

Linzer biol. Beitr.	46/1	795-797	31.7.2014
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New records of the family Leucospidae (Hymenoptera, Chalcidoidea) from Kazakhstan

M. MADL

Abstract: The family Leucospidae is represented by four *Leucospis* species in Kazakhstan. New records are dealt with. *Leucospis biguetina* JURINE 1807 is new to the fauna of Kazakhstan.

Key words: Leucospidae, *Leucospis*, new records, Kazakhstan.

Introduction

Hitherto five species of the family Leucospidae have been recorded from Central Asia (BOUČEK 1974), *Leucospis bifasciata* KLUG 1812, *Leucospis biguetina* JURINE 1807, *Leucospis dorsigera* FABRICIUS 1775, *Leucospis gigas* FABRICIUS 1793 and *Leucospis intermedia* ILLIGER 1807, of which three species (*Leucospis dorsigera*, *Leucospis gigas*, *Leucospis intermedia*) are also known from Kazakhstan (NIKOLS'KAYA 1960).

This paper is based on the material of the Biology Centre of Upper Austrian Museum in Linz (Austria). It contains four species, of which *Leucospis biguetina* JURINE 1807 is new to the fauna of Kazakhstan.

Material

Leucospis biguetina JURINE 1807

Material examined: Tschuy, District Kemin, Tschon-Kemin-Tal rechts, 1370-1800 m (42°41'02"N/75°56'42"E), 1 ♀ 15.-16. 06.2008 leg. H. & R. Rausch.

Distribution: Algeria, Austria, Bosnia-Herzegovina, Croatia (mainland, Krk), Czech Republic, France (mainland, Corsica), Gibraltar, Greece (mainland), Hungary, Iran, Iraq, Israel, Italy (mainland, Sicily), Jordan, Kazakhstan, Montenegro, Morocco, Russia, Serbia, Slovakia, Slovenia, Spain (mainland), Switzerland, Syria, Tajikistan, Turkey, Turkmenistan.

New to the fauna of Kazakhstan. The record from Kazakhstan mentioned in NIKOLS'KAYA (1952: 78) is doubtful, because Kazakhstan is not mentioned in the subsequent paper of the author (1960).

***Leucospis dorsigera* FABRICIUS 1775**

Leucospis dorsigera FABRICIUS 1775: NIKOLS'KAYA 1960: 17 (fig. 17), 32, 195 (figs 121-123), 196 (tax.), 197 (key), 209 (tax., descr. ♂ ♀, fig. 131, biol., Kazakhstan), 211 (figs 133a-e).

Leucospis dorsigera FABRICIUS 1775: BOUČEK 1974: 12 (figs 3, 4), 13 (figs 12-14), 102 (key), 115 (fig. 173), 140 (tax.), 142 (tax., biol., Kazakhstan without locality), 159 (key).

Leucospis dorsigera FABRICIUS 1775: NIKOLS'KAYA 1978: 51-52 (key, Kazakhstan without locality), 52 (figs 5, 6).

Leucospis dorsigera FABRICIUS 1775: NIKOLS'KAYA 1987: 79 (key, figs 24.5, 6, biol., Kazakhstan).

**Leucospis turkestanica* RADOSZKOWSKI 1886: NIKOLS'KAYA 1960: 32, 197 (key), 209 (fig. 132), 211 (tax., descr. ♂ ♀, 134a-e, biol., Kazakhstan).

M a t e r i a l e x a m i n e d : Jalal-Abad District, Ala-Buka, Umgebung Kara-Unkur and Sovet-Sei, 980-1100 m (41°13'48"N/71°23'39"E), 4♂♂ 28.-30.05.2008 leg. E. Hüttinger.

