To the knowledge of the bee genus *Colletes* Latreille, 1802 (Hymenoptera: Apoidea: Colletidae) of Dagestan, Russia

К познанию пчел рода *Colletes* Latreille, 1802 (Hymenoptera: Apoidea: Colletidae) Дагестана, Россия

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Abstract. Twenty two species of the bee genus *Colletes* Latreille, 1802 are recorded for the Republic of Dagestan of Russia (the North Caucasus). Six species, *Colletes asiaticus* Kuhlmann, 1999, *C. dorsalis* Morawitz, 1888, *C. edentulus* Noskiewicz, 1936, *C. hethiticus* Warncke, 1978, *C. uralensis* Noskiewicz, 1936, and *C. wollmanni* Noskiewicz, 1936 are recorded for the first time for Russia and seven species, *C. brevigena* Noskiewicz, 1936, *C. carinatus* Radoszkowski, 1891, *C. eous* Morice, 1904, *C. floralis* Eversmann, 1852, *C. fodiens* (Fourcroy, 1785), *C. maidli* Noskiewicz, 1936, and *C. tuberculatus* Morawitz, 1893 are new to Dagestan. The number of Dagestani *Colletes* species is supposed to be at least one fourth higher than known so far. Probably several species that are known from neighboring Azerbaijan, Georgia or North Caucasus regions of Russia also occur in Dagestan, such as *C. hakkari* Kuhlmann, 2002, *C. morawitzi* Noskiewicz, 1936, *C. nasutus* Smith, 1853, *C. penulatus* Noskiewicz, 1936, *C. rubellus* Noskiewicz, 1936, *C. subnitiens* Noskiewicz, 1936, or *C. warnckeii* Kuhlmann, 2002. The number of *Colletes* species reported from Russia increases to 51. Additionally, a new lectotype of *C. caspicus* Morawitz, 1874 is designated.

Резюме. Приведен аннотированный список 22 видов пчел рода *Colletes* Дагестана. Шесть видов впервые указываются для фауны России: *Colletes asiaticus* Kuhlmann, 1999, *C. dorsalis* Morawitz, 1888, *C. edentulus* Noskiewicz, 1936, *C. hethiticus* Warncke, 1978, *C. uralensis* Noskiewicz, 1936, *C. wollmanni* Noskiewicz, 1936 – и семь видов для фауны Дагестана: *C. brevigena* Noskiewicz, 1936, *C. carinatus* Radoszkowski, 1891, *C. eous* Morice, 1904, *C. floralis* Eversmann, 1852, *C. fodiens* (Fourcroy, 1785), *C. maidli* Noskiewicz, 1936 и *C. tuberculatus* Morawitz, 1893. Предполагается, что число видов дагестанских *Colletes* будет как минимум на четверть больше. Вероятно, в Дагестане также обитают несколько видов, которые известны из соседних Азербайджана, Грузии или регионов Северного Кавказа: *C. hakkari* Kuhlmann, 2002, *C. morawitzi* Noskiewicz, 1936, *C. nasutus* Smith, 1853, *C. penulatus* Noskiewicz, 1936, *C. rubellus* Noskiewicz, 1936, *C. subnitiens* Noskiewicz, 1936, или *C. warnckeii* Kuhlmann, 2002. Число видов *Colletes*, зарегистрированных в России, увеличивается до 51. Обозначен новый лектотип для *C. caspicus* Morawitz, 1874.

Introduction

The Republic of Dagestan is the southernmost region of Russia located in the North Caucasus. The geographical situation, landscape diversity and the Caspian Sea create a diverse climate in Dagestan. The republic comprises five climatic and a number of geographical zones: from the subtropical Caspian lowland at twenty eight meters below the level of the world ocean up to the more than four thousand meters high snowy peaks of the Caspian. Local summers are warm and long. Average winter temperature is 0–5 °C, average summer temperature is +25 °C [Maslov et al., 1957].

There are currently about 400 species of bees known from Dagestan [Proshchalikin, Astafurova, 2017], although this is undoubtedly a gross underrepresentation due to sparse sampling that has been done on the fauna, and new records and species are frequently discovered [Proshchalikin, Dathe, 2017; Proshchalikin et al., 2017; Fateryga, 2017; Fateryga et al., 2019]. Among the bees of Dagestan, the genus *Colletes* Latreille, 1802 is one of the least-studied genera.

