

A contribution to the knowledge of *Physocephala antiqua* (WIEDEMANN) (Diptera: Conopidae)

[Ein Beitrag zur Kenntnis von *Physocephala antiqua* (WIEDEMANN)
(Diptera: Conopidae)]

by

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Abstract

The geographical distribution of *Physocephala antiqua* (WIEDEMANN, 1830) is reviewed and first records of this species are reported from Cyprus, Greece (Crete), Israel, Jordan, Kyrgyzstan, and Yemen. Issues of identifying *P. antiqua* using morphological characters are discussed. Four new junior synonyms of *P. antiqua* are proposed: *Physocephala furax* BECKER & STEIN, 1913 syn. nov.; *Physocephala albotomentosa* KRÖBER, 1915 syn. nov.; *Physocephala gracilis* KRÖBER, 1915 syn. nov.; and *Physocephala obscurifacies* KRÖBER, 1924 syn. nov. A lectotype is designated for *P. furax* BECKER & STEIN.

Key words

Conopidae, *Physocephala*, Palaearctic Region, Cyprus, Greece, Israel, Jordan, Kyrgyzstan, Yemen, new synonyms, lectotype, new records

Zusammenfassung

Die geografische Verbreitung von *Physocephala antiqua* (WIEDEMANN, 1830) wird überarbeitet und die Art erstmals für Zypern, Griechenland (Kreta), Israel, Jordanien, Kirgisistan und den Jemen gemeldet. Probleme der Bestimmung von *P. antiqua* werden anhand morphologischer Merkmale diskutiert. Vier neue Synonyme von *P. antiqua* werden vorgeschlagen: *Physocephala furax* BECKER & STEIN, 1913 syn. nov., *Physocephala albotomentosa* KRÖBER, 1915 syn. nov., *Physocephala gracilis* KRÖBER, 1915 syn. nov. und *Physocephala obscurifacies* KRÖBER, 1924 syn. nov. Für *P. furax* BECKER & STEIN wird ein Lectotypus designiert.

Stichwörter

Conopidae, *Physocephala*, paläarktische Region, Zypern, Griechenland, Israel, Jordanien, Kirgisistan, Jemen, neue Synonyma, Lectotypus, neue Nachweise

Introduction

Christian SCHMID-EGGER sent me several Conopidae which he had collected in Cyprus, including three specimens of *Physocephala antiqua* (WIEDEMANN, 1830). To my knowledge previous European records of this species have been published only from Italy (RIVISECCHI & SCARAMOZZINO 1995), the “Ural region” (BRUNETTI 1925) and the “Нижнее Поволжье” [= Lower Volga Region] (ZIMINA 2000). These new records afford an occasion to present a diagnosis of this poorly understood species, add new faunistic records and discuss the synonymy.

Abbreviations of collections

The material reported here is from the following collections:

CAS	California Academy of Sciences, San Francisco, USA
CULSP	Czech University of Life Sciences, Prague, Czech Republic
HNHM	Hungarian Natural History Museum, Budapest, Hungary
MNHN	Muséum National d’Histoire Naturelle, Paris, France
NHML	Natural History Museum, London, United Kingdom