

**Notes on and further new species of the beetles
in the Hungarian fauna (Coleoptera)**

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Abstract – Twenty-two species of Coleoptera belonging to nine families are recorded from Hungary for the first time. Lectotype is designated for *Astenus laticeps* MERKL, 1991.

Key words – Anobiidae, Bostrichidae, Bothrideridae, Elateridae, Mordellidae, Ptiliidae, Scaptiidae, Silvanidae, Staphylinidae, Tenebrionidae, Hungary, new records, lectotype designation.

INTRODUCTION

The present paper is a continuation of MERKL (2006), and lists first Hungarian records of 22 beetle species, which will be incorporated in the checklist of Coleoptera of Hungary, under preparation by the senior author.

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

Abbreviations – CDS = collection of DEZSŐ SZALÓKY, Budapest; HNHM = Hungarian Natural History Museum, Budapest (curator: OTTÓ MERKL); KFM = Kazinczy Ferenc Museum, Sátoraljaújhely (curator: GÁBOR HEGYESSY), NHMZ = Natural History Museum of Bakony Mountains, Zirc (curator: CSABA KUTASI).

LECTOTYPE DESIGNATION OF *ASTENUS LATICEPS*

Material examined – Lectotype (male, dissected, aedeagus mounted on card, HNHM), herewith designated, labelled as follows: “HUNG., Szabolcs-Sz. m., Bátorliget, Bátorligeti-láp”, “talajcsapda, 1990. VII.16–X.17., leg Loksa I.”, “*Astenognathus laticeps* (Petri) det.: Ádám, 1991”, “Lectotypus ♂ *Astenognathus laticeps* Merkl, 1991 des. O. Merkl, 2008”. Paralectotype, labelled as follows: “DicsőSztMárt.” [= Dicsősztmárton, now Târnăveni in Romania], “Paralectotypus ♂ *Astenognathus laticeps* Merkl, 1991 des. O. Merkl, 2008” (1 male, HNHM). Further specimens, not syntypes, not sexed: Schässbg. [= Schässburg, now Sighișoara in Romania], PETRI (handwritten: *Astenus v. laticeps*) (2 specimens, HNHM); Hu. Pálháza, Com. Zemplén, Nagypéterménkö, 1955.IX.28–X.5. Exc. KASZAB Z. (1 specimen, HNHM).

Remarks – *Astenus procerus* ab. *laticeps* PETRI, 1912 is considered to be a nomen nudum of *A. procerus* (ICZN 1999: Arts. 10.2, 45.6.2). TÓTH (1983) used the name as a variety, but that did not make the name available. In a book chapter authored by O. MERKL (1991) that had several contributors/identifiers, L. ÁDÁM listed this species with a discussion referring to the specimens studied and characters by which it is distinguished from *A. procerus*. This discussion (unintentionally) became a description of a taxon, with the mentioned specimens acting as syntypes. This use of the name is validating it so then MERKL is the author of *A. laticeps* in 1991, not PETRI, 1912. According to ICZN (1999: Art. 50.1) the author of a name is the person who first publishes it in a way that satisfies the criteria of availability. ÁDÁM (in the book chapter authored by O. MERKL) cited it as a species, not an aberration, form, or variety. A reference is given to characters, some feeble characters and a feeble comparison are provided, and this use has evidently satisfied the other relevant criteria of availability in force in 1991. No type is selected but two specimens (with their exact data) are mentioned. As the original PETRI specimens (that are from the series on which the PETRI name is based) were then not found, only the “Dicsősztmárton” and the Bátorliget specimens can be considered as syntypes for MERKL’s description. The Bátorliget specimen is hereby selected as lectotype.

In the aforementioned discussion an unconfirmed synonymy (with *A. romanus* COIFFAIT, 1960) is mentioned. The author goes on to surmise that “In all probability...” *A. laticeps* and *A. romanus* COIFFAIT are synonyms. It is not based on a study of the type material of *A. romanus*, but only descriptive text and an aedeagus drawing in COIFFAIT’s publication.

If this synonymy is confirmed, then COIFFAIT's name is the older so *A. laticeps* disappears into synonymy. It is beyond the scope of the present note to investigate whether the two taxa can really be synonymous.

