

NOTA / NOTE

Dilar pumilus Navás, 1903 and *Conwentzia pineticola* (Enderlein, 1905), two new lacewings for Continental Portugal (Neuroptera: Dilaridae, Coniopterygidae).

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Abstract: *Dilar pumilus* Navás, 1903 (Neuroptera: Dilaridae) and *Conwentzia pineticola* (Enderlein, 1905) (Neuroptera: Coniopterygidae) are recorded from Continental Portugal for the first time.

Key words: pleasing lacewing, dustywing, Portugal, faunistics, first records.

Resumo: *Dilar pumilus* Navás, 1903 e *Conwentzia pineticola* (Enderlein, 1905), dois novos neurópteros para Portugal Continental (Neuroptera: Dilaridae, Coniopterygidae). São apresentados nesta nota os primeiros registos de *Dilar pumilus* Navás, 1903 (Neuroptera: Dilaridae) e *Conwentzia pineticola* (Enderlein, 1905) (Neuroptera: Coniopterygidae) para Portugal Continental.

Palavras-chave: Dilaridae, Coniopterygidae, Portugal, faunística, primeiros registos.

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Introduction

After the XI Symposium on Neuropterology held in Ponta Delgada, Azorean archipelago, on June 2012, I have had the opportunity to collect Neuropterida in a few localities in Continental Portugal with the aim to enhance the preliminary list presented during the symposium (LETARDI *et al.*, 2011). On the whole, 76 specimens belonging to 20 taxa have been collected (Table 1). Among them, two species are new for Continental Portugal, although already known for Iberian Peninsula in Spain. Additional faunal information about these two species is reported below.

Note: According to a recently started project concerning all Portuguese biodiversity, more than 90 species of Neuropterida are recorded for mainland Portugal (NATURDATA, 2011); in practise only occasional research has been conducted about these insects in this country and we may assume that several new records will be obtained in the near future.

Materials

Dilar pumilus Navás, 1903

Portugal, Coimbra district, Serra da Lousã, 910 m, 40° 04' 08"N 8° 14' 24"W, 25.VI.2011, 1♀ (A. Letardi leg. & det.; coll. Letardi).

Conwentzia pineticola (Enderlein, 1905)

Portugal, Coimbra district, Serra da Lousã, 910 m, 40° 04' 08"N 8° 14' 24"W, 25.VI.2011, 4♂♂, 1♀ (A. Letardi leg. & det.; coll. Letardi).

Distributions

Dilar pumilus is an endemic species of the Iberian Peninsula, till now reported only for western and southern areas of Spain. Similar to *Dilar meridionalis* Hagen, 1866, but smaller than the latter, almost unknown from an ecological point of view, usually collected on oak trees or attracted to light (MONSERRAT, 1988). The female specimen has been collected by sweeping net in a mixed wood. Length of forewing: 8 mm.

Conwentzia pineticola is a widespread Holarctic species, quite common in the Iberian Peninsula, like the ecologically vicariant *Conwentzia psociformis* (Curtis, 1834). Nevertheless this is the first record for a Portuguese locality. It is usually recorded on coniferous trees.

Aknowledgements

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References

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 MONSERRAT, V.J. 1988. Revisión de los diláridos ibéricos (Neuropteroidea, Planipennia: Dilaridae). *Eos*, **64**: 175-205. ●
 NATURDATA, 2011. <http://naturdata.com/especies-de-portugal>

Table 1. - List of species collected.

| Species | Locality/localities and date | Specimens |
|--|--|-----------|
| <i>Atlantoraphidia maculicollis</i> (Stephens, 1836) | Guarda district, nearby Serra da Estrela, 22.VI.2011 | 4 F, 1 M |
| <i>Chrysopa formosa</i> Brauer, 1850 | Coimbra district, Boa Viagem, 26.VI.2011 | 1 F |
| <i>Chrysopa nigricostata</i> Brauer, 1850 | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F |
| <i>Chrysoperla gr. carnea</i> (Stephens, 1836) | Coimbra district, Serra da Lousã, 25.VI.2011 | 2 F, 1 M |
| | Coimbra district, Figueira da Foz, 26.VI.2011 | 1 M |
| <i>Chrysoperla pallida</i> Henry, Brooks, Duelli & Johnson, 2002 | Viseu district, Caldas da Felgueira, 22.VI.2011 | 1 F |
| | Coimbra district, Serra da Lousã, 25.VI.2011 | 4 F, 2 M |
| | Coimbra district, Figueira da Foz, 26.VI.2011 | 3 F, 2 M |
| <i>Dichochrysa flavifrons</i> (Brauer, 1850) | Guarda district, nearby Serra da Estrela, 22.VI.2011 | 1 F |
| | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 M |
| <i>Dichochrysa prasina</i> (Burmeister, 1839) | Guarda district, nearby Serra da Estrela, 22.VI.2011 | 4 M |
| <i>Dichochrysa gr. prasina</i> (Burmeister, 1839) | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F |
| <i>Nineta flava</i> (Scopoli, 1763) | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F |
| <i>Coniopteryx sp.</i> | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F |
| <i>Conwentzia psociformis</i> (Curtis, 1834) | Guarda district, nearby Serra da Estrela, 22.VI.2011 | 5 F, 1 M |
| | Coimbra district, Boa Viagem, 26.VI.2011 | 1 M |
| <i>Conwentzia pineticola</i> (Enderlein, 1905) | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F, 4 M |
| <i>Semidalis aleyrodiformis</i> (Stephens, 1836) | Guarda district, nearby Serra da Estrela, 22.VI.2011 | 2 M |
| <i>Semidalis vicina</i> (Hagen, 1861) | Coimbra district, Figueira da Foz, 26.VI.2011 | 3 F, 7 M |
| <i>Dilar pumilus</i> Navás, 1903 | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F |
| <i>Hemerobius humulinus</i> Linnaeus, 1758 | Coimbra district, Coimbra city, 24.VI.2011 | 1 F, 1 M |
| <i>Hemerobius stigma</i> Stephens, 1836 | Coimbra district, Serra da Lousã, 25.VI.2011 | 3 F, 4 M |
| <i>Symphorobius pygmaeus</i> (Rambur, 1842) | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 M |
| <i>Wesmaelius subnebulosus</i> (Stephens, 1836) | Guarda district, nearby Serra da Estrela, 22.VI.2011 | 1 F, 2 M |
| | Coimbra district, Serra da Lousã, 25.VI.2011 | 1 F |
| <i>Myrmeleon inconspicuus</i> Rambur, 1842 | Coimbra district, Figueira da Foz, 26.VI.2011 | 5 exx. |