1794) (Fig. 5) – [Pest m.,] Gödöllő, 1. VII. 1950, leg. J. GYÖRFFY (1, HNHM); Pest m., Isaszeg, Géza-fenyves, farakásokról [= from wood stacks], 19. V. 2004, leg. A. GRABANT, Z. GYÖRGY, O. MERKL & V. SZÉNÁSI (2, HNHM). Identified by O. MERKL in 2004. – KUTHY (1897) and KASZAB (1957) mentioned it from the Carpathian Basin (but not from present-day Hungary) under the name *Zilora eugeniae* GANGLBAUER, 1891, which is a junior synonym of *Zilora sericea* (STURM, 1807). The latter name is also a junior synonym of *Parnus obscurus* FABRICIUS, 1794 (JÄCH & KODADA 1999).

MONOTOMIDAE

Monotoma testacea MOTSCHULSKY, 1845 – Békés m., Gerla, Fácános-erdő, 90 m, *Festuco pseudovinae-Quercetum*, rostálás [= sifting], 20. II. 1982, leg. L. ÁDÁM (4, HNHM); Budapest, Gellérthegy, Kertésztanintézet [= University of Horticulture], X. 1929, leg. H. DIENER (2, HNHM); Pest m., Bugyi, Felsővány, autós hálózás este [= netting with car at sunset], 6. VI. 2003, leg. O. MERKL (1, HNHM); Pest m., Bugyi, Felsővány, autós hálózás este [= netting with car at sunset], 17. VII. 2003, leg. O. MERKL (3, HNHM); Pest m., Bugyi, Felsővány, autós hálózás [= netting with car], 27. VII. 2003, leg. O. MERKL (2, HNHM); Pest m., Bugyi, Felsővány, autós hálózás este [= netting with car at sunset], 23. VII. 2004, leg. O. MERKL (1, HNHM); Pest m., Bugyi, Felsővány, autós hálózás [= netting with car], 2. V. 2005, leg. O. MERKL (6, HNHM); Pest m., Pilisszentlászló, Kopanyica, autós hálózás este [= netting with car at sunset], 28. V. 2005, leg. O. MERKL (1, HNHM); Pest m., Verőce, Magyarkút, autós hálózás [= netting with car], 15. VI. 2002, leg. O. MERKL (1, HNHM); [Somogy m.,] Siófok, leg. F. LICHTNECKERT [unreliable] (1, HNHM); [Vas m.,] Csepreg, 6. IX. 1934, leg. D. RÉVY (1, HNHM). Identified by O. MERKL in 1991 and 2005.



Figs 5–6. 5 = *Zilora obscura* (FABRICIUS, 1794), 6 = *Berginus tamarisci* (WOLLASTON, 1854). Not to scale

MYCETOPHAGIDAE

Berginus tamarisci (WOLLASTON, 1854) (Fig. 6) – Tolna m., Bátaapáti, Nagy-Mórággyi-völgy, ezüsthársas-tölgyes [= silver linden-oak forest], gombás ágakról [= from fungus-grown branches], 15. VII. 2004, leg. O. MERKL (1, HNHM); Zala m., Keszthely, *Tilia cordata*, 14. IX. 1999, leg. E. KONDOROSY (2, HNHM); Zala m., Keszthely, *Tilia* sp., 25. V. 2000, leg. E. KONDOROSY (1, HNHM); Zala m., Keszthely, *Acer platanoides*, 5. VII. 2000, leg. E. KONDOROSY (6, HNHM); Zala m., Keszthely, *Acer platanoides*, 18. VIII. 2000, leg. E. KONDOROSY (3, HNHM); Zala m., Keszthely, *Tilia cordata*, 13. VI. 2002, leg. E. KONDOROSY (1, HNHM); Zala m., Keszthely, *Acer platanoides*, 24. VI. 2002, leg. E. KONDOROSY (1, HNHM); Zala m., Keszthely, *Acer platanoides*, 5. VII. 2002, leg. E. KONDOROSY (1, HNHM); Zala m., Keszthely, Fodor köz, *Acer platanoides*, 30. VII. 2002, leg. E. KONDOROSY (1, HNHM). Identified by O. MERKL in 2004 and 2006.

Typhaea decipiens LOHSE, 1989 – Békés m., Sarkad, Fekete-Körös, 90 m, 8. V. 1982, L. ÁDÁM (1, HNHM); Fejér m., Agárd, UV-fénycsapda (= UV light trap), 15. VIII. 1976, K. PETRICH (1, HNHM); Győr-Moson-Sopron m., Osló, Tölösi-erdő, autós hálózás [= netting with car], 18.30–19.00 o'clock, 21. IV. 2000, O. MERKL (1, HNHM); Pest m., Pusztazámor, autós hálózás este [= netting with car at sunset], 19. VI. 2006, O. MERKL (1, HNHM); Pest m., Sóskút, autós hálózás este [= netting with car at sunset], 19. VIII. 2006, O. MERKL (2, HNHM); Somogy m., Igal, autós hálózás este [= netting with car at sunset], 22. VII. 2003, O. MERKL (1, HNHM). Identified by O. MERKL in 2006. – This year this species was recorded also from the Czech Republic (VÁVRA *et al.* 2006).