The genus *Colletes* currently includes more than 500 described species with an estimated total of about 700 species [Kuhlmann, Proshchalikin, 2011] from most continents except Antarctica, Australia, and parts
of Southeast Asia and Madagascar [Michener, 2007; Kuhmann, 2014]. In recent years significant progress has been made towards a better knowledge of species of Colletes from Russia [Kuhmann, Proshchalykin, 2011, 2014; Proshchalykin, Kuhmann, 2012, 2015a]. Currently 45 species are known from this country [Proshchalykin, 2017a, b], but the Colletes fauna of the North Caucasus region including Dagestan is particularly understudied.

Hitherto, Colletes caspicus Morawitz, 1874 has been described from Dagestan, and in total only nine species have been recorded for this region [Morawitz, 1874; Skhirtladze, 1984; Kuhmann, Proshchalykin, 2014, 2016]. Based on a comprehensive study of specimens mainly collected in Dagestan and additional specimens from the collection of the Zoological Institute of the Russian Academy of Sciences, (St Petersburg, Russia), we here list 22 species of the genus Colletes, with six species newly recorded from Russia (C. asiaticus Kuhmann, 1999, C. dorsalis Morawitz, 1888, C. edentulus Noskiewicz, 1936, C. heticicus Warncke, 1978, C. uralensis Noskiewicz, 1936, and C. wollmanni Noskiewicz, 1936) and seven species newly recorded for Dagestan (C. brevigena Noskiewicz, 1936, C. carinatus Radoszkowski, 1891, C. eous Morice, 1904, C. floralis Eversmann, 1852, C. fodiens (Fourcroy, 1785), C. maidii Noskiewicz, 1936, and C. tuberculatus Morawitz, 1893). In total 51 Colletes species are now known from Russia.

The number of Dagestanian Colletes species is supposed to be at least one fourth higher than known so far. We expect that several species that are known from neighboring Azerbaijan, Georgia or North Caucasus regions of Russia also occur in Dagestan, such as C. hakkar Kuhmann, 2002, C. morawitzi Noskiewicz, 1936, C. nasutus Smith, 1853, C. penulisus Noskiewicz, 1936, C. rubellus Noskiewicz, 1936, C. subnitens Noskiewicz, 1936, or C. warnckeii Kuhmann, 2002.

Additionally, a new lectotype is designated here for Colletes caspicus Morawitz, 1874 to avoid any confusion about the status and diagnosis of type specimens.

Material and methods

The results presented in this paper are based on 162 specimens mainly collected in 2017–2018 in various localities of Dagestan. We have used the following abbreviations for collectors:

- MM – M.V. Mokrousov;
- MP – M.Yu. Proshchalykin;
- YA – Yu.V. Astafurova;
- VL – V.M. Loktionov;

and for collections in which specimens are deposited:

- FSCV – Federal Scientific Center of the East Asia Terrestrial Biodiversity of the Far Eastern Branch of the Russian Academy of Sciences (Vladivostok, Russia);
- OLBL – Biologizezentrum of the Oberösterreichische Landesmuseum (Linz, Austria);
- RCMK – Research collection of M. Kuhmann (Kiel, Germany);
- ZISP – Zoological Institute of the Russian Academy of Sciences (St Petersburg, Russia).

The definition of species groups in Colletes follows Noskiewicz [1936] and Kuhmann et al. [2009]. Hard brackets are used when information is added to specimen label information (e.g., geographical coordinates). The distribution of species generally follow that of Proshchalykin [2017a, b] and Proshchalykin and Kuhmann [2018]. New distribution records are marked with an asterisk *.

**Colletes nigricans group**

Colletes eous Morice, 1904

**Colletes eous Morice, 1904:** 43–44. ♀, ♂ (syntypes: ♀♀, ♂♂, Helendendorf, Azerbaijan).

**Material.** 1♂ (ZISP), 3 km NW Primorsky, Samur Reserve, 41°52′00″N / 48°33′23″E, 6.06.2017 (MM); ♂♂ (FSCV, ZISP), 20 km W Makhchakala, Barkhan Sarykum, 43°30′N / 47°14′13″E, 23–24, 26.06.2018 (MP, VL, MM, YA); 1♀, 1♂ (FSCV), near Talgi vill., 42°52′35″N / 47°26′24″E, 25.06.2018 (MP, VL, MM); 3♂ (FSCV, ZISP), 6 km NW Rutul, near Kufa vill., 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM, YA).

