

New Records on the Distribution of Some Species of the Subfamily Paederinae (Coleoptera: Staphylinidae) from Europe and Asia

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Abstract: New and additional distributional data concerning 11 species of subfamily Paederinae from Europe, West and Central Asia are presented, among them eight species are first country records.

Key words: distribution, Staphylinidae, Paederinae, Europe, Asia, new records

Staphylinid beetle subfamily Paederinae is a widespread and rather large subfamily of Staphylinidae, comprising about 6000 species worldwide out of 225 genera (HERMAN 2001). Compared to most other areas of Palaearctic region (for instance Western and Central Europe), especially the current knowledge of the fauna of Paederinae of South European territory of Russia, Middle Asia, Syria and Turkey must be considered rather incomplete.

The main aim of the study is to contribute to the knowledge of Paederinae fauna of Palaearctic region.

Material and Method

The paper is based on material collected during recent field studies in different parts of Russia, Azerbaijan, Syria, Turkey, and Turkmenistan. Specimens have been identified by first and second authors. All specimens have been identified based on the male sexual characters. Classification and nomenclature of Paederinae suggested by SMETANA (2004) has been followed in this study. The name of the country from

which a particular species was recorded for first time is given in bold type.

The material referred to in this study is deposited in the following collections: cAnl – first author's private collection; cKha – second author's private collection.

Results

Subfamily Paederinae FLEMING 1821

Astenus bulgaricus COIFFAIT 1971

Material: Russia: 1 ex., 22. VII. 1999, Rostov reg., Veshenskaya vill., leg. Khachikov (cKha).

Distribution: Bulgaria, South European territory of Russia and Turkey (KHACHIKOV 1998, 2002, 2008; GREBENNIKOV 2002; SMETANA 2004; ANLAŞ & ROSE 2009). This species have rarely been reported from European territory of Russia.

Homaeotarsus chadoirii HOCHHUTH 1851

Material: Syria: 1 ex., 04. III. 2007, Latakia, leg. Gahani (cAnl).

Distribution: Greece, Bulgaria, Caucasus, Cyprus, Iran, Israel and Turkey (SMETANA 2004).

***Homaeotarsus iranoturcestanicus* (SCHEERPELTZ 1956)**

Material: Russia: 1 ex., 24. VI. 2006, Daghestan, env. Tagirkent-kazmalar vill., Samur river valley, leg. Iljina (cKha); 1 ex., 12.VI.2009, Magaramkent vill., leg. Nurdinova (cKha).

Distribution: Afghanistan, Iran, Tajikistan, Turkmenistan and Uzbekistan (SMETANA 2004).

***Lathrobium permutatum* ASSING 2009**

Material: Russia: 1 ex., 18. VI. 2006, Daghestan, Tabasaran distr., Gumi vill., 800 m, leg. Iljina (cKha).

Distribution: Georgia (ASSING 2009), 'Caucasus region' (ASSING 2010). This species is recorded with exactly locality from Russia for the first time.

***Lathrobium furcatum* CZWALINA 1888**

Material: Russia: 1 ex., 16. VI. 2000, Rostov reg., Sholokhovskij distr., Kalininskij vill., leg. Khachikov (cKha); 3 exs., 7-20. VII. 2009, Bagaevskaya vill., leg. Khachikov (cKha).

Distribution: This rare species is widespread from Caucasus region across Balkans into the south-east of Central Europe (ASSING 2009).

***Platydomene picipes* (ERICHSON 1840)**

Material: Turkey: 1 ex., 23. IV. 2010, Uşak province, Eşme, Kısık 2 km NE, Gediz river bank, 470 m, 38°38'06"N, 28°57'19"E, leg. Anlaş (cAnl).

Distribution: This rare species occurs in Europe and North Africa (SMETANA 2004).

***Scymbalium persimilis* CAMERON 1940**

Material: Russia: 7 exs., 16. VI. 2009, Daghestan, Makhachkala city, N of suburb, Karaman-2, leg. Iljina (cKha).

Distribution: Iraq (Tanooma, Basra) (CAMERON 1940; SMETANA 2004).

***Throbalium komarovi* GREBENNIKOV 2001**

Material: Turkmenistan: 1 ex., 21. V. 1993, Chilmamedkum sands, Kyzyl-Takir, leg. Arzanov & Ivliev (cKha).

Distribution: South European territory of Russia (GREBENNIKOV 2001).

***Scopaeus gladifer* BINAGHI 1935**

Material: Russia: 1 ex., 2-4. V. 1999, Rostov reg., Donleskhoz, leg. Khachikov (cKha); 1 ex., 10. VIII. 1999, Krasnodar province, Krinitza vill. 7 km W, Temnaya shchel gorge, leg. Khachikov (cKha); 1 ex., 10. IV. 1989, Kalmykia, Sadovoe vill., leg. Khachikov (cKha); 2 exs., 1-30. VII. 2010, Karachaevo-Cherkesia, Teberda city, leg. Khachikov (cKha).

Distribution: Greece, Black Sea regions of Bulgaria, Romania, Ukraine including Crimea, and Turkey, north of Caspian Sea in Russian Samara region (FRISCH 2010) and Volgograd region (GREBENNIKOV 2002). Thus, this species is recorded from South European territory of Russia (North Caucasus) for the first time.

***Rugilus similis* (ERICHSON 1839)**

Material: Russia: 1 ex., 09. V. 2002, Daghestan, Makhachkala city, leg. Iljina (cKha). **Syria:** 2 exs., 04. III. 2007, Latakia, leg. Gahani (cAnl).

Distribution: Europe, including European territory of Russia and Turkey (SMETANA 2004).

***Rugilus rufipes* GERMAR 1836**

Material: Azerbaijan: 5 exs., 2-6. VI. 2006, Astara, Motlayatag vill., leg. Snegovaya (cAnl); 1 ex., 25-31. V. 2008, Lardymly distr., near Kiurektshi vill., leg. Kasatkin (cAnl); 2 exs., 18. V. 2007, Lenkoran, Apo, leg. Snegovaya (cAnl); 1 ex., 10. VI. 2007, Lenkoran, Azfiliag, leg. Snegovaya (cAnl); 3 exs., 14-16. VI. 2007, environ Peshtatyuk vill., leg. Kasatkin (cAnl); 1 ex., 20. V. 2007, Lerik vill., leg. Snegovaya (cAnl). **Syria:** 3 exs., 04. III. 2007, Latakia, leg. Gahani (cAnl).

Distribution: Europe, Azerbaijan, Iran, Turkey and West Siberia (SMETANA 2004).

At the end of this study, 11 species of subfamily Paederinae from Palaearctic region are reported, among them eight species are first country records: *Homaeotarsus iranoturcestanicus* (SCHEERPELTZ 1956), *Lathrobium permutatum* ASSING 2009 and *Scymbalium persimilis* CAMERON 1940 from Russia; *Homaeotarsus chaudoirii* HOCHHUTH 1851, *Rugilus similis* (ERICHSON 1839) and *R. rufipes* GERMAR 1836 from Syria; *Platydomene picipes* (ERICHSON 1840) from Turkey, and *Throbalium komarovi* GREBENNIKOV 2001 from Turkmenistan, as well as *Scopaeus gladifer* BINAGHI 1935 are reported from South European territory of Russia (North Caucasus) for the first time.

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