

New records of the velvet ants (Hymenoptera: Mutillidae) and spider wasps (Hymenoptera: Pompilidae) from Russia

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Новые находки ос-немок (Hymenoptera: Mutillidae) и дорожных ос (Hymenoptera: Pompilidae) в России

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Abstract. The velvet ants genera *Artiotilla* Invrea, 1950 and *Neotrogaspidia* Lelej, 1996 and four species, *Myrmilla etzchmiadzini* (Radoszkowski, 1885), *Ephutomma angustata* (Skorikov, 1935), *Artiotilla biguttata* (Costa, 1859), and *Neotrogaspidia hammeri* (Suárez, 1959), are newly recorded in the fauna of Russia. The distribution of five species of velvet ants is enlarged within the regions of Russia. Eight species of spider wasps are newly recorded from Dagestan Republic, one of them, *Evagetes sahlbergi* (F. Morawitz, 1893), also from the south of the European part of Russia.

Key words. Velvet ants, spider wasps, fauna, Palaearctic Region.

Резюме. Роды *Artiotilla* Invrea, 1950 и *Neotrogaspidia* Lelej, 1996, и 4 вида [*Myrmilla etzchmiadzini* (Radoszkowski, 1885), *Ephutomma angustata* (Skorikov, 1935), *Artiotilla biguttata* (Costa, 1859) и *Neotrogaspidia hammeri* (Suárez, 1959)] ос-немок указываются впервые для фауны России. Распространение еще 5 видов немок расширено в пределах России. Восемь видов дорожных ос впервые указываются для Дагестана, один из них, *Evagetes sahlbergi* (F. Morawitz, 1893) – также впервые для юга европейской части России.

Ключевые слова. Осы-немки, дорожные осы, фауна, Палеарктика.

Introduction

This paper is based on the material collected in 1995, 2008, 2009, 2015, and 2017 years in Yaroslavl and Astrakhan Provinces, Kalmyk, Dagestan and Altai Republics, and Altai Territory. The examined material (52 specimens) is deposited in the collections of the Federal Scientific Center of the East Asia Terre-

strial Diversity, Vladivostok (IBSS), and the Institute of Systematics and Ecology of Animals, Novosibirsk (ISEN). General distribution of velvet ants species follows Lelej (1985, 2002), and spider wasps species – Loktionov and Lelej (2017). New distribution records are marked with an asterisk (*).

List of species

Family Mutillidae

***Artiotilla biguttata* (Costa, 1859)**

Material examined. Russia: 1 ♀, Dagestan Rep., 9 km SSE Kochubey, 22.VII.2015 (V. Loktionov, M. Proshchalykin, M. Mokrousov); 2 ♀, Dagestan Rep., Derbent, Kamysh-chai valley, 41,908° N, 48,233° E, 12.VI.2017 (M. Mokrousov); 1 ♂, Dagestan Rep., Derbent, 41,1° N, 48,289° E, 24.VIII.2017 (M. Mokrousov) (IBSS).

Distribution. *Russia: European part (North Caucasus). – S Europe, Azerbaijan, Cyprus, Turkey, Palestine, Iran, Turkmenistan.

***Ephutomma angustata* (Skorikov, 1935)**

Material examined. Russia: 2 ♂, Kalmyk Rep., Nature Reserve “Chernye Zemli”, 45°56’ N 46°01’ E, 5 & 6.VII.2017 (Zh. Savranskaya) (IBSS).

Distribution. *Russia: European part (South). – Iran, Central Asia, Kazakhstan.

***Myrmilla (Myrmilla) etzchmiadzini* (Radoszkowski, 1885)**

Material examined. Russia: 4 ♀, Dagestan Rep., Derbent, Kamysh-chai valley, 41,908° N, 48,233° E, 10 & 11.VI.2017 (M. Mokrousov) (IBSS).

Distribution. *Russia: European part (North Caucasus). – Armenia, Azerbaijan, Iran.

***Myrmilla (Pseudomutilla) vutshetitshi* Skorikov, 1927**

Material examined. Russia: 2 ♀, Kalmyk Rep., Gorodovikovsk, 25.V.2015 (Zh. Savranskaya) (IBSS).

Distribution. Russia: European part (*South, North Caucasus, Crimea). – W, S and E Europe, Turkey, Syria.

***Mutilla europaea* Linnaeus, 1758**

Material examined. Russia: 1 ♀, Altai Terr., Barnaul, 17.V.2009 (Yu. Danilov); 1 ♀, Altai Rep., Kurayskiy ridge, 29 & 30.VI.2008 (A. Barkalov) (ISEN).

Distribution. Russia: European part (North, North-West, Central, East, North Caucasus, Crimea), Ural, Western Siberia (Novosibirsk Prov., *Altai Terr., *Altai Rep.). – Europe, North Africa, Turkey, Kazakhstan.

***Mutilla marginata* Baer, 1848**

Material examined. Russia: 1 ♀, Yaroslavl Prov., Pleshcheyevo Lake, 21.V.1995 (M. Klepikov) (IBSS).

Distribution. Russia: European part (North, North-West, *Central, East, Crimea), Ural. – W, S and E Europe, Georgia, Syria.

***Neotrogaspidia hammeri* (Suárez, 1959)**

Material examined. Russia: 1 ♀, Dagestan Rep., Derbent, Kamysh-chai valley, 41,908° N, 48,233° E, 11.VI.2017 (M. Mokrousov) (IBSS).

