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New records of the short-winged mold beetles (Coleoptera: Staphylinidae: Pselaphinae) from the Chornomorskiy Biosphere Reserve

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Krivosheyev, R. E. New records of the short-winged mold beetles (Coleoptera: Staphylinidae: Pselaphinae) from the Chornomorskiy Biosphere Reserve. Eight species of Pselaphinae are collected from the Chornomorskiy Biosphere Reserve. Of them, seven are recorded for the first time from Kherson Region.

Key words: Ukraine, Coleoptera, Staphylinidae, Pselaphinae, Chornomorskiy Biosphere Reserve, new records.

Кривошеєв, Р. Є. Нові знахідки жуків-потаємців (Coleoptera: Staphylinidae: Pselaphinae) на території Чорноморського біосферного заповідника. У Чорноморському біосферному заповіднику знайдено 8 видів потаємців. З них, 7 вперше зазначено для Херсонської області.

Ключові слова: Україна,Coleoptera, Staphylinidae, Pselaphinae, Чорноморський біосферний заповідник, нові знахідки.

Introduction

The subfamily Pselaphinae was known to be represented by 126 species of 25 genera in the fauna of Ukraine, of which 16 species belong to the genus Brachygluta Thomson, 1859 (Krivosheyev, 2015). In Kherson Region, and in the south of Ukraine in general, Pselaphines heretofore were poorly examined, and only one publication on Pselaphinae exists (Blinshtein, 1989). In it, only one halophilic species — *Brachygluta foveola* (C. G. Thomson, 1859) — is recorded from Kherson Region.

During several collection trips to Chornomorskiy biosphere reserve, additional 7 species from the 5 genera of Pselaphinae were collected in three districts of the Chornomorsky Biosphere reserve. All these species are first recorded from Kherson Region. All material is deposited in the collection of I. I. Schmalhausen Institute of Zoology, Kyiv (SIZK).

Bibloplectus spinosus Raffray, 1914 (Fig. 1)

Winkler 1925: 452; Löbl, Besuchet, 2004: 291.

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 8-9.04.2019, 2 (Krivosheyev leg.) (SIZK).

Distribution. Europe, except South; recorded from Ukraine: (Krivosheyev (2015)

Notes. The species occur in moss, grass and deciduous forest litter along the riverbanks, swamps and lakes (Roubal, 1930, Neuhäuser-Happe, 1995).

Brachygluta fossulata (Reichenbach, 1816)

Winkler, 1925: 455; Löbl, 2004: 297.

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 8-9.04.2019, 1 specimen (Krivosheyev leg.) (SIZK).

Distribution. Allmost whole Europe (Löbl, 2004).

Notes. Common species of the forest litter, moss and occasionally under the tree bark (Neuhäuser-Happe, 1995).

Brachygluta foveola (C. G. Thomson, 1859) (Fig. 2)

Winkler, 1925: 456; Löbl, Besuchet, 2004: 297

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Salt lake district, in the soil near the salt lake near the halophylic plants' roots, 29.05-3.06.2013, 69 specimens (Krivosheyev leg.) (SIZK); ibid, Yahorlytsky bay shore, in dry algae, 30.05.2013, 54 specimens (Krivosheyev leg.) (SIZK); Chornomorskiy biosphere reserve, steppe, Yahorlytsky Kut district, in silt, 2-7.04.2019, 126 specimens (Krivosheyev leg.) (SIZK).

Distribution. South of Europe (Löbl, 2004).

Notes. Halophilic species along saltwater lakes and seas, lives in soil (Jeannel, 1950).

Fig. 1. *Bibloplectus spinosus* male dorsal.

Fig. 2 *Brachygluta foveola*, male dorsal.

Brachygluta nodosa (Motschulsky, 1835) (Fig. 3)

Löbl, Besuchet, 2004: 298.

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 5-6.11.2018, 4 males (Krivosheyev leg.) (SIZK); ibid, 8-9.04.2019, 1 male (Krivosheyev leg.) (SIZK).

Distribution. Armenia, Azerbaijan, Georgia, Russia, Ukraine (Löbl, 2004).

Notes. In forest litter near the moist places (Neuhäuser-Happe, 1995).

