

**Three new and some rare weevils in Hungary  
(Coleoptera: Curculionidae)**

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**Abstract** – Three weevil species (Coleoptera: Curculionidae), namely *Brachysomus verae* Košťál, 1992, *Otiorhynchus aurifer* Boheman, 1842, and *Otiorhynchus turca* Boheman, 1842, are reported from Hungary for the first time. According to recent taxonomic changes, *Otiorhynchus rotundus* Marseul, 1872 is deleted from the Hungarian checklist as its data pertain to *Otiorhynchus smreczynskii* Cmoluch, 1968. Recent records of *Ceutorhynchus subpilosus* C. N. F. Brisout de Barneville, 1881, *Curculio gyongyiae* Szénási, 2022, *Mogulones albolineatus* (J. Frivaldszky, 1878), *Otiorhynchus juglandis* Apfelbeck, 1895, and *Otiorhynchus ovalipennis* Boheman, 1842 are also presented.

**Key words** – Palearctic Region, faunistics, new country records

INTRODUCTION

The author and his friends are involved in various conservation projects, which provide the possibility to collect and study the weevil fauna (Coleoptera: Curculionoidea) of different areas in Hungary. The present paper publishes locality data of some rare species of true weevils (Curculionidae), including three new country records; hence, raises the number of Curculionoidea of Hungary from 1231 (SZÉNÁSI 2023) to 1234 species. All specimens were identified by the author.

*Abbreviations* – CBS = private collection of Béla Szelenczey (Győr, Hungary), CVS = private collection of Valentin Szénási (Isaszeg, Hungary), HNHM = Hungarian National Museum Public Collection Centre – Hungarian Natural History Museum (Budapest, Hungary).

## SPECIES NEW TO HUNGARY

*Brachysomus verae* Košťál, 1992  
(Fig. 1)

*Material examined* – **Szabolcs-Szatmár-Bereg County:** Bököny, Érpataki-főfolyás, 14.V.2023, 21.V.2023, 1.VI.2023, leg. N. Tóth, M. Lukátsi, B. Szelenczey, V. Szénási (14 specimens in CVS, 3 specimens in HNHM).

*Remarks* – First record from Hungary. The species has been known from Romania, Slovakia, and Ukraine (ALONSO-ZARAZAGA *et al.* 2023). Proposed Hungarian name: kárpáti gyepormányos.

*Otiorhynchus aurifer* Boheman, 1842  
(Fig. 2)

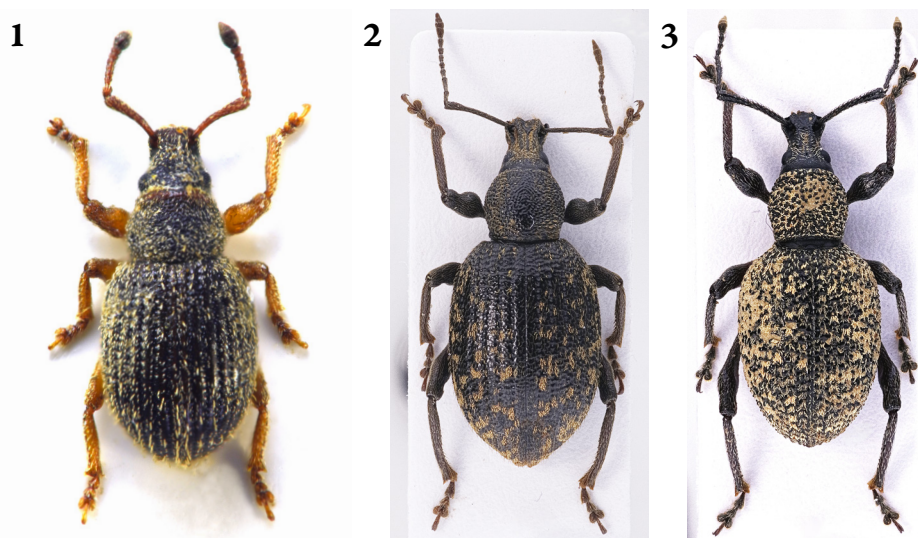
*Material examined* – **Budapest:** District XXII, István Pógyor street, 1.VIII.2024, leg. M. Lukátsi (1 specimen in CVS).