NEW RECORDS FROM HUNGARY

Anobiidae

Microbregma emarginatum (DUFTSCHMID, 1825) – Győr-Moson-Sopron county: M[oson]magyaróvár, 2.VI.1935, leg. DEZSŐ RÉVY (1, HNHM); Pinnye, 24.V.1915, 18.V.1917, leg. REZSŐ STREDA (2, HNHM). – Veszprém county: Zirc, Arborétum, 3.V.1974, leg. ÁGOTA KASPER (1, NHMZ). Identified by T. NÉMETH (Budapest, Hungary) in 2008. – Although HORION (1961) mentioned it from "Ungarn", the record was based probably on specimens collected outside present-day Hungary.

Bostrichidae

Lyctus brunneus (STEPHENS, 1830) – Budapest: from abachi wood imported from Ivory Coast or Ghana, emerged 31.V.2007, leg. LÁSZLÓ GNANDT (5, HNHM). Identified by O. MERKL in 2007, confirmed by J. BOROWSKI (Warsaw University of Life Sciences) in 2007.

Trogoxylon parallelipipedum (MELSHEIMER, 1846) – Baranya county: Drávafok, Farakodó, kéreg alól [= from beneath bark], 31.VII.2008, leg. DEZSŐ SZALÓKY (1, CDS); Teklafalu, fényre, [= at light] 15.VI.2004, leg. JÓZSEF SÁR & PÉTER SÁR (3, HNHM), Teklafalu, 27.VI.2006, leg. JÓZSEF SÁR & PÉTER SÁR (1, HNHM), 6.VII.2006, leg. JÓZSEF SÁR & PÉTER SÁR (1, HNHM). – Zala county: Murakeresztúr, Kossuth Lajos u. 69, farakásról [= from stacked wood], 23.VI.2005, leg. ARANKA GRABANT (1, HNHM). Identified by O. MERKL in 2007 and 2008, confirmed by J. BOROWSKI (Warsaw University of Life Sciences) in 2007. – The species is indigenous in North America, but it has been introduced to Australia and Europe. In Europe it is known from Great Britain and Italy (BOROWSKI & WĘGRZYNOWICZ 2007).

Bothrideridae

Teredus cylindricus (OLIVIER, 1790) (Fig. 1) – Vas county: Sárvár, Kanotapuszta, ártéri tölgyes [= floodplain oak forest], kéreg alól [= from beneath bark], 1–8.VII.2007, leg. TAMÁS NÉMETH (1, HNHM); same data, except 15.VII.2007 (4, HNHM); same data, éjszakai egyelés fatörzsekről [= from tree trunks at night], 10.V.2008, OTTÓ MERKL & TAMÁS NÉMETH (57, HNHM). Identified by O. MERKL in 2008. – Although the species was mentioned from Hungary by ŚLIPIŃSKI & MERKL (1993), the record was based on two specimens without exact locality. The specimens from Sárvár represent the first reliable record from present-day Hungary.

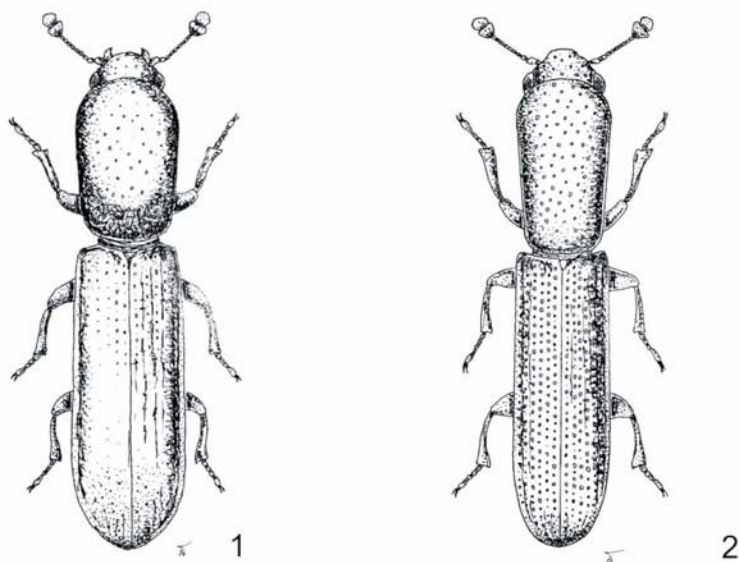
Teredus opacus HABELMANN, 1854 (Fig. 2) – Vas county: Sárvár, Kanotapuszta, ártéri tölgyes [= floodplain oak forest], *Quercus robur* törzséről nappal egyelve [= singled from trunk of *Quercus robur* during the day], 2.V.2008, leg. TAMÁS NÉMETH & NIKOLA RAHMÉ (1, HNHM); Sárvár, Kanotapuszta, ártéri tölgyes [= floodplain oak forest], éjszakai egyelés fatörzsekről [= from tree trunks at night], 10.V.2008, OTTÓ MERKL & TAMÁS NÉMETH (2, HNHM). Identified by O. MERKL in 2008.

