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**MYRMELEON BORE (TJEDER, 1941) NEW TO SPAIN (NEUROPTERA
MYRMELEONTIDAE)**

**MYRMELEON BORE (TJEDER, 1941) UN NUOVO MIRMELEONTIDE PER LA
SPAGNA (NEUROPTERA MYRMELEONTIDAE)**

ABSTRACT

Studying the collection of *Neuroptera* of the Zoological Museum in the University of Rome, some specimens collected from Iberian peninsula were found. Of the 8 species found, *Myrmeleon bore* (Tjeder, 1941) resulted to be new for Iberian peninsula.

INTRODUCTION AND RESULTS

During the revision of the material of the Zoological Museum in the University of Rome (LETARDI, 1991; LETARDI and PANTALEONI, 1996), I found a small number of specimens collected from Iberian peninsula. A total of 8 species (1 *Hemerobiidae*, 2 *Myrmeleontidae* and 5 *Ascalaphidae*) were found:

Megalomus Rambur, 1842

) *tineoides* Rambur, 1842

Myrmeleon Linnaeus, 1767

2) *formicarius* Linnaeus, 1767

3) *bore* (Tjeder, 1941)

Libelloides Tjeder, 1972

4) *cocajus* (Denis & Schiffermüller, 1775)

5) *baeticus* (Rambur, 1842)

6) *ictericus ictericus* (Charpentier, 1825)

7) *hispanicus* (Rambur, 1842)

8) *longicornis* (Linnaeus, 1764)

COMMENTS

All these species were known for Iberian peninsula, except for *Myrmeleon bore*.

M. bore (Tjeder 1941) was described only about half century ago, although it is widely spread and locally common and it has a medium-large size (forewing of imago about 3 cm; medium length of third larval stage about 1 cm). It is easy to distinguish specimens of this taxon from other more common European *Myrmeleon* species, nevertheless it is very probably that *M. bore* was in past confused with other taxa, principally with *Myrmeleon formicarius* Linnaeus, 1767 (KUWAYAMA, 1961). This species is mainly found in sandy areas; in Central Europe is associated with *Euroleon nostras*

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(Fourcroy 1785) and *Chrysopa abbreviata* Curtis, 1834 (RÖRICH, 1995), in northern Italy was collected in similar places together with *E. nostras*, *Myrmeleon inconspicuus* Rambur, 1842, and *M. formicarius* (Nicoli Aldini, 1983).

Until OHM's contribution (1965), the distribution of *M. bore* in W-palaearctic region was restricted to the Baltic area. COCQUEMONT and CHAMBON (1990) first reported this species from France. Recently, RÖRICH (1995, 1998) realized a first survey of the wide Eurasian distribution of *M. bore*.

The specimen in the collection of the Zoological Museum in the University of Rome is a single male labelled "Sequeros, Peña de Francia, prov. Salamanca, A.Kricheldorff legit"; other specimens (*Libelloides* spp.) of the same collector in the same locality were taken in 1931. It is very strange that this species could be neglected until now in a so well studied area, from the neuropterological point of view, like Iberian peninsula. Nevertheless recent study (RÖRICH, 1998) shows that *M. bore* is much more common than previously considered. Further researches in suitable biotopes like warm, sunny, sandy places, need in order to confirm the presence of this taxon in Iberian peninsula.

SUMMARY

A list of 8 species of *Neuroptera* (one *Hemerobiidae*, five *Ascalaphidae* and two *Myrmeleontidae*) of the collection of the Zoological Museum in the University of Rome collected in Iberian peninsula is presented. Of these, *Myrmeleon bore* (Tjeder 1941) is new to Spain. Distributional and ecological aspects of this species are discussed.

RIASSUNTO

Si riporta una lista di 8 specie di *Neuroptera* (un *Hemerobiidae*, cinque *Ascalaphidae* e due *Myrmeleontidae*) raccolte nella penisola iberica e conservate nella collezione del Museo di Zoologia dell'Università di Roma. Tra le specie raccolte, *Myrmeleon bore* (TJEDER 1941) risulta essere nuova per la penisola iberica. Aspetti della corologia e dell'ecologia della specie vengono esaminati per una valutazione dell'attendibilità di tale segnalazione, ai margini dell'areale attualmente noto per questo taxon.

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