**Distribution.** Russia (North Caucasus, including Dagestan*), European part, Crimea*; North Africa, Europe, Georgia, Azerbaijan, Turkey, Lebanon, Iran, Central Asia, India.

**Colletes carinatus group**

Colletes carinatus Radoszkowski, 1891

**Colletes carinatus Radoszkowski, 1891:** 258–259. ♀, ♂ (lectotype: ♀♀, designated by Proshchalykin, 2017a: 21, Ashkhabad, Turkmenistan).

**Material.** 2♀ (FSCV, RCMK), near Talgi vill., 42°52′35″N / 47°26′24″E, 25.06.2018 (MP, VL, MM, YA).

**Distribution.** Russia (North Caucasus*, Crimea*); Europe, Caucasus, Central Asia.

**Colletes hylaeiformis group**

Colletes hylaeiformis Eversmann, 1852

**Colletes hylaeiformis Eversmann, 1852:** 45, ♀, ♂ (lectotype: ♀♀, designated by Proshchalykin, 2017a: 32, Lower Volga region, Russia); Kuhmann, Proshchalykin, 2014: 208 (30 km SE Makhchakala, Manaskent).

**Material.** 1♀ (RCMK), Derbent, 42°55′44″N / 48°17′17″E, 28–29.06.2018 (MP, VL, MM); 1♀, 1♂, 3 km NW Primorsky, Samur Reserve, 41°52′00″N / 48°33′23″E, 3.07.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, including Dagestan*), European part, Crimea*; Europe, Georgia, Azerbaijan, Kazakhstan, Uzbekistan, Tajikistan.

**Colletes caspicus group**

Colletes aniceps Radoszkowski, 1891

**Colletes aniceps Radoszkowski, 1891:** 256. ♀, ♂ (lectotype: ♀♀, designated by Proshchalykin, 2017a: 17, “Kiris”, Atyrau Region, Kazakhstan); Kuhmann, Proshchalykin, 2016: 370 (9 km SSE Kochubei; 12 km SSW Kizlyar).

**Distribution.** Russia (Dagestan); Turkey, Central Asia, Iran, Afghanistan, Pakistan, China.

**Colletes caspicus Morawitz, 1874**

**Colletes caspicus Morawitz, 1874:** 174–175, ♀, ♂ (lectotype: ♀♀ (OLBL), designated here, “Derbent” (Republic of Dagestan, Russia), “caspicus ♀ E. Mor.” (handwritten by E. Morawitz), “Colletes caspicus Mor., det. Dr. Warncke”, “Pollenprobe-Nr., 1017, M. Kuhmann 2004”, “Lectotypus, Colletes caspicus Morawitz, 1874, design. Proshchalykin & Kuhmann, 2019” (red label).
Remark. In an earlier paper [Proshchalykin, Kuhlmann, 2015b: 544] we erroneously designated a lectotype of *C. caspicus*. The species was described based on specimens collected in Derbent, a town in southern Dagestan. There was only a single female of *C. caspicus* in ZISP bearing a handwritten label by F. Morawitz that was collected in Fan (“Фанъ”). We assumed that this meant a place in or near Derbent. However, it turned out that Fan was a river in Tajikistan and that the label “12” meant the date of collection of this specimen (June 12, 1870) during the A. Fedchenko expedition to Turkestan. The actual collecting site of this specimen was Peti village at Fan River, 39°20′N / 68°30′E. Thus, the specimen designated by us was not a syntype and hence the lectotype designation was not valid according to International Code of Zoological Nomenclature [1999] article 74.2.

In the Warncke collection at the OLBL, we now found a single female *C. caspicus* with handwritten labels by F. Morawitz “Derbent.” and “*caspicus* ♀, F. Mor.” that represents a genuine syntype and is here designated as the lectotype instead.

**Distribution.** Russia (North Caucasus, European part, Crimea, Urals, Siberia); Europe, Georgia, Azerbaijan, Central Asia, Iran, China.

