



Taxonomic studies of the Balkan *Reicheina* (Coleoptera: Carabidae: Clivinini), with a review of the Albanian species

PETR BULIRSCH¹ & BORISLAV V. GUÉORGUIEV²

¹Milánská 461, CZ-109 00 Praha 111, Czech Republic. E-mail: Petr.bulirsch@danone.com

²National Museum of Natural History, Sofia, 1 Blvd. Tzar Osvoboditel, 1000 Sofia, Bulgaria. E-mail: bobivg@yahoo.com

Abstract

The Albanian species of the subtribe *Reicheina* Jeannel, 1957 are studied. *Dalmatoreicheia maderi* **sp. nov.** (type locality: massif of Maja e Krujë, Eastern Albania) and *Reicheadella smetanai* **sp. nov.** (type locality: vicinity of Liqueni i Butrintit Lake, Southern Albania) are described, illustrated and compared to the related species, and a key to the Albanian *Reicheina* is provided. *Reicheadella bischoffi* (Meschnigg, 1933) is illustrated and re-described, and a lectotype and paralectotype are designated. We provide some remarks on the genital morphology of *Reicheadella corcyrea* (Reitter, 1884). On the basis of adult morphology and paleobiogeography, *Reicheadella* Reitter, 1913 and *Chaetomargoreicheia* Magrini & Bulirsch, 2005 **stat. nov.** are considered distinct lineages and raised to the generic level.

Key words: Coleoptera, Carabidae, *Dalmatoreicheia*, *Reicheadella*, *Chaetomargoreicheia*, taxonomy, new species, lectotype designation, Palearctic Region, Balkan Peninsula, Albania

Introduction

The Balkan representatives of the subtribe *Reicheina* have been classified in four genera and eleven species have been described to date. All species are endemic to the Balkan Peninsula (Reitter 1884; Jeannel 1957; Casale *et al.* 1998; Balkenohl 2003; Giachino & Vailati 2004; Magrini & Bulirsch 2005). The genus *Reicheadella* Reitter, 1913 is represented by eight species, six of them belonging to the nominotypical subgenus and two to the subgenus *Chaetomargoreicheia* Magrini & Bulirsch, 2005. The genera *Dalmatoreicheia* Magrini & Bulirsch, 2005, *Reicheidius* Jeannel, 1957 and *Spelaeodytes* L. Miller, 1863 are monotypic. Our knowledge of these taxa is still scanty. During the last ten years five new species have been described, and surely more descriptions will follow. Most of the species are strictly endemic, only *Reicheidius frondicola* (Reitter, 1881) is rather widespread on several Adriatic islands and sub-Adriatic continental regions of Croatia, Bosnia & Herzegovina and Montenegro. Only the latter species and *Reicheadella corcyrea* (Reitter, 1884) are represented by several specimens, the other species are known either only from types or very limited series. Only *Reicheadella bischoffi* (Meschnigg, 1933) has so far been recorded from Albania (Meschnigg 1933).

The main purpose of this paper is to describe two new species, each represented by a single specimen (see also Guéorguiev 2007), to redescribe *R. bischoffi* and to discuss the systematic position of some phyletic lineages of the Balkan *Reicheina*.

Material and methods

Dry specimens were boiled in water, the caudal part of the abdomen was removed, and the extracted genitalia