

# On some Drymadusini from the Middle East

(Orthoptera: Tettigoniidae)

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**Abstract.** A new record of *Scotodrymadusa syriaca* (Pictet, 1888) in Lebanon is given and the differences between this species and other Lebanese species, including, *Scotodrymadusa ebneri* Ramme, 1939, are pointed out. The previously unknown female of the Iranian *Scotodrymadusa gedrosica* Bey-Bienko, 1958, is described and suggests a close relationship of the species with *Scotodrymadusa persica* (Chopard, 1921). Finally, details are provided on the sexual appendages of the male of *Exodrymadusa inornata* (Uvarov, 1936) and its morphological variability.

**Key words.** Systematics, taxonomy, Lebanon, Iran, Cyprus, Middle East.

We had the opportunity of bringing together some specimens of Tettigoniidae collected in Lebanon, Iran and Cyprus, preserved in various museums and collections, and we report here on the results of this study.

The work is based on the study of specimens from the following institutions and collections: Museo Regionale di Scienze Naturali, Turin, Italy (MRSNT); Muséum National d'Histoire Naturelle, Geneva, Switzerland (MHNG); The Natural History Museum, London, U.K. (BMNH); Naturhistorisches Museum, Vienna, Austria (NMW); Staatliches Museum für Naturkunde, Stuttgart, Germany (SMNS); Coll. Paolo Fontana, Isola Vicentina (CF), Italy. Stereoscope photos were taken with a Nikon Coolpix 4500 digital camera, mounted on a Stereomicroscope Optech EMX-210-2. Measurements on mounted specimens were taken using a digital calliper (accurate to 0.01 mm).

## *Scotodrymadusa syriaca* (Pictet, 1888)

Material. Lebanon, Tripoli (holotype ♀ examined by P. SCHWENDINGER) (MHNG); Aley (33°49'N, 35°37'E), vi.1893, E. FESTA (1 ♂, 1 ♀) (MRSNT); Baskinta (33°57'N, 35°47'E), xi.1955 (1 ♀) (CF); Amioun (= Amoune, Ash Shamal) (34°18'N, 35°49'E), 12.vii.1944, H. B. COTT (1 ♀) (BMNH).

## *Scotodrymadusa ebneri* Ramme, 1939

Material. Lebanon, Bcharré (34°15'N, 36°01'E), 5-11.viii.1928, R. EBNER (holotype ♂, allotype ♀) (NMW).

According to ÇIPLAK & HELLER (2005), the genus *Scotodrymadusa* Ramme includes 11 species, as follows: *S. maculata* (Ebner) and *S. ozkani* Erman & Salman in Turkey; *S. syriaca* (Pictet) in Lebanon, Syria to Turkey [*S. anatolica* (Werner), *S. rammei* (Uvarov), *S. turcica* Ramme, *S. kozana* Ramme, *S. amani* Ramme were synonymised with *S. syriaca*]; *S. satunini* (Uvarov) in Armenia and Iran; *S. persica* (Chopard), *S. persa* (Uvarov), *S. cincta*