Elateridae

Athous (Orthathous) gottwaldi Lohse, 1978 – Szabolcs-Szatmár-Bereg county: Gelénes, Bockereki-erdő, 15.VII.2005, leg. GÁBOR HEGYESSY (1, HNHM, 1, KFM). Identified by J. MERTLIK (Opatovice nad Labem, Czech Republic) in 2008. – Until now the species was known from Eastern Slovakia only (CATE 2007).

Mordellidae

Mordellistena (Mordellistena) austriacensis ERMISCH, 1956 – [County unknown:] Balaton, VII.1973, leg. A. OLEXA (1 male, in the private collection of JAN HORÁK, Prague, Czech Republic). Identified by J. HORÁK (Prague, Czech Republic) in 2008.



Figs 1–2. 1 = *Teredus cylindricus* (OLIVIER, 1790), 2 = *Teredus opacus* HABELMANN, 1854.
Not to scale

Mordellistenochroa fallaciosa (ERMISCH, 1969) – Heves county: Sarud, 8489/1/ [= code added by the collector], step-na vegetaci [= on steppe vegetation], 8.VII.2004, leg. M. MANTIČ (2, HNHM, 2 in the private collection of JAN HORÁK, Prague, Czech Republic, further specimens in the private collection of M. MANTIČ). Identified by J. HORÁK (Prague, Czech Republic) in 2008.

Ptiliidae

Ptilium horioni ROSSKOTHEN, 1934 – Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 27.VI.2001, leg. OTTÓ MERKL (1, HNHM). Identified by M. SÖRENSSON (Lund University, Sweden) in 2008.

Ptilium tenue KRAATZ, 1851 – Baranya county: Tótszentgyörgy, fáslegelő [= pasture woodland], rostálás [= sifting], 27.IV.2004, leg. OTTÓ MERKL & ARANKA GRABANT (1, HNHM). Identified by M. SÖRENSSON (Lund University, Sweden) in 2008.

Scraptiidae

Trotommidea saloniae REITTER, 1883 – Budapest, XII. ker., Virág-völgy, bükkös [= beech forest], autós hálózás [= netting with car], 8.VI.2000, leg. OTTÓ MERKL (1, HNHM); Budapest, XII. ker., Tündér-hegy, autós hálózás [= netting with car], 21.VI.2002, leg. OTTÓ MERKL (1, HNHM). – Fejér county: Bicske, Póc-alja, autós hálózás [= netting with car], 3.VII.2008, leg. OTTÓ MERKL (1, HNHM) – Pest county, Bugyi, Felsővány, autós hálózás este [= netting with car at sunset], 28.VII.2005, leg. OTTÓ MERKL (1, HNHM); Nagykőrös, Erdő Bt. környéke [= environs of Erdő Limited Partnership], autós hálózás este [= netting with car at sunset], 22.VI.2008, leg. OTTÓ MERKL (2, HNHM); Ócsa, Alsópakony, katonai lőtér [= military shooting range], autós hálózás este [= netting with car at sunset], 22.VI.2006, leg. OTTÓ MERKL (1, HNHM). – Veszprém county: Alsóörs, Felső-telek, autós hálózás este [= netting with car at sunset], 6.VII.2008, leg. OTTÓ MERKL (1, HNHM). Identified by P. LEBLANC (Muséum d'Histoire Naturelle, Troyes, France) in 2008. – Until now the species was known from Greece, France and Croatia only (LEBLANC *et al.* 2008).