*Remarks* – First record from Hungary. The species occurs mainly in Southern Europe (ALONSO-ZARAZAGA *et al.* 2023); however, in the recent years it has been expanding, mainly in human environments (personal observation). Proposed Hungarian name: mediterrán gyalogormányos.

*Otiorhynchus turca* Boheman, 1842  
(Fig. 3)

*Material examined* – **Győr-Moson-Sopron County:** Győr, Bécsi kapu square, from *Prunus laurocerasus* L. (Rosaceae), 9.VII.2024, leg. B. Szelenczey (1 specimen in CBS, 1 specimen in CVS); Győr, Bercsényi-liget, from *Prunus laurocerasus*, 11.VIII.2024, leg. B. Szelenczey (4 specimens in CBS, 3 specimens in CVS, 2 specimens in HNHM).

*Remarks* – First record from Hungary. The species occurs in the Mediterranean Region, Asia Minor, and the Caucasus (ALONSO-ZARAZAGA *et al.* 2023); however, in the recent years it has been expanding, mainly in human environments (personal observation). Proposed Hungarian name: török gyalogormányos.



Figs 1–3. 1 = *Brachysomus verae* Košťál, 1992, 2 = *Otiorhynchus aurifer* Boheman, 1842, 3 = *Otiorhynchus turca* Boheman, 1842. Not to scale (photos by Aranka Grabant (Fig. 1) and Valentin Szénási (Figs 2–3))

## NEW RECORDS OF RARE OR EXPANDING SPECIES

### *Ceutorhynchus subpilosus* C. N. F. Brisout de Barneville, 1881

*Material examined* – **Komárom-Esztergom County:** Lábatlan, Nagy-Pisznice, 14.XI.2023, 29.XII.2023, leg. A. Kotán, T. Németh, V. Szénási (4 specimens in CVS, 1 specimen in HNHM).

*Remarks* – Since its first record from Hungary (MERKL *et al.* 2012) no further specimens have been reported from the country. The species occurs in Europe and the Caucasus (ALONSO-ZARAZAGA *et al.* 2023).

### *Curculio gyongyiae* Szénási, 2022

*Material examined* – **Borsod-Abaúj-Zemplén County:** Cserépfalu, Mész hill, 19.VIII.2023, leg. V. Szénási, D. Saláta (3 specimens in CVS); **Fejér County:** Pákozd, Nagy-Mező, 21.VIII.2023, leg. V. Szénási (3 specimens in CVS); **Heves County:** Eger, Kis-Eged, 19.VIII.2023, leg. V. Szénási, D. Saláta (3 specimens in CVS); Hatvan, Kiszombos, wood pasture, 19.VIII.2023, leg. V. Szénási, D. Saláta

(2 specimens in CVS); **Pest County:** Galgamácsa, Ördög-árok, 3.VIII.2023, leg. V. Szénási (2 specimens, CVS); Perbál, Meszesek, 16.VIII.2023, leg. V. Szénási (1 specimen in CVS); Püspökhatvan, Majóka, 18.VIII.2023, leg. V. Szénási (1 specimen in CVS); **Vas County:** Kenyeri, Királykút, 11.VIII.2023, leg. V. Szénási (3 specimens in CVS).

*Remarks* – The species is known from Croatia, Greece, and Hungary (SZÉNÁSI 2022).

*Mogulones albolineatus* (J. Frivaldszky, 1878)

*Material examined* – **Bács-Kiskun County:** Bugac, Borókás, from *Onosma arenaria* Waldst. et Kit. (Boraginaceae), 1.XI.2024, leg. V. Szénási, A. Kotán, B. Szelenczey (2 specimens in CVS).

*Remarks* – The taxonomic status of this species was recently clarified (KRÁTKÝ *et al.* 2018). So far it has been recorded from Bulgaria, Hungary, Iran, Russia, Slovakia, and Turkey, but the available data on its distribution are evidently far from complete (KRÁTKÝ *et al.* 2018). It is apparently very rare in Hungary.