PHLOEOSTICHIDAE

Phloeostichus denticollis W. REDTENBACHER, 1842 – [Heves m.,] Mátra, [Mátraháza.] Kékestető, 9. IX. 1934, leg. J. FODOR (1, HNHM). Identified by S. A. SLIPINSKI in 1982. – HORION (1960) mentioned it from “Ungarn (Neutraer Komitat)”; this record refers to a locality in Slovakia, thus outside present-day Hungary.

PTILIIDAE

Smicrus filicornis FAIRMAIRE et LABOULBÈNE, 1855 – Nógrád m., Ipolytarnóc, Borókás-árok, autós hálózás [= netting with car], 19. IX. 2002, leg. O. MERKL (1, HNHM); [Zala m.,] Keszthely, Botanikus Kert [= Botanical Garden], 12. V. 1909, leg. J. GYÖRFFY (1, HNHM). Identified by O. MERKL in 2004, checked by C. JOHNSON (Manchester, Great Britain) in 2004.

SILVANIDAE

Cryptomorpha desjardinsii (GUÉRIN-MÉNÉVILLE, 1944) – Budapest, Sasad, from *Dracaena fragrans*, 7. IV. 1992 [unknown collector] (1, HNHM). Identified by O. MERKL in 2006. – A tropicopolitan species, it is inadvertently introduced regularly into Europe, but not established.

Monanus concinnulus WALKER, 1858 (= *signatus* FRAUENFELD, 1867) – Budapest, ex Florida, 1927, leg. L. BÍRÓ (1, HNHM). Identified by S. A. SLIPINSKI in 1982. – A tropicopolitan species, it is inadvertently introduced regularly into Europe, but not established.

Oryzaephilus mercator (FAUVEL, 1889) – Budapest, TTM Állattár [= HNHM, Department of Zoology], rovardobozokból [= from insect drawers], 7. IX. 1983, leg. O. MERKL (3, HNHM); Budapest, leg. J. UHL (1, HNHM); Budapest [no other data] (3, HNHM); [Győr-Moson-sopron m.,] Győr-szentiván, raktárból [= from storehouse], 20. IX. 1952 [unknown collector] (4, HNHM); [Pest m.,] Vác, Tudósdomb, 12. V. 1929, leg. L. BÍRÓ (1, HNHM); [Somogy m.,] Balatonlelle, leg. I. PEREGI (1, HNHM). Identified by S. A. SLIPINSKI in 1982 and O. MERKL in 1988. – A species of unknown origin, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

STAPHYLINIDAE

Anaulacaspis laevigata (DUVIVIER, 1883) – [Borsod-Abaúj-Zemplén m.,] Sátoraljaújhely, Hosszúláz, kavicsbánya [= gravel quarry], 30. IX. 2001, leg. G. HEGYESSY (1, KFM); Somogy m., Gyékényes, Nyárfás, 90 m, *Cypero-Juncetum bufonii*, nedves növényi törmelékből [= from wet plant debris], 30. IV. 1993, leg. L. ÁDÁM (7, HNHM). Identified by L. ÁDÁM (Budapest, Hungary) in 1995 and 2001.

Atheta autumnalis (ERICHSON, 1839) – [Szabolcs-Szatmár-Bereg m.,] Vásárosnamény, Tisza, 90 m, *Cypero-Juncetum bufonii*, iszapos homokról [= from muddy sand], 24. VIII. 1993, leg. L. ÁDÁM (1, HNHM). Identified by L. ÁDÁM (Budapest, Hungary) in 1995.

Bledius pusillus ERICHSON, 1839 – [Pest m.,] Órszentmiklós [now Órbottyán], Nyáras, leg. K. SAJÓ (1, HNHM). Identified by GY. MAKRANCZY (Budapest, Hungary) in 1997.

Carpelimus aceus GILDENKOV, 1997 – [Csongrád m., Szeged,] Gyálai Holt-Tisza, Szerűskerti-átjáró, UV fénycsapda [= UV light trap], 27. VI. 2001, leg. GY. GYÓRFFY (1, HNHM). Identified by GY. MAKRANCZY (Budapest, Hungary) in 2004.