Scydmaenidae

Euconnus (Tetramelus) transsylvanicus SAULCY, 1876 – Borsod- Abaúj-Zemplén county: Háromhuta, Márka-forrás, 5.VI.2002, leg. GÁBOR HEGYESSY (3, FKM); Pálháza [in fact, Háromhuta], Istvánkút, 28.IX.–5.X. 1955, leg. ZOLTÁN KASZAB (1, HNHM). – Szabolcs-Szatmár-Bereg county: Bátorliget, Bátorligeti-láp, 25.VI.–3.VII.1949, leg. ZOLTÁN KASZAB & VILMOS SZÉKESSY (13 specimens, HNHM); Bátorliget, közbirtokossági erdő [= forest], 25.VI.– 3.VII.1949, leg. ZOLTÁN KASZAB & VILMOS SZÉKESSY (1, HNHM); Bátorliget, ligeterdő [= grove], 8–15.VI.1949, leg. ZOLTÁN KASZAB & VILMOS SZÉKESSY (14, HNHM), 28.IX.–1.X.1949, leg. ZOLTÁN KASZAB (18, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002. – The specimens from Bátorliget were misidentified as *Euconnus pubicollis* (P. W. J. MÜLLER *et* KUNZE, 1822) by KASZAB & SZÉKESSY (1953).

Stenichnus pelliceus HOLDHAUS, 1908 – Bács-Kiskun county: Akasztó, Akasztói-pusztá, füves szikespuszta [= grassy saline pusztá], *Achilleo-Festucetum pseudovinae*, 5–26.V. 1997, leg. ÉVA KOVÁCS (18, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Staphylinidae: Aleocharinae

Atheta (Bernhaueria) paradoxa (RAMBOUSEK, 1916) – Borsod-Abaúj-Zemplén county: Újcsanános, Ócsanási-part, 27.V.2003, leg. GÁBOR HEGYESSY (1 female, KFM). Identified by L. ÁDÁM (Budapest, Hungary) in 2006.

Dinarda hagensii WASMANN, 1889 – Budapest: Hűvösvölgy, IV. 1936, leg. VIKTOR STILLER (1, mounted with a specimen of *Formica rufibarbis*). Identified by L. ÁDÁM (Budapest, Hungary) in 2006.

Staphylinidae: Pselaphinae

Bryaxis brusinae (REITTER, 1879) – Vas county: Velem, 4.II.1983, leg. ATTILA PODLUSSÁNY (3, HNHM), 4.X.1984, leg. ATTILA PODLUSSÁNY (3, HNHM), 4.XI.1984, leg. ATTILA PODLUSSÁNY (8, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Bryaxis longulus longulus (KIESENWETTER, 1849) – Baranya county: Pécs, leg. ANTAL GEBHARDT (1 male, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Bryaxis ruthenus ruthenus (SAULCY, 1877) – Borsod-Abaúj-Zemplén county: Háromhuta, Máríka-forrás, 5.VI.2002, leg. GÁBOR HEGYESSY (1, KFM); Nyíri, Vörös-víz-patak, 11.V.2000, leg. GÁBOR HEGYESSY (1, HNHM); Telkibánya, Mátyás király kútja, 19.VIII.2000, leg. GÁBOR HEGYESSY (1, KFM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Euplectus kirbyi revelierei REITTER, 1884 – Békés county: Szarvas, Szarvasi Arborétum, 30.VII.1998, leg. OTTÓ MERKL (5, HNHM). – Borsod-Abaúj-Zemplén county: Halmaj, Nyilas, 18.VII.2001, leg. GÁBOR HEGYESSY (1, KFM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Tychus monilicornis REITTER, 1880 – Budapest, leg. GURÁNYI (1, HNHM). – Heves county: Debrecen, 24.IV.1935, leg. ROSTKOWICZ (1, HNHM). – Szabolcs-Szatmár-Bereg county: Bátorliget, 10–15. V. 1948, leg. Z. KASZAB & V. SZÉKESSY (2, HNHM), 17–28.VI. 1948, leg. ZOLTÁN KASZAB & VILMOS SZÉKESSY (2, HNHM); Bátorliget, láp [= fen], 7–10. VI.1949, leg. ZOLTÁN KASZAB & VILMOS SZÉKESSY (1, HNHM), 28.IX.–1.X.1949, leg. ZOLTÁN KASZAB (11, HNHM); Bátorliget, ligeterdő [= grove], 28.IX.–1.X.1949, leg. ZOLTÁN KASZAB (1, HNHM). – Zala county: Vörs, Állami erdő [= state forest], 12–24.VI. 1950, leg. LAJOS KOVÁCS (1, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Tychus serbicus REITTER, 1885 – Budapest, Csepel-sziget, leg. HUGÓ DIENER (1 male, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Trimium lichtneckerti MACHULKA, 1949 – The type locality of this species is Siófok, Hungary. However, labels of “Siófok, Lichtneckert” are regarded unreliable. Reliable data are as follows. Budapest: XII. ker., Virág-völgy, bükkös [= beech forest], autós hálózás [= netting with car], 2.VII.2000, leg. OTTÓ MERKL (3, HNHM); Tündér-hegy, autós hálózás [= netting with car], 8.VI.2002, leg. OTTÓ MERKL (1, HNHM), 24.VI.2002, leg. OTTÓ MERKL (2, HNHM); XII. ker., Tündér-hegy, bükkös [= beech forest], autós hálózás