**Colletes maidli** Noskiewicz, 1936

*Colletes maidli* Noskiewicz, 1936: 166–168, ♀, ♂ (syntypes: 1♂, 2♀, Italy, Spain, Syria, Azerbaijan).

**Material.** 2♂, 11♀ (FSCV/ZISP), 13 km NE Kochubei, 44°26′35″N / 46°41′31″E, 18.06.2018 (MP, VL, MM, YA); 4♀ (FSCV), 8 km SE Staroterevnevo village, 43°47′34″N / 47°31′39″E, 19.06.2018 (MP, VL, MM); 3♂ (FSCV), 3 km SW Novoterevnevo village, 43°59′44″N / 47°19′35″E, 20.06.2018 (MP, VL, MM); 3♀ (FSCV), 22 km SW Terekli-Mekteb, 44°23′35″N / 45°38′36″E, 21.06.2018 (MP, VL, MM); 1♂, 1♂ (FSCV), 20 km W Makhackhala, Barkhan Sarykum, 43°30′36″N / 47°14′13″E, 23–24.06.2018 (MP, VL, MM); 1♂, 1♂ (FSCV), near Talgi village, 42°23′35″N / 47°26′24″E, 25.06.2018 (MP, VL, MM); 2♂ (FSCV), 6 km SE Novokayakent, 42°21′29″N / 48°02′54″E, 27.06.2018 (MP, VL, MM); 1♂ (FSCV), Derbent, 42°55′44″N / 48°17′17″E, 26–29.06.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, including Dagestan*), European part, Crimea, Ukraine, Central Asia, Kazakhstan, China.

**Colletes similis** Schenck, 1853

*Colletes similis* Schenck, 1853: 172, ♀ (syntypes: ♀, Germany); Kuhlmann, Proshchalykin, 2014: 217 (Sovetskoe, Avarskoe Koisu River).

**Distribution.** Russia (North Caucasus, European part, Crimea, Ukraine, Central Asia, Kazakhstan, Turkey, Syria, Jordan, Iran, Pakistan, Central Asia, China.

**Colletes tuberculatus** Morawitz, 1893

*Colletes tuberculatus* Morawitz, 1893: 80–81, ♀, ♂ (lectotype: ♂, designated by Proshchalykin, Kuhlmann, 2015b: 550, Jagnob, Varsaut, Tajikistan).

**Material.** 1♂ (FSCV), 20 km W Makhakhala, Barkhan Sarykum, 43°36′06″N / 47°14′13″E, 23–24.06.2018 (MP, VL, MM); 1♂, 1♂ (FSCV), 6 km SW Gubden village, 45°38′20″N / 47°29′50″E, 25.06.2018 (MP, VL, MM); 2♂ (FSCV), Derbent, 42°54′54″N / 47°17′17″E, 28–29.06.2018 (MP, VL, MM); 1♂, 1♂ (FSCV), 6 km NW Rutul, near Kefa village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus*, European part, Crimea, North Africa, Europe, Georgia, Armenia, Turkey, Jordan, Iran, Pakistan, Central Asia.

**Colletes fodiens** group

**Colletes edentulus** Noskiewicz, 1936

*Colletes edentulus* Noskiewicz, 1936: 329–330, ♀ (holotype: ♂, Arazest, Armenia).

**Material.** 2♂ (FSCV), 6 km NW Rutul, near Kefa village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM).

**Distribution.** Russia (Dagestan*); Caucasus, Turkey, Turkmenistan.

**Colletes fodiens** Fourcroy, 1785

*Apis fodiens* Fourcroy, 1785: 444, ♀ (syntypes: ♀, northern France).

**Material.** 4♂ (FSCV), 6 km NW Rutul, near Kefa village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, including Dagestan*, European part, Iran, Central Asia, China).

**Colletes similaris** Noskiewicz, 1936

*Colletes similaris* Noskiewicz, 1936: 35, ♀ (lectotype: ♀, designated by Proshchalykin, Kuhlmann, 2015b: 540, Daulek, Dagestan).