D i s t r i b u t i o n : Afghanistan, Albania, Algeria, Austria, Azerbaijan, Belgium, Bulgaria, Croatia (mainland, Hvar, Krk, Losinj, Mljet, Rab, Susak), Cyprus, Czech Republic, Egypt, France (mainland, Corsica), Georgia, Germany, Greece (mainland, Poros, Rhodes), Hungary, Iran, Iraq, Israel, Italy (mainland, Lampedusa, Sardinia, Sicily), Jordan, Kazakhstan, Lebanon, Luxembourg, Lybia, Macedonia, Malta, Moldova, Montenegro, Morocco, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain (mainland), Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

***Leucospis gigas* FABRICIUS 1793**

Leucospis gigas FABRICIUS 1793: NIKOLS'KAYA 1960a: 15 (fig. 16), 20 (biol.), 22 (biol.), 26 (biol.), 32, 196 (tax.), 197 (key), 204 (tax., descr. ♂ ♀, biol., Kazakhstan), 205 (figs 129a-d).

M a t e r i a l e x a m i n e d : Naryn, District Dzhumgal, Kokomeran-Tal, 6 km NW Aral, 1570-1650 m (41°54'49"N/74°16'07"E), 1♂ 06.-07.06.2008 leg H. & R. Rausch.

D i s t r i b u t i o n : Afghanistan, Albania, Algeria, Armenia, Austria, Bosnia-Herzegovina, China, Croatia (mainland, Brac, Hvar, Krk, Rab, Susak), Egypt, France (mainland, Corsica), Germany, Gibraltar, Greece (mainland, Chios, Corfu, Crete, Kalymnos, Syros), Hungary, Iran, Israel, Italy (mainland, Sardinia, Sicily), Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Lybia, Macedonia, Malta, Montenegro, Morocco, Pakistan, Romania, Russia, Slovakia, Slovenia, Spain (mainland), Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

***Leucospis intermedia* ILLIGER 1807**

Leucospis intermedia ILLIGER 1807: NIKOLS'KAYA 1952: 79 (key, Kazakhstan without locality).

M a t e r i a l e x a m i n e d : Jalal-Abad, District Ala-Buka, Umgebung Kara-Unkur and Sovet-Sei, 980-1100 m (41°13'48"N/71°23'39"E), 1♂ 28.-30.05.2008 leg. H. & R. Rausch – Tschuy, Tal und Fluß Tschon-Kemin, 1800 m (42°41'02"N/75°56'42"E), 1♂ 16.06.2008 leg. E. & J. Hüttinger.

D i s t r i b u t i o n : Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Croatia (mainland, Hvar, Krk), Cyprus, Czech Republic, Egypt, France (mainland, Corsica), Germany, Greece (mainland), Hungary, Iran, Israel, Italy (mainland, Sardinia, Sicily), Jordan, Kazakhstan, Lebanon, Lybia, Malta, Moldova, Morocco, Russia, Slovakia, Spain (mainland), Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

Acknowledgements

I am greatly indebted to Fritz Gusenleitner and Martin Schwarz (Biologie-Zentrum des Oberösterreichischen Landesmuseums in Linz (Austria)) for making available the material and Manula Vizek (Naturhistorisches Museum Wien (Austria)) for her support in many ways. Many thanks to Helena V. Shaverdo (Naturhistorisches Museum Wien (Austria)) for her help in translating papers written in Russian.

Zusammenfassung

Die Familie Leucospidae ist mit vier *Leucospis*-Arten in Kasachstan nachgewiesen. Neue Funddaten werden mitgeteilt. *Leucospis biguetina* JURINE 1807 ist neu für die Fauna Kasachstans.

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Author's addresses:

Michael MADL
2. Zoologische Abteilung
Naturhistorisches Museum
Burgring 7
1010 Wien, Austria
E-mail: michael.madl@nhm-wien.ac.at

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Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Linzer biologische Beiträge](#)

Jahr/Year: 2014

Band/Volume: [0046_1](#)

Autor(en)/Author(s): Madl Michael

Artikel/Article: [New records of the family Leucospidae \(Hymenoptera, Chalcidoidea\) from Kazakhstan 795-797](#)