

New and rare weevils in Hungary (Coleoptera: Curculionoidea)

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**Abstract** – *Argoptochus (Argoptochus) quadrisignatus* (Bach, 1856), *Otiorhynchus (Duphanastus) apfelbecki* Stierlin, 1887, *Otiorhynchus (Otiorhynchus) pseudonothus* Apfelbeck, 1893 and *Prisistus kuntzei* (Smreczyński, 1957) are first recorded from Hungary. Recent, still unpublished Hungarian records of *Acalles papei* A. et F. Solari, 1905, *Bagoopsis globicollis* (Fairmaire, 1863), *Brachycerus foveicollis* Gyllenhal, 1833, *Elytrodon bidentatus* (Marsham, 1802), *Mecinus circulatus* (Marsham, 1802) and *Hypurus bertrandii* (Perris, 1852) are presented. With 6 figures.

**Key words** – Curculionidae, Brachyceridae, new country records

## INTRODUCTION

The authors and their colleagues and friends are involved in various conservation projects, and during the field work have the possibility to collect and study the weevil fauna of different areas in Hungary. The present paper publishes locality data of some rare species, including four which are new to the country. The distribution of the species is based on ALONSO-ZARAZAGA *et al.* (2017).

**Abbreviations** – CAP = private collection of Attila Podlussány (Budapest, Hungary); CML = private collection of Márk Lukátsi (Budapest, Hungary); CVS = private collection of Valentin Szénási (Isaszeg, Hungary); FKM = Petőfi Literary Museum – Ferenc Kazinczy Museum (Sátoraljaújhely, Hungary); HNHM = Hungarian Natural History Museum (Budapest, Hungary).

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## SPECIES NEW TO HUNGARY

*Argoptochus (Argoptochus) quadrisignatus* (Bach, 1856)  
(Fig. 1)

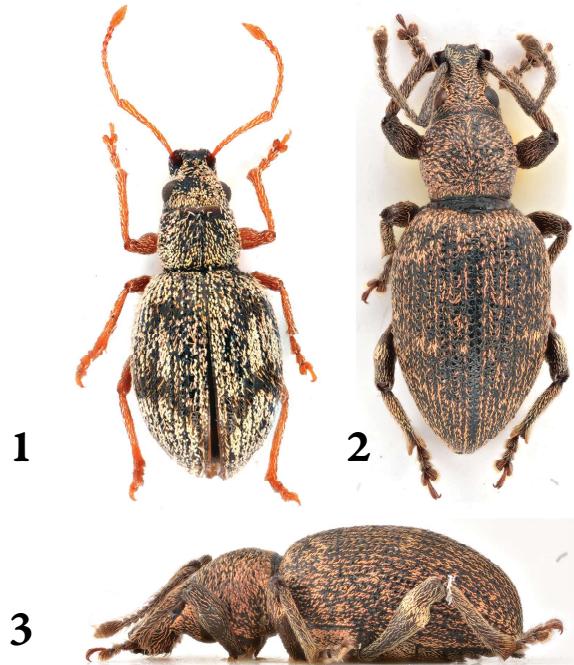
*Material examined* – **Borsod-Abaúj-Zemplén county:** Sárazsadány, Rudnokosi-dűlő, verge in vineyard, 11.VI.2017, leg. Gábor Hegyessy, Sándor Hegyessy & Ildikó Pálki, det. Attila Podlussány (4, CAP, 8, FKM, 2, HNHM); same, but 26.IV.2019, leg. Gábor Hegyessy, Sándor Hegyessy & Ildikó Pálki, det. Attila Podlussány (13, FKM), Sárospatak, Király-hegy, eastern vineyards, *Quercus* forest, 15.VI.2017, leg. Gábor Hegyessy, Sándor Hegyessy & Ildikó Pálki, det. Attila Podlussány (4, CAP, 3, FKM).

*Notes* – The species is known from Croatia, Germany, Czech Republic, Poland, Slovakia, Romania and Ukraine. First records for Hungary.

*Otiorhynchus (Duperlanastus) apfelbecki* Stierlin, 1887  
(Figs 2–3)

*Material examined* – **Fejér county:** Szárliget, Csákányospuszta, pine wood, 10–11.VI.2017, leg. Előd Kondorosy (1, HNHM).

*Notes* – The species is known from Austria, Croatia, Italia, Poland and Ukraine. First record for Hungary.



**Figs 1–3.** 1 = *Argoptochus quadrisignatus* (Bach, 1856), 2 = *Otiorhynchus apfelbecki* Stierlin, 1887,  
3 = same, left lateral view. Not to scale (photos by Tamás Németh)

*Otiorhynchus (Otiorhynchus) pseudonothus* Apfelbeck, 1893  
(Fig. 4)

**Material examined – Budapest:** District 1, Kapucinus utca, 30.IV.2014, leg. Csaba Podlussány, det. Attila Podlussány (1, CAP). – **Vas county:** Szombathely, Prenor Kft. Faiskola, *Picea*, 20.X.2017, leg. István Farkas, det. Attila Podlussány (4, CAP, 2, HNHM).

**Notes** – The species is known from Austria, Bosnia-Hercegovina, Croatia, Italia, Slovenia, Switzerland and Ukraine. First records for Hungary.

*Prisistus kuntzei* (Smreczyński, 1957)  
(Fig. 5)

**Material examined – Békés county:** Elek, Szikmező, swept on saline meadow, 1.V.2014, leg. Valentin Szénási, det. Enzo Colonnelli (1 male, CVS).

