New Long-Legged Flies (Diptera: Brachycera: Dolichopodidae) to the Fauna of Bulgaria Collected in the West Rhodopes

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Abstract: Faunistic data are given about 20 species of Dolichopodidae, new to the fauna of Bulgaria and collected in the West Rhodopes. The genera Asyndetus and Sybistroma are recorded herein for the first time to the fauna of Bulgaria, too.

Key words: Diptera, Brachycera, Dolichopodidae, Bulgaria, Rhodopes.

Introduction

Detailed investigations of the fauna of Dolichopodidae in the West Rhodopes have not been made until now. Partial data about species of this family in the West Rhodopes have been reported by Beshovski (1967) and Beshovski and Dzhambazov (2002). Kechev (In press, a, b) announced 6 new species to the fauna of Bulgaria from this region.

Material and Methods

The species have been collected (mainly by sweeping) by the author, and also by Dr. V. Beschovski, Dr. A. Donev, and Dr. P. Boyadziev in the period from 1977 to 2005. The faunistic list contains localities (see the map), altitude, collecting date, UTM-code, number and sex of each specimen examined. The genera new to the fauna of Bulgaria are with an asterisk.

The material is preserved in the collection of the Department of Zoology (University of Plovdiv).