**Material.** 3♀, 2♂ (ZISP), Aleksandr Nevsky station, Kizlyar (43°51′N / 46°43′E), 11.06.1927 (Olsuf’ev); 2♀ (ZISP), 3 km NW Primorsky, Samur Reserve, 41°52′00″N / 48°33′23″E, 6.06.2017 (MM); 1♂ (FSCV), 23 km N Kochubei, 44°36′04″N / 45°34′52″E, 17.06.2018 (MP, VL, MM); 2♂, 7♀ (FSCV), 13 km NE Kochubei, 44°26′35″N / 46°41′31″E, 18.06.2018 (MP, VL, MM); 5♂ (FSCV), Kochubei, 44°23′55″N / 46°32′29″E, 18.06.2018 (MP, VL, MM); 1♀ (FSCV), 22 km SW Terekli-Mekteb, 44°23′35″N / 45°38′56″E, 21.06.2018 (MP, VL, MM); 1♂ (FSCV); 6 km SE Novokayakent, 42°21′29″N / 48°02′54″E, 27.06.2018 (MP, VL, MM); 3♀ (FSCV), 10 km W Agloba, Kamyshchai River valley, 41°54′29″N / 48°13′50″E, 29.06.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, European part); Azerbaijan, Central Asia, Kazakhstan, China, Mongolia.

**Colletes similis** Schenck, 1853

*Colletes similis* Schenck, 1853: 172, ♀ (syntypes: ♀, Germany); Kuhlmann, Proshchalykin, 2014: 217 (Sovetskoe, Avarskoe Koisu River).

**Distribution.** Russia (North Caucasus, European part, Crimea, Central Asia, China).

**Colletes mlokossewiczi** group

**Colletes mlokossewiczianus** Proshchalykin, 2014

*Colletes mlokossewiczianus* Proshchalykin, 2014: 220 (Sovetskoe, Avarskoe Koisu River).

**Colletes mixtus** group

*Colletes mixtus* Friese, 1913

*Colletes.mixtus* Friese, 1913: 59, ♀, ♂ (lectotype: ♂, designated by Proshchalykin, 2017a: 35, Mondy, Republic of Buryatia, Russia); Kuhlmann, Proshchalykin, 2014: 213 (Aleskandrov-Nevkoe; Krainovka; between the mouths of Sulak and Terek rivers).
Noskiewicz, 1936 (nom. praeocc., nec Eversmann, 1852: 46, ♂, ♀; Morawitz, 1888: 242–243, ♂♀; Morawitz, 1874: 174 (Derbent); Georgia, Turkey, Central Asia.

**Colletes clypears group**

Colletes asianicus Kuhlmann, 1999

Colletes grisescens Noskiewicz, 1936 (nom. praeocc., nec Cockerell, 1930: 4), 442–444, ♂ (syntypes: 4♂, Erdschias Dag [Erciyes Dag], Turkey).

**Colletes asiaticus** Kuhlmann, 1999: 73 (replacement name for Colletes grisescens Noskiewicz, 1936).

**Material.** 6♂, 6♀ (FSCV, ZISP), 6 km NW Rutul, near Kuba village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM, YA).

**Distribution.** Russia (North Caucasus*, European part, Crimea, Urals); Europe, Georgia, Azerbaijan, Turkey, Central Asia.

Colletes clypears group

Colletes clypears Kuhlmann, 1999

Colletes clypears clypears Kuhlmann, 1999: 73 (replacement name for Colletes grisescens Noskiewicz, 1936).

**Material.** 6♂, 6♀ (FSCV, ZISP), 6 km NW Rutul, near Kuba village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM, YA).

**Distribution.** Russia (North Caucasus*, European part, Crimea, Urals); Europe, Georgia, Azerbaijan, Turkey, Central Asia.

Colletes taietiensis Eversmann, 1852

Colletes taietiensis Eversmann, 1852: 46, ♂♀ (lectotype: ♂♂, designated by Proshchalykin, Astafurova, 2016: 4, Spasskoe, Orenburg Region, Russia).

**Material.** 1♂ (FSCV), 6 km NW Rutul, near Kuba village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, including Dagestan*, European part, Urals, Siberia, Far East); Georgia, Turkey, Iran, Central Asia, India, Mongolia, Japan.

Colletes marginatus group

Colletes chengtehensis Yasumatsu, 1935

Colletes chengtehensis chengtehensis Yasumatsu, 1935: 1–2, 35–36, Plate 1, ♂♀ (holotype: ♂♂, Jehol, Cheng-teh, China); Kuhlmann, Proshchalykin, 2014: 227 (Novobiruyraky, Krainovka).

