

## A review of the millipede genus *Dorypetalum* Verhoeff, 1900 (Diplopoda: Callipodida: Dorypetalidae)

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### Abstract

A new millipede species, *Dorypetalum helenae* (Callipodida: Dorypetalidae), is described from the Kuru Dağ Mts, European Turkey. The species is morphologically close to *D. bulgaricum* from the Rhodope Mts, SE Bulgaria but is well distinguished by the particular, racket-shaped mesal coxosternal process of gonopods. All hitherto described species in the genus are reviewed, and new illustrations are provided for *D. bosniense* and *D. trispiculigerum*. A new key for identification of the species in the genus is made to accommodate the new findings.

**Key words:** millipedes, Diplopoda, Callipodida, *Dorypetalum*, *Dorypetalum helenae* sp. n., Turkey

### Introduction

The millipede family Dorypetalidae Verhoeff, 1900 is currently known to comprise two subfamilies — Dorypetalinae Verhoeff, 1900, including only the genus *Dorypetalum* with a handful of species in the Balkan Peninsula, Carpathians and Asia Minor, and Cyphocallipodinae Verhoeff, including three monotypic genera — *Cyphocallipus* Verhoeff, 1909, *Dorycallipus* Verhoeff, 1909 and *Lusitanipus* Mauriès 1978, known from the Iberian Peninsula (Spain and Portugal).

Presently, six species are known in the genus *Dorypetalum*, i.e., *degenerans* (Latzel, 1884), *bosniense* Verhoeff, 1897, *trispiculigerum* Verhoeff, 1900, *bosporanum* Hoffman & Lohmander, 1964, *marmaratum* Hoffman & Lohmander, 1964 and *bulgaricum* Strasser, 1966. The genus range covers Romania, Serbia (incl. Kosovo), Bosnia and Herzegovina, Republic of Macedonia, Albania, Greece, Bulgaria, Turkey and Hungary (Strasser 1974, Enghoff & Kime 2004). Most likely the existence of the genus in the last country is due to a human introduction (Korsós 1994) (see Fig. 1). While some species of *Dorypetalum*