Carpelimus gusarovi GILDENKOV, 1997 – [Csongrád m., Szeged,] Gyálai Holt-Tisza, Szerűskerti-átjáró, UV fénycsapda [= UV light trap], 21. VI. 2001, leg. GY. GYÓRFFY (1, HNHM); [Borsod-Abaúj-Zemplén m.,] Aggteleki N.P., Szögliget, Derenk, *Typhetum latifoliae*, parttáposás [= treading shore of a pond], 4. V. 1988, leg. O. MERKL (1, HNHM); [Hajdú-Bihar m.,] Hortobágyi N.P., Újszentmargita, Margitai-erdő [= forest], fényre [= at light], 9–10. IX. 1974, leg. I. MARÓTI (1, HNHM). Identified by GY. MAKRANCZY (Budapest, Hungary) in 2003. The specimen from the Aggtelek National Park was misidentified, published as *Carpelimus opacus* (BAUDI DE SELVE, 1848) by MAKRANCZY (1999).

Oligota granaria ERICHSON, 1837 – [Komárom-Esztergom m., Gánt,] Fáni-völgy, rostálva [= sifted], 4. II. 1961, leg. S. ENDRÓDY-YOUNGA (1, HNHM); Nógrád m., Nógrádverőce, X. 1936, leg. J. FODOR (1, HNHM); [Pest m.,] Isaszeg, leg. I. PEREGI (1, HNHM); [Tolna m.,] Simontornya, 16. I. 1919, leg. S. ÚJHELYI (1, HNHM); [Zala m.,] Zalavár, Kis-Balaton, Diás-sziget, rostálva [= sifted], 15. IV. 1950, leg. Z. KASZAB (2, HNHM). Identified by A. KAPP (Rankweil, Austria) in 2006.

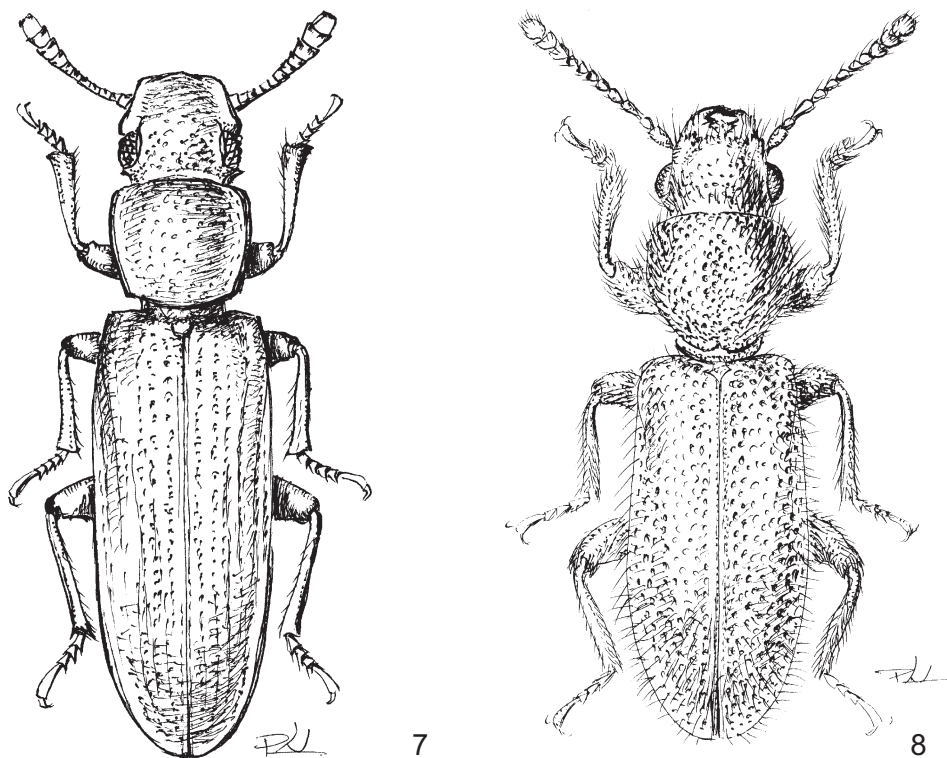
Quedius vexans EPPELSHEIM, 1881 – [Borsod-Abaúj-Zemplén m.,] Alsószuha, Alsó-rét, 27. VII. 2003, leg. G. HEGYESSY (2, KFM); [Borsod-Abaúj-Zemplén m.,] Szuhafor, Korlát-patak, 27. VII. 2003, leg. G. HEGYESSY (1, KFM); [Hajdú-Bihar m.,] Hajdúszoboszló, kukorica C [= maize C], 7. IX. 1978, leg. S. HORVATOVICH (1, JPM). Identified by L. ÁDÁM (Budapest, Hungary) in 1997 and 2003.

TENEBRIONIDAE

Alphitobius laevigatus (FABRICIUS, 1781) – Budapest, Indiából származó földimogyoró-darából, zárszolgálat [= from ground peanut imported from India, quarantine service], 17. X. 1966 [unknown collector] (1, HNHM). Identified by the late Z. KASZAB (Budapest, Hungary) in 1966.

