

***Atheta (Mocyta) lucida* (DODERO, 1922), the first record for Central Europe (Coleoptera, Staphylinidae)**

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Abstract

In southern Germany the first author had found two *Mocyta*-specimens in 2010. MARC TRONQUET identified them as *Acrotona (Mocyta) lucida* DODERO, 1922. This is the first record for Central Europe.

Zusammenfassung

Zwei *Mocyta*-Exemplare aus dem Bienwald westlich Karlsruhe, leg. RENNER 2010, wurden von MARC TRONQUET zu *Acrotona (Mocyta) lucida* DODERO, 1922 gestellt. Die Art ist bisher aus Mitteleuropa unbekannt.

Key words

Coleoptera, Staphylinidae, *Acrotona*, *Mocyta*, Central Europe

Introduction

In the Central European fauna more than 200 species of staphylinidae belong to the large genus *Atheta* (BENICK & LOHSE 1974). There are several tendencies to split this genus. The subgenus *Acrotona* was changed to a separate genus (MUONA 1987). In the Catalogue of Palaearctic Coleoptera *Mocyta* is regarded as a subgenus of *Acrotona* (LÖBL & SMETANA 2004), but according to ASSING & SCHÜLKE (2006) the *Mocyta*-species remain in the genus *Atheta*.

Material and methods

During several years FRANK KÖHLER had managed a research program in the “Bienwald”, a forest region west of Karlsruhe, southern Germany. There the first author had collected beetles from 2008 to 2010, more than ten times by trawling aerial plankton by the mean of a car equipped with a net on the top. This method (in German “Autokescher”) is known for interesting results in the faunistic research (KÖHLER 1994, RENNER 2005). On 05.06.2010 about 250 species of beetles were found in the net after driving near the village of Schaidt. Determination was done with FREUDE/HARDE/LOHSE “Die Käfer Mitteleuropas” and its supplements.

Results

The first author failed in identification of two specimens belonging to *Mocyta*, one male and one female. After extraction and examination of the genitals he could exclude all Central European species. JÜRGEN VOGEL detected identity with a specimen from the Pyrénées-Orientales, but he did not know the name. The specimen was found by the second author MARC TRONQUET, and to him the German specimens were sent now.

This remains an enigma here, and the second author consulted his eminent colleague LÁSZLÓ ÁDÁM. Although the species is unknown to him, he suggested to check if it would be *Atheta lucida* DODERO. This was done by comparing with the holotype. This one was found at Baiso near Modena in northern Italy and is deposited in the museum of Genoa. In the DODERO collection, in addition to the holotype, there is a couple from France: Pyrénées-Atlantiques (Saint-Jean-Pied-de-Port).

Now *Atheta lucida* (DODERO, 1922) is known from northern Italy, French Pyrenees (Pyrénées-Atlantiques and Pyrénées-Orientales), and southern Germany.

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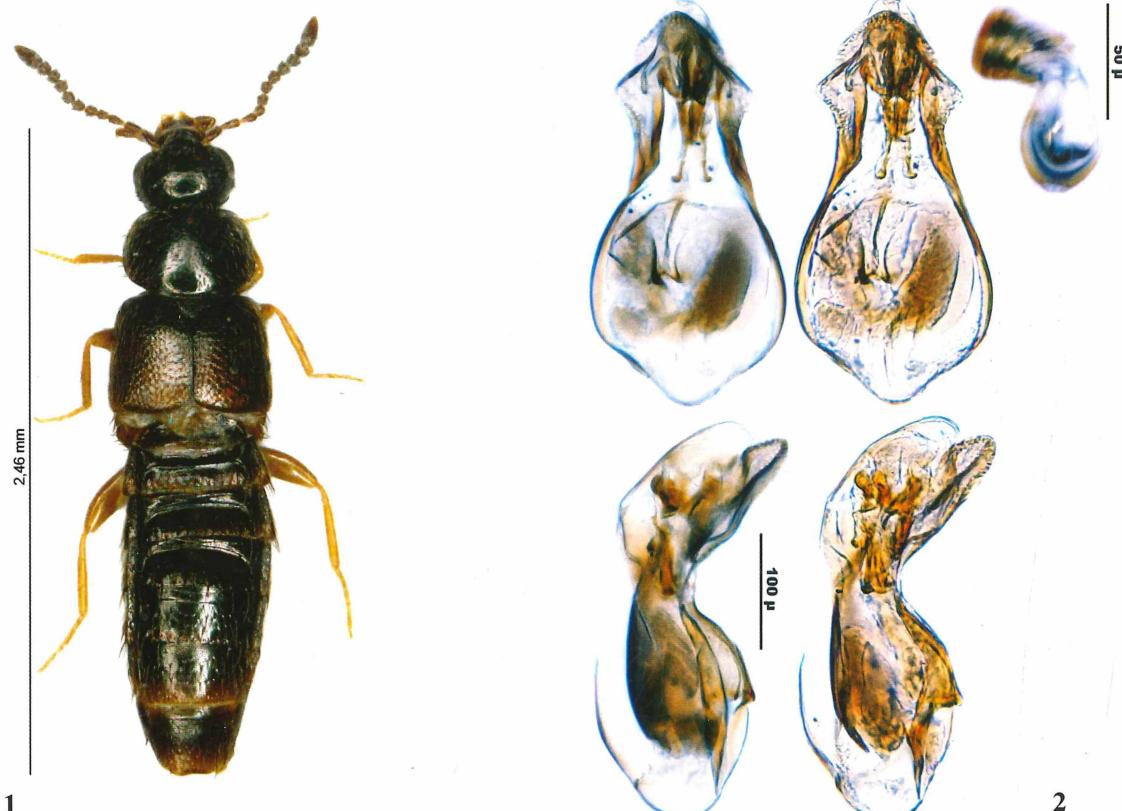


Fig. 1: *Atheta lucida*, female. Foto: MARC TRONQUET. Fig. 2: *Atheta lucida*, aedeagus and spermatheca. Foto: MARC TRONQUET.

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