[= netting with car], 27.VI.2001, leg. OTTÓ MERKL (2, HNHM). – Békés county: Sarkad, Remíz-erdő, 90 m, *Festuco pseudovinae-Quercetum*, talajcsapda [= pitfall trap], 25.VI.1983, leg. LÁSZLÓ ÁDÁM (1, HNHM); Szarvas: Szarvasi Arborétum, rostálás [= sifting], 5.VII.1996, leg. OTTÓ MERKL (6, HNHM); same locality, rostálás [= sifting], 30.VII.1998, leg. OTTÓ MERKL (3, HNHM). – Pest county: Budaörs: Odvas-hegy, 23.IV.1987, leg. SÁNDOR MAHUNKA (1, HNHM); Nagybörzsöny: Pogányvár, gerinc, bükkavarból [= from leaf litter of beech], rostálás [= sifting], 17.X.1954, leg. SEBŐ ENDRŐDI (4, HNHM). Identified by J. RUDNER (Szeged, Hungary) in 2002.

Staphylinidae: Steninae

Stenus (Stenus) doderoi BONDROIT, 1912 – Baranya county: Pécs, 1904, leg. ERNŐ KAUFMANN (1, HNHM); Pécs, Mély-völgy, 124.VI.1954, leg. ZOLTÁN KASZAB & VILMOS SZÉKESY (1, HNHM). – Győr-Moson-Sopron county: [Moson] magyaróvár, Várospark, Hajlapart, kavicspad [= gravel bank], 10.IX.1947, leg. DEZSŐ RÉVY (1, HNHM); Komárom-Esztergom county: Dömös, 10.IV.1939. [unknown collector] (1, HNHM). – Somogy county: Gyékényes, Nyárfás (*Cypero-Juncetum bufonii*), 90 m, iszapos homokról [= from muddy sand], 8.VIII.1993, leg. LÁSZLÓ ÁDÁM (1, HNHM); Gyékényes, Nyárfás (*Cypero-Juncetum bufonii*), 90 m, iszapos homokról [= from muddy sand], 24.IV.1994, leg. LÁSZLÓ ÁDÁM (4, HNHM). – Tolna county: Dombóvár, 2.V.1927, leg. ANTAL GEBHARDT (1, HNHM). – Vas county: Csepreg, 6.IX.1934, leg. DEZSŐ RÉVY (1, HNHM). Identified by V. PUTHZ (Schlitz, Germany) in 1973 and L. ÁDÁM (Budapest, Hungary) in 1994. – Although *Stenus doderoi* has been recorded as new to Hungary by PUTHZ (1971), the locality cited (Báziás, now Baziaş) is in Caraş-Severin county of Romania, not in Hungary. Few people realised this error and although the species was found at localities of present-day Hungary, it was not published from the country again. SMETANA (2004) treats the species as present in Hungary.

Tenebrionidae

Hymenophorus doublieri MULSANT, 1851 – Somogy county: Darány, 27.VI.2007, leg. JÓZSEF SÁR (1, HNHM). Identified by D. SZALÓKI (Budapest, Hungary) in 2007.

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