Corticeus bicoloroides (ROUBAL, 1933) – Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 12. V. 2003, leg. O. MERKL (1, HNHM); Budapest, XII. ker., Virág-völgy, fatörzsekről [= from tree trunks], 15. VI. 2004, leg. O. MERKL, A. GRABANT & Z. GYÖRGY (1, HNHM); Budapest, XII. ker., Virág-völgy, gombás fákról, éjszakai egyelés [= singled from fungus-grown trees at night], 6. VII. 2004, leg. O. MERKL & E. SCHMIDT (1, HNHM); Zala m., Nagyréce, legelőerdő [= pasture woodland], *Pleurotus pulmonarius*, 23. V. 2005, leg. O. MERKL & A. GRABANT (1, HNHM). Identified by D. SZALÓKI (Budapest, Hungary) in 2004.

Latheticus oryzae WATERHOUSE, 1880 (Fig. 7) – [Borsod-Abaúj-Zemplén m.] Sátoraljaújhely, Májuskút, szőlő [= vineyard], 10. VIII. 1999, leg. G. HEGYESSY (1, KFM); Pest m., Bugyi, Felső-vány, autós hálózás este [= netting with car at night], 17. VII. 2003, leg. O. MERKL (1, HNHM); Pest m., Pustazámor, autós hálózás este [= netting with car at sunset], 19. VI. 2006, O. MERKL (1, HNHM); Pest m., Örkény, homokpuszta, lámpázás nyáras szegélyén [= sandy grassland, at light at



Figs 7–8. 7 = *Latheticus oryzae* WATERHOUSE, 1880, 8 = *Thaneroclerus buquet* (LEFEBVRE, 1835).
Not to scale

edge of poplar stand], 31. VII. 1994, leg. GY. SZÉL & G. SCHERZER (2, HNHM); Pest m., Örkény, homokpusztarét, fényre [= sandy grassland, at light], 21. VII. 1999, leg. GY. HANGAY & A. PODLUSSÁNY (1, HNHM). Identified by O. MERKL in 2005 and 2006. – It is a species of unknown origin, categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

THANEROCLERIDAE

Thaneroclerus buquet (LEFEBVRE, 1835) (Fig. 8) – Budapest, dohányból [= from tobacco], X. 1954, leg. SZÉKELYHIDINÉ (5, HNHM); [Zala m..] Keszthely, leg. J. GYÓRFFY (2, HNHM). – A species from Southeast Asia, it is regularly introduced into Europe, but not established. It is categorized as eusynanthropic by ŠEFROVÁ & LAŠTŮVKA (2005).

TRIXAGIDAE

Trixagus atticus REITTER, 1921 – Budapest, Káposztásmegyer, 100 m, homokos rét, fűhálózza [= sandy meadow, swept], 26. V. 1984, leg. O. MERKL (1, HNHM); Borsod-Abaúj-Zemplén m., Cserépfalu, Hór-völgy, autós hálózás [= netting with car], 11. VI. 2000, leg. O. MERKL (1, HNHM); Komárom-Esztergom m., Pilisszentlélek, Cserepes-völgy, autós hálózás este, [= netting with car at sunset], 24. VII. 2004, leg. O. MERKL (1, JMHK); Pest m., Pilisszentlászló, Sárkány-oldal, autós hálózás [= netting with car], 9. VI. 2001, leg. O. MERKL (1, HNHM). Identified by J. MERTLIK (Hradec Králové, Czech Republic) in 2006.

Trixagus leseigneuri MUONA, 2002 – Budapest, Káposztásmegyer, 100 m, fűzes, kéreg alól [= willows, beneath bark], 9. II. 1980, leg. O. MERKL (1, HNHM); Budapest, Káposztásmegyer, 100 m, fűzes, kéreg alól [= willows, beneath bark], 15. II. 1981, leg. O. MERKL (1, HNHM); Budapest, Káposztásmegyer, 100 m, fűzes, kéreg alól [= willows, beneath bark], 9. II. 1980, leg. O. MERKL (1, HNHM); Budapest, Káposztásmegyer, 100 m, fenyőtelepítés, rostálva [= pine plantation, sifted], 24. I. 1982, leg. O. MERKL (3, HNHM); Budapest, Káposztásmegyer, 100 m, fűzes, kéreg alól [= willows, beneath bark], 30. X. 1983, leg. O. MERKL (1, HNHM); Budapest, Káposztásmegyer, 100 m, fűzes, kéreg alól [= willows, beneath bark], 24. XII. 1983, leg. O. MERKL (1, HNHM); Somogy m., Pogányszentpéter, 2. V. 2004, leg. J. PELIKÁN (1, collection of J. MERTLIK, Hradec Králove, Czech Republic). Identified by L. LESEIGNEUR (Meylan, France) in 2005.

*

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