



## On the Sicilian species of *Pseudomeira* Stierlin (Coleoptera: Curculionidae: Entiminae)

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### Abstract

Six new species of the weevil genus *Pseudomeira* are described from Sicily: *Pseudomeira erinacea* sp. n., *Pseudomeira ficuzzensis* sp. n., *Pseudomeira himerensis* sp. n., *Pseudomeira natalii* sp. n., *Pseudomeira petrensis* sp. n., *Pseudomeira trinacriae* sp. n.. A neotype of *Pseudomeira reitteri* (Vitale, 1903) and lectotype of *Pseudomeira obscura* (Solari & Solari, 1907) are designated. *Pseudomeira flavipennis sicula* (Seidlitz, 1865), incorrectly indicated from Sicily is newly listed under synonymy of *Pseudomeira flavipennis* (Jacquelin du Val, 1852). *Pseudomeira obscurella* Bellò & Pierotti, 1994, is newly recorded for Sicily. Distribution and ecology are provided for each species as well as keys for identification, map and figures.

### Riassunto

Vengono descritte sei nuove specie di *Pseudomeira* di Sicilia: *Pseudomeira erinacea* sp. n., *Pseudomeira ficuzzensis* sp. n., *Pseudomeira himerensis* sp. n., *Pseudomeira natalii* sp. n., *Pseudomeira petrensis* sp. n., *Pseudomeira trinacriae* sp. n.. Il neotipus di *Pseudomeira reitteri* (Vitale, 1903) ed il lectotipus di *Pseudomeira obscura* (Solari & Solari, 1907) vengono designati e ridescritti. *Pseudomeira flavipennis sicula* (Seidlitz, 1865), indicata per errore di Sicilia, è messa in sinonimia di *Pseudomeira flavipennis* (Jacquelin du Val, 1852). *Pseudomeira obscurella* Bellò & Pierotti, 1994 viene segnalata per la prima volta di Sicilia. Per tutte le specie di *Pseudomeira* di Sicilia vengono fornite informazioni sulla distribuzione e sull'ecologia, una chiave dicotomica per l'identificazione, mappa e foto.

**Key words:** biogeography, Peritelini, Sicily, taxonomy, type designations.

### Introduction

During field surveys conducted by the second author of this paper aiming for a better knowledge of the Sicilian insects (Baviera, 2007; Baviera, 2008; Baviera, 2010; Baviera & Liberti, 2010; Baviera & Magnano, 2010), a special effort was made to collect specimens of Curculionidae, in particular those of the tribe Peritelini of the subfamily Entiminae (Osella et al., 2005). Recent extensive research on the Sicilian species of the genus *Pseudomeira* Stierlin, 1881, one such member of the Peritelini, led to discovery of six new species, in addition to a more complete knowledge of both distribution and ecology of those already known. Moreover, for most of the morphologically separable species, molecular data on COI, COII, 28S were made available as part of a project performing sequence analyses of Peritelini from Sicily (Baviera & Bellò, in preparation).

A taxonomic revision of the species of *Pseudomeira* is carried out in this paper. Six new species are described and previously described species whose diagnoses appeared inadequate have been redescribed in detail. A neotype for *P. reitteri* (Vitale, 1903) and lectotype for *P. obscura* (Solari & Solari, 1907) are designated in order to validate their status. Literature records are limited only to those dealing with Sicilian species. A key to the genera of Peritelini and to the Sicilian *Pseudomeira* is included and is meant to separate only the taxa occurring in Sicily. A checklist of Sicilian *Pseudomeira* is also included.