

**Second contribution to the knowledge of the  
springtail fauna of the White Mountains  
(Lefká Óri) in West Crete**  
(Insecta: Collembola)

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**Abstract:** This paper describes the results of Collembola collecting in more than 30 sites of the White Mountains. The collections are mostly based on moss and upper soil-layer samples. Besides widespread species, some rare species were found (e.g. *Anurophorus coiffaiti* and *Cryptopygus triglenus*). 12 species are new for Crete.

**Key words:** Collembola, species list, mountain region, Crete

### **Introduction**

The "Species list of the fauna Europaea" lists 76 springtail species or subspecies for the island Crete (last update March 2005, [http://faunaeur.org/species\\_list.php](http://faunaeur.org/species_list.php)). These data are mainly based on ELLIS (1976). He collected within the Iráklion region (sampling list with 50 sites). A recent study of the collembolan fauna from Crete was published by SCHULZ & LYMBERAKIS (2006). They recorded 22 Collembola species (pitfall trap samples from 4 sites near the mountain village Anopolis, western Crete). The present contribution continues the study of collembolan fauna of Crete, especially of its mountain regions.

### **Material and methods**

Collembolan sampling was carried out between 5-24 and 6-9-2004 in nearly 30 different sites. More than 200 samples (mostly moss and litter