



**First record of *Autocrates vitalisi* Vuillet, 1912
from the island of Borneo
(Coleoptera, Trictenotomidae)**

Alain DRUMONT¹ & Dmitry TELNOV²

¹ Royal Belgian Institute of Natural Sciences, Entomology Department, rue Vautier 29, B-1000 Bruxelles, Belgium
(e-mail : alain.drumont@naturalsciences.be).

² Rīgas rajons, Stopiņu novads, Dzidriņas, Dārza iela 10, LV-2130, Latvia (e-mail: anthicus@gmail.com).

Abstract

The trictenotomid beetle *Autocrates vitalisi* Vuillet, 1912 is reported for the first time from the island of Borneo, where the species occurs in the Sarawak and Sabah states of East Malaysia.

Keywords : Coleoptera, Trictenotomidae, *Autocrates vitalisi*, Borneo island, East Malaysia, Sarawak, Sabah, new record.

Résumé

L'espèce *Autocrates vitalisi* Vuillet, 1912 appartenant à la famille des Trictenotomidae est signalée pour la première fois de l'île de Bornéo où elle est présente dans les états du Sarawak et du Sabah qui appartiennent à la partie est de la Malaisie.

Introduction

The genus *Autocrates* Thomson, 1860 is one of the two genera composing the family Trictenotomidae, and is currently represented by four species in the World fauna (DRUMONT, 2006 ; LIN *et al.*, 2007 ; DRUMONT & LI, 2008 ; TELNOV & LEE, 2008), namely

A. aeneus (Westwood, 1846) (type species of the genus)

A. oberthueri Vuillet, 1910

A. maqueti Drumont, 2006

A. vitalisi Vuillet, 1912

Of these species, *Autocrates vitalisi* Vuillet exhibits the widest geographic distribution, being distributed in the Oriental and South-eastern part of the Palaearctic regions (LIN *et al.*, 2007 ; DRUMONT & LI, 2008 ; TELNOV & LEE, 2008). The history of the progressive discovery of *A. vitalisi* in the different countries making up its distribution

area has been recently reported in this journal by DRUMONT & LI (2008).

Until now the distribution of *A. vitalisi* has been limited to the continental parts of the Asian mainland, where the species mostly inhabits the mountainous zones of this area. The only exception was Hainan island, on which the occurrence of the species was reported by LIN *et al.* (2007).

In the present paper, the first record of *Autocrates vitalisi* Vuillet on the island of Borneo is presented based on two specimens collected in Sarawak and Sabah states of East Malaysia.

***Autocrates vitalisi* Vuillet, 1912**

Materials and method

Material studied :

East Malaysia: 1♂, total body length including mandibles 63 mm, Sabah, Mts Trus Madi, V.1999, leg. local collectors in coll. Alain Drumont (Bruxelles, Belgium) ; 1♀, total body

length including mandibles 56 mm, Sarawak, River Rajang valley near Kapit (Fort Sylvia environs), 2003, leg. local collectors in coll. Dmitry Telnov (Rīga, Latvia).

Discussion

Autocrates vitalisi Vuillet, 1912 is recorded here for the first time from the island of Borneo, where the current species occurs in both states of East Malaysia - Sarawak & Sabah. This species has already been reported from the Cameron Highlands in South of peninsular (Western) Malaysia by DE LISLE (1973), who described a new species *A. waldenfelsi* de Lisle from this locality and population. *A. waldenfelsi* was subsequently recognized as junior synonym to *A. vitalisi* by DESCARPENTRIES & VILLIERS (1973).

Based on this new record and the collecting localities, we would expect that *A. vitalisi* should also occur in Kalimantan, Indonesian part of Borneo, and most probably in the sultanate of Brunei, too.

The occurrence of *A. vitalisi* in Borneo represents the first record for *A. vitalisi* outside of the continental part of the Oriental region, where the species previously considered to be restricted. These new records considerably extends the geographic area of this species to eastwards in the southern part of its distribution range.

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