

## A new species of the genus *Phyllotreta* Chevrolat (Coleoptera: Chrysomelidae) from southwestern Turkey

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### Abstract

*Phyllotreta ispartaensis* **new species** is described from specimens collected on *Cardaria draba* (L.) (Brassicaceae) in southwest Turkey. This new species is compared with *P. cruralis* Abeille and *P. rapillyi* Doguet. All three species are clearly distinguishable by differences in their antennae and aedeagi. Morphometric measurements of the new species are given, and the aedeagus is illustrated.

**Key words:** Chrysomelidae, Alticinae, *Phyllotreta*, new species, Turkey

### Introduction

During field studies of flea beetles in Isparta, Burdur and Antalya, in southwestern Turkey, in 2004, a large series (88 specimens) of a uniformly black and apparently undescribed species of *Phyllotreta* were collected by the author. The Palearctic species of *Phyllotreta* were revised by Heikertinger (1941), and recently by Warchalowski (2003). These authors divided *Phyllotreta* species with uniformly black upper side into two groups based on whether they have the central part of the frons punctured. The new taxon is a member of the group having the central part of frons punctured. The characters of the new taxon suggest that it is clearly different from the other known group members.

Ten specimens (five males and five females), including the largest and smallest ones of each sex, were examined morphologically. They were measured for some characters that are important for comparative purposes. Character abbreviations: Lb = body length; Le = elytron length; Lp = pronotum length; La = aedeagus length; Ls = spermatheca length; We = maximum width of elytra at middle; Wp = pronotum width; Le/Lp = relative prothorax size.