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## Revision of the genus *Prionotropis* Fieber, 1853 (Orthoptera: Pamphagidae: Thrinchinae)

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### Abstract

The genus *Prionotropis* Fieber, 1853 is revised. It is distributed in scattered areas of the Mediterranean region from Turkey in the East to Spain in the West. Overall, seven species are listed, namely *P. maculinervis* (Stål, 1878) (Turkey; *P. urfensis* Ramme, 1933 is here considered its synonym), *P. willemsorum* n. sp. (Greece, Epirus; previously considered *P. appula*), *P. appula* (O.G. Costa, 1836) (South Italy), *P. hystrix* (Germar, 1817) (Bosnia and Herzegovina, Slovenia, Croatia, North-East Italy; *P. hystrix sontiaca* is here synonymized), *P. rhodanica* Uvarov, 1923 resurrected status (France, Crau, Rhone delta; here considered a valid species), *P. azami* Uvarov, 1923 n. status (France, Var region; here considered a valid species), and *P. flexuosa* (Serville, 1838) (Spain; the ssp. *perezzi* Bolívar, 1921 and *sulphurans* Bolívar, 1921 are here considered its synonyms). A key to species is presented.

**Key words:** Mediterranean area, female micropterism, sexual dimorphism, isolation, new species

### Introduction

Among Thrinchinae, generally widespread in Asia, only *Glyphotmethis* Bei-Bienko, 1951, *Asiotmethis* Uvarov, 1943, *Glyphanus* Fieber, 1853 and *Prionotropis* Fieber, 1853 are present in Europe, but while the first three genera have a restricted distribution in the most eastern parts of Europe (Caucasia, Crimea, European Turkey, Greece and Macedonia: Ünal 2007a, 2007b, Willemse & Willemse 2008), the genus *Prionotropis* covers the entire Mediterranean area including the most western parts (Iberian peninsula). Interestingly, the genus is represented by isolated populations, some of which are recognized as different taxa; their taxonomic status has been debated for over one hundred years. A long series of specimens from different localities and different museums was studied in order to revise the taxonomy of the genus.

### Material and methods

Specimens from the following museums were included in this study:

AİBÜEM	Abant İzzet Baysal Üniversitesi Entomoloji Müzesi, Bolu
AÜZM	Ankara Üniversitesi Zooloji Müzesi, Ankara
BMCP	Bruno Massa Collection, University of Palermo
CBGP	Centre de Biologie pour la Gestion des Populations, Montpellier
MfN	Museum für Naturkunde, Berlin
MNCN	Museo Nacional de Ciencias Naturales, Madrid
MNHN	Museum National d'Histoire Naturelle, Paris
MSNG	Museo Civico di Storia Naturale 'G.Doria', Genoa