**Notes** – It occurs in North Macedonia, Romania, Slovakia, Ukraine and Russia (Central European Territory). Its host plant and ecology are unknown (SMRECZYŃSKI 1957). First record for Hungary.

## NEW RECORDS OF RARE SPECIES

*Acalles papei* A. et F. Solari, 1905

**Material examined – Fejér county:** Vértesboglár, Vérteskozma, Somos, sifted, 8.III.2014, leg. Tamás Németh, det. Valentin Szénási (1, CVS). – **Heves county:** Gyöngyössolymos, Csáki-tető, sifted, 6.VII.2017, leg. & det. Valentin Szénási (2, CVS). – **Komárom-Esztergom county:** Esztergom, Pilisszentlélek, Szentléleki-tető, sifted, 24.V.2018, leg. Gábor Seres, det. Valentin Szénási (1, CVS); Esztergom, Cserepes-völgy, 20.V.2017, leg. Gábor Seres, det. Valentin Szénási (2, CVS); Tardos, Alsó-Látó-hegy, sifted, 23.XI.2016, leg. & det. Valentin Szénási (1, CVS). – **Nógrád county:** Jobbágyi, Nagy-Hársas, sifted, 5.VI.2017, leg. & det. Valentin Szénási (2, CVS). – **Pest county:** Visegrád, Apátkúti-gerinc, sifted, 23.IV.2014, leg. Tamás Németh, det. Valentin Szénási (1, CVS).

**Notes** – The species occurs in Southern Europe (mainly the Balkan Peninsula). Rare in Hungary.

*Bagoopsis globicollis* (Fairmaire, 1863)

*Material examined – Bács-Kiskun county:* Dunatetétlen, Böddi-szék, swept at night, 8.VI.2017, 22.VI.2017, leg. & det. Valentin Szénási (8, CVS).

*Notes* – The species occurs in Europe and the Asian part of Turkey. Very rare in Hungary.

*Brachycerus foveicollis* Gyllenhal, 1833

*Material examined – Bács-Kiskun county:* Dunatetétlen, Böddi-szék, hand-collected, 30.IV.2017, leg. & det. Valentin Szénási (1, CVS); Szalkszentmárton, side of Duna river, hand-collected, 22.IV.2019, leg. & det. Valentin Szénási (2, CVS). – **Fejér county:** Pákozd, near Nagy-mező, hand-collected, 11.IV.2017, leg. & det. Valentin Szénási (1, CVS). – **Pest county:** Bugyi, near Ürbőpuszta, hand-collected, 2.V.2017, leg. & det. Valentin Szénási (3, CVS); Farmos, Bivalyos-sziget, hand-collected, 14.III.2018, leg. & det. Valentin Szénási (2, CVS); Jászkarajenő, Maczek-föld, hand-collected, 26.IV.2018, leg. Tibor Vincze, det. Valentin Szénási (1, CVS); Köröstetétlen, Kis-Pengyom, 5.V.2017, leg. & det. Valentin Szénási (1, CVS); Vácegres, Partok-alja, hand-collected, 16.IV.2015, 12.IV.2016, 28.II.2019, leg. & det. Valentin Szénási (7, CVS). – **Veszprém county:** Felsőörs, Kopasz-tető, hand-collected, 22.X.2015, leg. Attila Kotán, det. Valentin Szénási (1, CVS); Zalahaláp, Csilla-hegy, hand-collected, 3.VII.2015, leg. Attila Kotán, det. Valentin Szénási (1, CVS); Vilonya, Külső-hegy, hand-collected, 1.V.2016, 9.IV.2017, leg. & det. Valentin Szénási (1, CVS).

*Notes* – It is a Ponto-Mediterranean steppic species. Host plants are different species of *Ornithogalum* (in Hungary mainly *Ornithogalum pannonicum* and *O. umbellatum*). Uncommon in Hungary.

*Elytrodon bidentatus* (Marsham, 1802)  
(Fig. 6)

*Material examined – Békés county:* Békésszentandrás, dam side of Hármash-Körös, hand-collected, 9.IV.2019, leg. & det. Tamás Deli (1 male, CVS).

*Notes* – The species occurs in South and Central Europe, and Turkey. Host plant and ecology are unknown. Third record in Hungary.

*Hypurus bertrandii* (Perris, 1852)

*Material examined – Bács-Kiskun county:* Jakabszállás, Görbeszéki-dűlő, swept, 30.VIII.2017, leg. & det. Valentin Szénási (10, CVS).

**Notes** – The species is distributed in Western and Southern Europe. Host plant is *Portulaca oleracea*. Second record in Hungary.

*Mecinus circulatus* (Marsham, 1802)

**Material examined** – Pest county: Budaörs, Szekrényes-hegy, swept, 9.IV.2016, leg. Márk Lukátsi, det. Attila Podlussány (1, CML). – Komárom-Esztergom county: Tata, Réti-halastavak, swept, 18.V.2019, leg. Márk Lukátsi, det. Valentin Szénási (1, CVS).

**Notes** – The species occurs in South and Central Europe, Algeria and Cyprus. Its host plant is *Plantago lanceolata*. Rare in Hungary.

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Figs 4–6. 4 = *Otiorhynchuspseudonothus* Apfelbeck, 1893, 5 = *Prisistus kuntzei* (Smreczyński, 1957), 6 = *Elytrodon bidentatus* (Marsham, 1802). Not to scale (photos by Tamás Németh)

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