*Otiorhynchus ovalipennis* Boheman, 1842

*Material examined* – **Budapest:** District XI, Kelenhegyi street, on the wall, 5.VII.2023, leg. T. Németh (1 specimen in CVS); **Pest County:** Isaszeg, Batthyány street, from *Prunus laurocerasus*, 24–27.VIII.2023, 7.IX.2023, leg. V. Szénási (7 specimens in CVS, 2 specimens in HNHM); Veresegyház, Zoltán Kodály street, from *Prunus laurocerasus*, 28.VIII.2023, leg. V. Szénási (1 specimen in CVS).

*Remarks* – The species occurs in Southern Europe, the Middle East, and the Caucasus (ALONSO-ZARAZAGA *et al.* 2023). It was found in Hungary in 2023 (SZÉNÁSI 2023) and apparently has been expanding, mainly in human environments (personal observation).

*Otiorhynchus smreczynskii* Cmoluch, 1968

*Material examined* – **Budapest:** District XXII, Kamaraerdei street 8, 4.VI.2020, 27.VIII.2023, leg. M. Lukátsi (3 specimens in CVS, 2 specimens in HNHM); **Komárom-Esztergom County:** Szomor, Szabadság square, from *Ligustrum vulgare* L. (Oleaceae), 6.IX.2023, leg. V. Szénási (2 specimens in CVS); **Pest County:** Budafok, Falka street, 20.IX.2021, leg. M. Lukátsi (6 specimens in CVS, 2 specimens in HNHM); Gödöllő, Röges street, from *Ligustrum vulgare*, 31.VIII.2023, leg. V. Szénási (2 specimens in CVS); Gödöllő, Peres street, from

*Syringa vulgaris* L. (Oleaceae), 28.VIII.2023, leg. V. Szénási (6 specimens in CVS, 2 specimens in HNHM); Gödöllő, Köztársaság road, 28.VIII.2023, leg. V. Szénási (2 specimens in CVS); Isaszeg, Bartók Béla street 36, from *Ligustrum vulgare*, 24.VIII.2023, leg. V. Szénási (4 specimens in CVS); Isaszeg, Madách Imre street, from *Spirea media* Schmidt, 1792 (Rosaceae), 31.VIII.2023, leg. V. Szénási (2 specimens in CVS); Piliscsaba, industrial area, from *Syringa vulgaris*, 30.VIII.2023, leg. V. Szénási (4 specimens in CVS); Pilisszántó, Pilistető, from *Ligustrum vulgare* and *Prunus spinosa* L. (Rosaceae), 8.IX.2023, leg. V. Szénási (3 specimens in HNHM, 2 specimens in CVS); Szada, Székely Bertalan street, from *Syringa vulgaris*, 28.VIII.2023, leg. V. Szénási (4 specimens in CVS, 1 specimen in HNHM); Törökbálint, Nagy Puszta, from *Ligustrum vulgare*, 19.VI.2024, leg. V. Szénási (2 specimens in CVS); Veresegyház, Kálvin square, from *Spirea media*, 28.VIII.2023, leg. V. Szénási (4 specimens, CVS); **Zala County:** Cseszegtomaj, Dobogó, 1.VIII.2023, leg. A. Márkus (4 specimens in CVS); Keszthely, Kertváros, 1.VIII.2023, leg. A. Márkus (1 specimen in CVS).

*Remarks* – This species is very common in the urban areas of Hungary. *Otiorhynchus rotundus* Marseul, 1872, previously included in the Hungarian checklist (PODLUSSÁNY *et al.* 2019), is to be deleted due to recent changes in the taxonomy and delineations of distributional areas of certain species (GOSIK *et al.* 2023); its records pertain to *Otiorhynchus smreczynskii* Cmoluch, 1968.

#### *Otiorhynchus juglandis* Apfelbeck, 1895

*Material examined* – **Pest County:** Pilisszántó, Pilistető, 8.IX.2023, leg. V. Szénási (8 specimens in CVS, 1 specimen in HNHM); **Veszprém County:** Tihany, at ferry, 4.VIII.2024, leg. M. Lukátsi (5 specimens in CVS).

*Remarks* – The species occurs in Europe (ALONSO-ZARAZAGA *et al.* 2023); it is considered very rare in Hungary.

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