



New data on some Coccinellidae (Coleoptera) from the Mediterranean Region*

CLAUDIO CANEPARI

Via Venezia 1, I-20097 San Donato Milanese, Milan, Italy. E-mail: ccanepari@libero.it

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Abstract

Scymnus incisus H. Lindberg, 1931 **resurrected name** is a valid species, not a synonym of *Nephus* (*Nephus*) *peyerimhoffi* (Sicard, 1923). *Nephus quadrimaculatus bucciarellii* Canepari & Tedeschi, 1977 is removed from synonymy with *N. (N.) ulbrichi* Fürsch, 1977 and synonymized with *N. (N.) schatzmayri* Canepari & Tedeschi, 1977 **syn. nov.** *Hyperaspis inexpectata* Günther, 1959 **resurrected name** is a valid species, not a synonym of *H. concolor* Suffrian, 1843. Four species are newly recorded from Sardinia: *Diomus rubidus* (Motshulsky, 1837), *Scymnus* (*Scymnus*) *femoralis* (Gyllenhal, 1827), *Hyperaspis* (*Hyperaspis*) *duvergeri* Fürsch, 1985 and *H. (H.) inexpectata* Günther, 1959.

Key words: Coleoptera, Coccinellidae, Sardinia, Spain, Canary Islands, new synonyms, new records

Introduction

The Coccinellidae are Coleoptera well known for their prettiness and utility. They belong to the superfamily Cucujoidea and are a large family with about 6,000 species described worldwide (Iablokoff-Khnzorian 1982; Vandenberg 2002), but many others, especially in the subfamilies Sticholotidinae and Scymninae of the tropical regions, are waiting to be discovered. One hundred and thirty species occur in Italy including Sardinia, Sicily and the smaller islands (Audisio *et al.* 1995; Canepari 2003, 2004).

The goal of this paper is to provide new information on some Mediterranean species of this family, chiefly in view of the ongoing preparation of a faunistic paper on the Sardinian species.

Material and methods

Most of the material studied was obtained in recent surveys by the Centro Nazionale per lo Studio e la Conservazione della Biodiversità Forestale “Bosco Fontana” of Verona (*cf.* Mason *et al.* 2006), the remainder came from private and public collections; all specimens were identified by the author.

The systematics used follow Kovář (2007), except for *Nephus peyerimhoffi* (Sicard, 1923), which, according to Canepari (2004), is placed in the nominal subgenus instead of in subgenus *Bipunctatus* Fürsch.

Illustrations were prepared using a drawing tube mounted on a Zeiss Stemi SV6 stereoscopic microscope.

In 2005 the Sardinian provinces were rearranged and increased in number from four to eight; nevertheless in this paper the provinces are reported as on the original labels. Localities and collections are listed alphabetically.

The following abbreviations are used: dint. = environs; ex. = specimen/s; prov. = province.