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The genus *Hylaeus* Fabricius in Central Asia (Hymenoptera: Apoidea: Colletidae)

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Abstract

All presently available information about bees of the genus *Hylaeus* F. in Central Asia is summarized. Seventy species are currently known from this area. Ten new species are described: *Hylaeus gissariensis* Dathe & Proshchalykin, **sp. nov.** (Tajikistan), *H. karagandicus* Dathe & Proshchalykin, **sp. nov.** (Kazakhstan), *H. kirgisticus* Dathe & Proshchalykin, **sp. nov.** (Kyrgyzstan), *H. klausnitzeri* Dathe & Proshchalykin, **sp. nov.** (Kyrgyzstan), *H. michaelis* Dathe & Proshchalykin, **sp. nov.** (Kyrgyzstan), *H. murgabensis* Dathe & Proshchalykin, **sp. nov.** (Tajikistan), *H. pamirensis* Dathe & Proshchalykin, **sp. nov.** (Tajikistan), *H. petzi* Dathe & Proshchalykin, **sp. nov.** (Tajikistan), *H. piotris* Dathe & Proshchalykin, **sp. nov.** (Uzbekistan, Kyrgyzstan, Turkmenistan, Tajikistan), and *H. rushanicus* Dathe & Proshchalykin, **sp. nov.** (Uzbekistan, Tajikistan). In addition, the male of *H. punctiventris* Morawitz, 1876 is described for the first time.—Twenty species are newly recorded from Central Asia: *Hylaeus alexandrinus* (Warncke, 1992), *H. annulatus* (Linnaeus, 1758), *H. araxanus* (Warncke, 1981), *H. brevicornis* Nylander, 1852, *H. cardioscapus* Cockerell, 1924, *H. dorni* Dathe, 1986, *H. gredleri* Förster, 1871, *H. kozlovi* Dathe & Proshchalykin, 2016, *H. leleji* Proshchalykin & Dathe, 2016, *H. lineolatus* (Schenck, 1861), *H. longimaculus* (Alfken, 1936), *H. mellon* Dathe & Proshchalykin, 2016, *H. meridionalis* Förster, 1871, *H. moricei* (Friese, 1898), *H. nimbatus* Dathe, 1986, *H. paulus* Bridwell, 1919, *H. pesenkoi* Proshchalykin & Dathe, 2016, *H. rugicollis* Morawitz, 1874, *H. stubbei* Dathe, 1986 and *H. tsingtauensis* (Strand, 1915).—New synonymy has been established for *Hylaeus arenarius* Morawitz, 1876 (= *Prosopis cinerea* Warncke, 1992, **syn. nov.**), *Hylaeus ferghanicus* Morawitz, 1876 (= *H. kuhlmanni* Dathe, 2010, **syn. nov.**) and *Hylaeus punctiventris* Morawitz, 1876 (= *H. atrocallocus* Morawitz, 1893, **syn. nov.**). *Hylaeus (Nesoprosopis) alexandrinus* (Warncke, 1992) and *Hylaeus (Prosopis) stellatus* (Warncke, 1992) are introduced as new combinations.—Keys to most species known from Central Asia are provided.

Key words: bees, taxonomy, synonymy, new species, Palaearctic region

1. Introduction

This work is part of a series of joint studies on the *Hylaeus* species of hitherto little-investigated East Palaearctic faunas. After working on material from the Asian part of Russia (Proshchalykin & Dathe 2012), Mongolia (Dathe