Distribution. *Russia: European part (North Caucasus). – S Europe, Armenia, Azerbaijan, Turkey, Cyprus, Palestine, Iran, Turkmenistan.

***Smicromyrme (Eremotilla) schwarzi* Suárez, 1975**

Material examined. Russia: 1 ♂, Dagestan Rep., Samur Nature Reserve, 41.86° N, 48.55° E, 6.VI.2017 (M. Mokrousov); 9 ♂, Dagestan Rep., Derbent, Kamysh-chai valley, 41,908° N, 48,277° E, 10–12.VI.2017 (M. Mokrousov) (IBSS).

Distribution. Russia (*North Caucasus, Crimea). – S and E Europe, Georgia, Armenia, Azerbaijan, Turkey.

***Tropidotilla sareptana* (André, 1901)**

Material examined. Russia: 1 ♀, Dagestan Rep., 12 km SSW Kizlyar, Novy Terek River, 23.VI.2015 (V. Loktionov, M. Proshchalykin, M. Mokrousov) (IBSS).

Distribution. Russia: European part (South, *North Caucasus). – Armenia, Azerbaijan, Turkey.

Family Pompilidae

***Batozonellus truchnemus* (F. Morawitz, 1888)**

Material examined. Russia: 7 ♀, 7 ♂, Astrakhan Prov., Volzhskiy, 23.VII, 12–18.VIII.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (South). – Azerbaijan, Turkmenistan, Kyrgyzstan, Kazakhstan.

Remark. The species was first recorded from Russia (Kalmyk Republic) by S. Zonstein (2002) but without data of material. The species is newly recorded from Astrakhan Prov.

***Cryptocheilus variipennis* Šuster, 1924**

Material examined. Russia: 1 ♀, Dagestan Rep., 10 km S Derbent, 11.VI.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (South, *North Caucasus). – W and S Europe, Turkey, Syria, Jordan.

***Eoferreola variabilis* (Eversmann, 1849)**

Material examined. Russia: 1 ♀, Dagestan Rep., Kumtorkalinskiy District, Barkhan Sarykum, 31.V.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (South, Crimea, *North Caucasus), Ural. – S Europe, Algeria, Egypt, Turkey, Syria, Iran, Uzbekistan, Kyrgyzstan, Kazakhstan.

***Evagetes pontomoravicus* (Šuster, 1938)**

Material examined. Russia: 1 ♀, Dagestan Rep., Derbent, Kamysh-chai valley, 14.VI.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (South, *North Caucasus, Crimea), Eastern Siberia (Buryatia Rep., Zabaykalskiy Terr.). – S and E Europe, North Africa, Turkey, Cyprus, Turkmenistan, Kyrgyzstan, Kazakhstan, Mongolia.

***Evagetes sahlbergi* (F. Morawitz, 1893)**

Material examined. Russia: 1 ♀, Dagestan Rep., Kumtorkalinskiy District, Barkhan Sarykum, 31.V.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (North, North-West, Central, *North Caucasus), Far East (Primorskiy and Kamchatka Terr., Magadan Prov., Chukot Autonomous Area). – Europe, Tajikistan, Kyrgyzstan, Mongolia.

***Evagetes proximus* (Dahlbom, 1845)**

Material examined. Russia: 1 ♂, Dagestan Rep., Kumtorkalinskiy District, Barkhan Sarykum, 31.V.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (North-West, Central, *North Caucasus, Crimea), Western Siberia (Altai Terr.), Eastern Siberia (Irkutsk Prov., Buryatia Rep., Zabaykalskiy Terr.), Far East (Amur Prov., Khabarovsk and Primorskiy Terr., Magadan Prov.). – Europe, Turkey, Iran, Tajikistan, Kyrgyzstan, Kazakhstan, Mongolia, China (Gansu, Inner Mongolia, Ningxia, Hebei), Japan (Hokkaido).

***Priocnemis minuta* (Vander Linden, 1827)**

Material examined. Russia: 1 ♂, Dagestan Rep., Magaramkent, Samur Reserve, 8.VI.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (Central, East, *North Caucasus, Crimea), Eastern Siberia (Buryatia Rep.), Far East (Primorskiy Terr.). – Europe, Turkey, Cyprus, Turkmenistan, Kyrgyzstan, Kazakhstan.

***Tachyagetes filicornis* (Tournier, 1889)**

Material examined. Russia: 1 ♀, Dagestan Rep., 5 km SW Magaramkent, 10.VI.2017 (M. Mokrousov); 3 ♀, Dagestan Rep., Derbent, Kamysh-chai valley, 11 & 12.VI.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (South, *North Caucasus). – W, S and E Europe, Morocco, Turkey, Cyprus, Iran, Turkmenistan, Tajikistan, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia.

***Telostegus inermis* (Brullé, 1833)**

Material examined. Russia: 1 ♀, Dagestan Rep., Kumtorkalinskiy District, Barkhan Sarykum, 31.V.2017 (M. Mokrousov) (IBSS).

Distribution. Russia: European part (South, *North Caucasus). – W, S and E Europe, Morocco, Algeria, Turkey, Cyprus, Iran, Tajikistan, Kyrgyzstan, Kazakhstan.

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