

Two new species of the genus *Bubastia* Emeljanov, 1975 from Turkey

(Hemiptera: Fulgoromorpha: Issidae)

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Abstract. Two new species of the planthopper genus *Bubastia* Emeljanov, 1975 are described: *B. (B.) amasica* sp. n. and *B. (B.) kelkitica* sp. n. Both are closely related to *Bubastia (B.) thessalica* Dlabola, 1980. Keys for species identification are given. *Bubastia (B.) ephialtes* (Linnavuori, 1971) is recorded from new localities in Turkey.

Key words. Issidae, *Bubastia*, new species, Turkey.

Introduction

The planthopper genus *Bubastia* Emeljanov, 1975 comprises 28 species in four subgenera. We describe here two new species. This brings to five the number of species known from Turkey, of which *Bubastia (Capititudes) jatagana* Dlabola, 1980 and *Bubastia (Logvinenkoana) pictifrons* (Melichar, 1906) are known only from their type localities and are endemic to Turkey. The species *Bubastia (Bubastia) ephialtes* (Linnavuori, 1971) is recorded from new localities in Turkey that are additional to the type localities.

Material and methods

Specimens were swept from the steppe vegetation in Kale-Amasya, Alucra-Giresun and Köse-Gümüşhane (Turkey). The specimens were prepared according to the standard methods. The diagnostic characteristics were studied and compared with the descriptions, redescriptions and figures of all species of the genus *Bubastia* given in DLABOLA (1958, 1979, 1980, 1982, 1984), GNEZDILOV (2002b, 2003, 2004), LINDBERG (1948), LINNAVUORI (1965, 1971) and LOGVINENKO (1975, 1977). The terminology of the male and female genitalia was taken from GNEZDILOV (2002a, 2003).

Results

Bubastia (Bubastia) kelkitica sp. n.

Material: Holotype: 1 ♂, Fındıklıbeli Geçidi, Alucra, Giresun, 1700 m, 19.v.2006, leg. A. DURSUN. – Paratypes: 6 ♂, 4 ♀ as holotype plus 1 ♀, Köse, Övünce, Gümüşhane province, 1490 m, 19.vi.2006, leg. A. DURSUN. Material deposited in the collection of Ondokuz Mayıs University, Faculty of Science and Arts, Department of Biology, Samsun, Turkey.

Description: Vertex concave, 3.1-3.3 times as wide as long, with widely convex anterior margin and median line. Pronotum with anterior margin straight medially. Vertex and