Fagniezia impressa (Panzer, 1805) (Fig. 4)

Winkler 1925: 457; Löbl, Besuchet, 2004: 299.

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Salt lake district, in the soil near the salt lake near the halophylic plants' roots, 29.05-3.06.2013, 1 specimen (Krivosheyev leg.) (SIZK); Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 5-6.11.2018, 2 specimens (Krivosheyev leg.) (SIZK); ibid, 8-9.04.2019, 10 specimens (Krivosheyev leg.) (SIZK).

Distribution. Europe, except Great Britain, France, Hungary, Freece and Portugal (Löbl, 2004).

Notes. Coastal species, lives in soil, litter and under the silt on the banks (Roubal, 1930, Neuhäuser-Happe, 1995).

Bryaxis curtisii (Leach, 1817)

Winkler, 1925: 462; Löbl, Besuchet, 2004: 305.

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 5-6.11.2018, 7 males, 10 females (Krivosheyev leg.) (SIZK).

Distribution. Europe, excluding North (Löbl, 2004).

Notes. Common species, dwells in forest litter, moss and under the bark (Neuhäuser-Happe, 1995).

Bryaxis bulbifer (Reichenbach, 1816)

Winkler, 1925: 461; Löbl, Besuchet, 2004: 304.

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 5-6.11.2018, 22 males, 21 females (Krivosheyev leg.) (SIZK).

Distribution. Almost whole Europe (Löbl, 2004).

Notes. The species lives in forest litter near the water, in moss and under the stones (Roubal, 1930, Neuhäuser-Happe, 1995).

Pselaphus heisei (Herbst, 1792)

Winkler 1925: 466; Löbl, Besuchet, 2004: 327

Material examined. Ukraine, Kherson Region, Chornomorskiy biosphere reserve, steppe, Ivano-Rybalche district, under oaks near the freshwater lake, 8-9.04.2019, 5 specimens (Krivosheyev leg.) (SIZK).

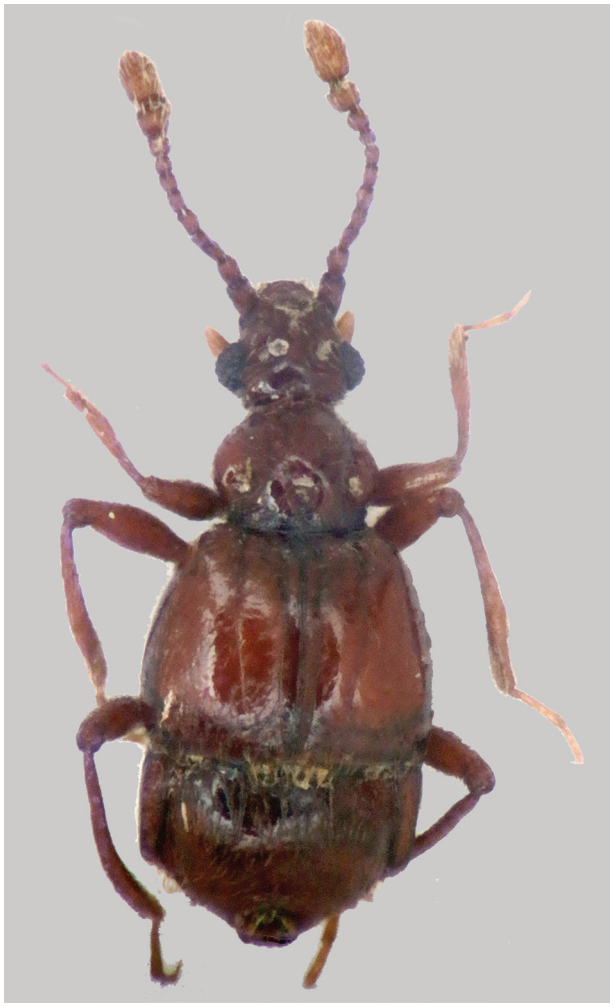

Fig. 3. *Brachygluta nodosa*, male dorsal.

Fig. 4. *Fagniezia impressa*, habitus dorsal.

Distribution. Almost whole Europe (Löbl, 2004).

Notes. The species lives in rotting grass, under the bark, in moss and moist forest litter, often near the banks of rivers and lakes (Roubal, 1930, Neuhäuser-Happe, 1995).

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