Colletes pallescens Skhirtladze, 1984: 130 (Adzhi Lake).

**Material.** 1♂ (FSCV), 3 km SW Novoverenechnoe village, 43°39′44″N / 47°19′35″E, 20.06.2018 (MP, VL, MM); 1♂ (FSCV), 20 km W Makhchakala, Bakhurd Sarykum, 43°36′N / 47°14′13″E, 23–24.06.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, European part, Crimea, Urals, Siberia); Europe, Georgia, Azerbaijan, Iran, Central Asia, China, Mongolia.

Colletes heticus Warncke, 1978

Colletes marginatus heticus Warncke, 1978: 358–359, ♂♀ (holotype: ♂♂, Konya, Konya Province, Turkey).

**Material.** 7♂♀ (FSCV), 13 km NE Kochubey, 44°26′35″N / 46°41′31″E, 18.06.2018 (MP, VL, MM); 1♂ (FSCV), 18.06.2018 (MP, VL, MM); 9♂♀ (FSCV), 20 km W Makhchakala, Bakhurd Sarykum, 43°03′36″N / 47°14′13″E, 23–24.06.2018 (MP, VL, MM); 6♂♀ (FSCV, RCMK), near Talgi village, 42°52′35″N / 47°26′24″E, 25.06.2018 (MP, VL, MM, YA).

**Distribution.** Russia (Dagestan*); Romania, Bulgaria, Turkey, Azerbaijan.

Colletes marginatus Smith, 1846

Colletes marginatus Smith, 1846: 1277–1278, ♂♀ (syntypes: 3♂♂, England); Skhirtladze, 1984: 130 (Adzhi Lake).

**Distribution.** Russia (North Caucasus, European part, Urals, Siberia); Europe, Georgia, Turkey, Central Asia.

Colletes succinctus brevigena Kuhlmann, 1996

Colletes succinctus brevigena Kuhlmann, 1996: 480–481, ♂♀ (syntypes: ♂♀, “Balkanhalbinsel, die Inseln des östlichen Mittelmeeres, Kleinasi, Persien, Kaukasus”).

**Material.** 3♂♀ (FSCV, RCMK), near Talgi village, 42°52′35″N / 47°26′24″E, 25.06.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus*, Crimea); Europe, Turkey, Azerbaijan, Iran.

Colletes albomaculatus group

Colletes albomaculatus Lucas, 1849

Halictus albomaculatus Lucas, 1849: 183, ♂♀ (syntypes: ♂♀, Algeria).

Colletes spectabilis Morawitz, 1874: 174 (Derbent); Skhirtladze, 1984: 130 (Derbent).

Colletes albomaculatus: Kuhlmann, Proshchalykin, 2016: 380 (Derbent).

**Material.** 8♂♀ (FSCV), 6 km NW Rutul, near Kuba village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM).

**Distribution.** Russia (North Caucasus, European part, Crimea); North Africa, Europe, Caucasus, Turkey, Syria, Iran, Tajikistan, Kyrgyzstan.

Colletes dorsalis Morawitz, 1888

Colletes dorsalis Morawitz, 1888: 242–243, ♂♀ (holotype: ♂♀, “Turkestan, in valle Zerakschan” [Uzbekistan/Tajikistan]).

**Material.** 1♂♀ (FSCV), 6 km NW Rutul, near Kuba village, 41°33′55″N / 47°21′43″E, 1.07.2018 (MP, VL, MM).

**Distribution.** Russia (Dagestan*); Caucasus, Turkey, Central Asia, Iran.

Colletes uralensis group

Colletes uralensis Noskiewicz, 1936

Colletes uralensis Noskiewicz, 1936: 251–256, ♂♀ (lectotype: ♂♂, designated by Kuhlmann, 2000: 171, “Temir, u. Ural, obl. mog, Daumtschar“ [Kazakhstan]).

**Material.** 1♂♀ (FSCV, RCMK), 20 km W Makhchakala, Bakhurd Sarykum, 43°36′N / 47°14′13″E, 31.05.2017 (MM).

**Distribution.** Russia (Dagestan*); Kazakhstan, Tajikistan, China.

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