



New species, new records, and distribution of Campodeidae (Diplura) in Anatolia

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Abstract

The campodeid dipluran fauna from Anatolia was studied from samples collected from the Black Sea, southeastern, Aegean, and eastern regions of Turkey. A total of 16 species were collected: *Campodea* s. str. (10 species), *Dicampa* (2), *Eutrichocampa* (2), *Libanocampa* (1), and *Edriocampa* (1). Two new species are described: *Campodea* (*Campodea*) *anae* Sendra & Teruel **n. sp.** from northern Anatolia and *Campodea* (*Campodea*) *sarae* Sendra & Teruel **n. sp.** from Denizli, in southeastern Turkey. These results suggest that additional sampling is needed in other parts of Turkey to adequately characterize the campodeid fauna. The known campodeid biodiversity of Anatolia stands at 23 species, 3 times less than the Iberian peninsula.

Key words: Diplura, Campodeidae, Campodea, Dicampa, Eutrichocampa, Edriocampa, Libanocampa, taxonomy, Turkey

Nouveaux espèces, contribution et distribution à les Campodéidés (Diplura) de l'Anatolie. On examine la faune de diploures campodéidés de l'Anatolie originaire en majorité d'échantillons des régions de la Mer Noire, sud-est, Égée et est de la Turquie. Un total de 16 espèces est cité, comprises dans les genres et sous-genres suivants : *Campodea* s. str. (10 espèces), *Dicampa* (2), *Eutrichocampa* (2), *Libanocampa* (1) y *Edriocampa* (1). Parmi elles, deux nouveaux taxons sont décrits: *Campodea* (*Campodea*) *anae* Sendra & Teruel **n. sp.**, trouvé dans quatre localités du nord de l'Anatolie, et *Campodea* (*Campodea*) *sarae* Sendra & Teruel **n. sp.**, connu exclusivement de Denizli au sud-ouest de la Turquie. On conclut qu'il faut intensifier l'échantillonnage, en particulier dans les régions moins connues de l'Anatolie, On met l'accent sur la courte biodiversité des campodéidés connus jusqu'à présent, un total de 23 espèces, en comparaison à des péninsules comme l'Ibérique, qui triple ce chiffre.

Introduction

The first contribution to the knowledge of Anatolian Peninsula's campodeid diplurans was made only recently by Sendra *et al.* (2006), who pointed out the lack of thorough sampling throughout the different regions of Anatolia. Moreover, the low number of species known up to that point (13) was stressed. This second contribution is an analysis of material from a second entomological excursion in August 2005 with the participation, as in previous years, of several members and collaborators from the Fundación Entomológica Torres Sala/Museu Valencià d'Història Natural (Spain) and Dicle University of Diyarbakir (Turkey). This contribution also includes specimens collected later by staff of Dicle University.

Material and methods

A total of 450 specimens of epigeal campodeid fauna from 45 different edaphic and endogean environment