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## CONTRIBUTION TO THE FAUNA OF THE ROVE BEETLES (COLEOPTERA: STAPHYLINIDAE) OF UKRAINE

Гонтаренко, А. В. До фауни жуків-стафілінід (Coleoptera: Staphylinidae) України. *Вісті Харківського ентомологічного товариства*. 2022. Т. XXX, вип. 1-2. С. 5–7. DOI: 10.36016/KhESG-2022-30-1-2-1.

Наводяться нові знахідки семи видів стафілінід з терену України, серед яких *Pseudomedon huentheri* (Hubental, 1927) вказується для України вперше. 13 назв.

**Ключові слова:** Coleoptera, Staphylinidae, поширення, Україна.

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New records of seven species of the rove beetles from Ukraine are provided, of which *Pseudomedon huentheri* (Hubental, 1927) is reported for the first time for Ukraine. 13 refs.

**Keywords:** Coleoptera, Staphylinidae, distribution, Ukraine.

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Приводятся новые находки семи видов стафилинид с территории Украины, среди которых *Pseudomedon huentheri* (Hubental, 1927) указывается впервые для Украины. 13 назв.

**Ключевые слова:** Coleoptera, Staphylinidae, распространение, Украина.

**Introduction.** Rove beetles are the largest family of the beetles, and one of the largest families of insects in the fauna of Ukraine. The Ukrainian fauna of the rove beetles remains insufficiently studied, as evidenced by recent records of new species for Ukraine (Gontarenko, 2012, 2019).

**Materials and methods.** The article is based on the studying of the material collected by author. All material is stored in the author's private collection. The material was found by hand-collecting under stones, by sampling various substrates (cow dung, soil, turf, mushrooms). Substrate was put on the oilcloth. Sometime the common substrates were sifted through an entomological sifter or metal sieve. New species for Ukraine is marked with an asterisk (\*). General distribution data is based on Schülke and Smetana (2015).

### Results and discussions.

#### Subfamily OMALIINAE MacLeay, 1825

#### Genus *Phyllodrepoidea* Ganglbauer, 1895

#### *Phyllodrepoidea crenata* (Gravenhorst, 1802)

**Material.** Transcarpathian Region: Rakhiv District, Luh vicinity, tract Kuziy, *Trametes* sp., 9.10.2022 — 1 ♂; Tiachiv District, Shyrokyi Luh vicinity, *Armillaria mellea* (Vahl) P. Kumm., 1871, 525 m a. s. l.; 23.10.2022 — 1 ♂; ibidem, *Hericium coralloides* (Scop.) Pers., 1794, ~ 830 m a. s. l., 24.10.2022 — 1 ♀.

**Distribution.** European species, for Ukraine was known only one specimen from Transcarpathian Region (Gontarenko, 2012).

#### Genus *Omalium* Gravenhorst, 1802

#### *Omalium oxyacanthae* Gravenhorst, 1806

**Material.** Transcarpathian Region: Tiachiv District, Shyrokyi Luh vicinity, bunch of different rotting mushrooms, 525 m a. s. l., 17.10.2022 — 1 ♂.

**Distribution.** *Omalium oxyacanthae* is widely distributed in Palaearctic Region, and was also introduced into North America. In Ukraine, it was mentioned from a few localities in south regions (for details see: Gontarenko, 2012).

## Subfamily PAEDERINAE Fleming 1821

### Genus *Paederus* Fabricius, 1775

#### *Paederus balcanicus* Koch, 1938

**Material.** Odesa Region: Berezivka vicinity, forest Berezivskiyi, near the Tylihul, grassy roots near water, 23.02.2016 — 2 ♂♂.

**Distribution.** The species is distributed in Europe, excluding north, and was mentioned from Ukraine only from Crimea (Gusarov, 1989); the record from Transcarpathian Region (Petrenko, 1985) refer to *P. limophilus* Heer, 1839 (Petrenko, pers. comm., 2009).

### Genus *Scopaeus* Erichson, 1840

#### *Scopaeus ryei* Wollaston, 1872

**Material.** Chernivtsi Region: Vyzhnytsia District, Berehomet vicinity, tract Stebnik, 490 m a. s. l., under stone near the Siret, 17.05.2021 — 3 ♂♂, 1 ♀.

**Distribution.** The species is distributed in Europe, excluding subtropical zone, recently was mentioned for Ukraine from Transcarpathian Region (Gontarenko, 2019).

### Genus *Pseudomedon* Mulsant et Rey, 1878

#### \* *Pseudomedon huetheri* (Hubenthal, 1927)

**Material.** Transcarpathian Region (macropterous morph): Tiachiv District, Shirokiy Luh vicinity, 525 m a. s. l., pebbly-sandy bank of river, under stones, 6.07.2006 — 1 ♀; ibidem, 8.05.2010 — 1 ♂, 1 ♀. Chernivtsi Oblast (brachypterous morph): Vyzhnytsia District, Berehomet vicinity, tract Stebnik, 490 m a. s. l., pebbly-sandy bank of the Siret, under stone, 17.05.2021 — 1 ♂.

**Distribution.** According Schülke and Smetana (2015) it was known from Austria, Switzerland, Germany, North Macedonia, and Slovakia. However, Assing (2009) emphasizes ‘correctly identified specimens of *P. huetheri* have been seen only from southern Germany and southern Switzerland’.

## Subfamily STAPHYLININAE Latreille, 1802

### Genus *Philonthus* Stephens 1829

#### *Philonthus jurgans* Tottenham, 1937

**Material.** Odesa Region: Odesa vicinity, near Krasnosilka, heap of old cow dung, 4.04.2020 — 1 ♂; Biliaivka District, Troitske vicinity, soil soaked in tree (*Populus* sp.) sap, 11.08.2021 — 1 ♂, 3 ♀♀.

**Distribution.** The species is distributed in Europe, to the east it reaches Poland, Slovakia and Romania. It was reported from the Ukrainian Carpathians (Tur, 1980; Bogdanov, 1980) without providing the material, as well as from Lviv (Smoleński, 1996) with reference to the Klapach collection. However, Schülke and Smetana (2015) did not cited this species from Ukraine.

### Genus *Bisnius* Stephens 1829

#### *Bisnius puella* (Nordmann, 1837)

**Material.** Chernivtsi Region: Vyzhnytsia District, Berehomet vicinity, tract Stebnik, 520 m a. s. l., cow dung, 17.05.2021 — 2 ♂♂, 2 ♀♀.

**Distribution.** The species is distributed in Europe, Asia Minor and West Siberia. In Ukraine, it was recorded from a few localities in Chornohora massif (Weise, 1875(1876); Roubal, 1930; Walles, 1935(1936); Bogdanov, 1985), and in Sumy Region (Gontarenko, 2019).

**Conclusions.** New records of seven species of the rove beetles from Ukraine are provided, of which *Pseudomedon huetheri* (Hubenthal, 1927) is reported for the first time for Ukraine.

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