

NEW AND INTERESTING BEETLE (INSECTA, COLEOPTERA) RECORDS FROM PORTUGAL (4TH NOTE)

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Abstract: This paper presents records of nine beetle species from Portugal, two of them new for the country [Cerambycidae: *Pachytodes cerambyciformis* (Schrank, 1781) and Chrysomelidae: *Plateumaris sericea* (Linnaeus, 1761)]. The remaining species, included in the families Silphidae, Lampyridae, Cleridae, Melyridae, Coccinellidae and Erotylidae are considered interesting on account of the insufficient knowledge concerning their distribution and because the existing records are very old.

Key words: Coleoptera, *Pachytodes*, *Plateumaris*, additions, Portugal.

Registros interesantes de coleópteros (Insecta, Coleoptera) para Portugal (4^a nota)

Resumen: Se presentan registros de nueve especies de coleópteros de Portugal, dos de ellas nuevas para el país [Cerambycidae: *Pachytodes cerambyciformis* (Schrank, 1781) y Chrysomelidae: *Plateumaris sericea* (Linnaeus, 1761)]. Las restantes especies se consideran interesantes debido al escaso conocimiento sobre su distribución y a la antigüedad de los registros existentes.

Palabras clave: Coleoptera, *Pachytodes*, *Plateumaris*, novedades. Portugal.

Introduction

The available knowledge on the Portuguese fauna of the order Coleoptera was recently the subject of a revision by Serrano (2000), who estimated the number of recorded species to range between 3.676 and 3.690. Three years later, in a more comprehensive literature survey that dealt with the whole of the Portuguese insect fauna, I estimated the number of beetle species recorded from continental Portugal to attain 3.800 (Grosso-Silva, 2003). Despite this considerable species richness already documented, research on the composition and distribution of the Portuguese beetle fauna still provides very interesting results, with new species being described or recorded every year and other species, scarce or not recorded for a long time, being reported. The purpose of the present contribution, which is part of a series dealing with new and poorly known Coleoptera species from continental Portugal (see Grosso-Silva, 2002 and references therein), is to present some interesting records, including two species hitherto not found in Portugal.

The names of the Protected Areas where some of the specimens were collected are abbreviated as follows: PGNP (Peneda-Gerês National Park), SENP (Serra da Estrela Natural Park), MNP (Montesinho Natural Park), SACVNP (Sudoeste Alentejano and Costa Vicentina Natural Park).

Species list

SILPHIDAE Latreille, 1807

Nicrodes littoralis (Linnaeus, 1761)

MATERIAL EXAMINED: **Odemira:** Odemira (village) (29SNB36) (SACVNP), 29-06-2004 (1, Pedro Sousa *leg.*).

COMMENTS: This species was recently recorded from Portugal and its known distribution was limited to the northern half of the country: Serra da Estrela, Serra da Peneda and an area around Chaves and Boticas (Grosso-Silva & Serrano, 2000; Soares-Vieira & Grosso-Silva, 2003).

LAMPYRIDAE Latreille, 1817

Phosphaenus hemipterus (Goeze, 1777)

MATERIAL EXAMINED: **Trofa:** Gondão (S. Mamede do Coronado) (29TNF36), 22-05-2005 (1 ♂, Sónia Ferreira *leg.*).

COMMENTS: Third record for the country. Previously reported from Lagares (Penafiel) (Barros, 1927) and Cabeça (Seia) (Grosso-Silva, 2002). The specimen recorded here was collected between 4 and 5 P.M. walking on the ground on a path without vegetation.

CLERIDAE Latreille, 1802

Tarsostenus univittatus (Rossi, 1792)

MATERIAL EXAMINED: **Maia:** Silva Escura (29TNF36), 24-06-2003 (1, Sónia Ferreira *leg.*). **Pinhel:** Pinhel (village) (29TPF61), 21-07-1996 (1).

COMMENTS: In Portugal, apart from a record related to its presence in goods stored in warehouses in the the port of Lisbon (Guimarães, 1959), there are two records of this species which date back to the first half of the 20th century: Vila Real and S. Martinho de Antas (Sabrosa) (Barros, 1907, 1929).

MELYRIDAE Leach, 1815

Anthocomus (Anthocomus) coccineus (Schaller, 1783)

MATERIAL EXAMINED: **Estarreja:** Salreu (29TNF30), 28-09-2002 (1, Patrícia Soares-Vieira & Sónia Ferreira *leg.*), 01-02-2005 (1, Sónia Ferreira *leg.*).

COMMENTS: Second record for the country. The presence of this species in Portugal was recorded by Plata & Santiago (1990), based on a male specimen collected by Seabra on the 28th of October 1933 in Mata de Leiria. The species was considered rare by Plata & Santiago (1990), who regarded it as being active in late summer (despite the fact that both the Portuguese and Spanish material examined by these authors had been collected in October). The new data here presented points to an Autumn-Winter activity period of the adults.

Dolichosoma lineare (Rossi, 1790)

MATERIAL EXAMINED: **Rio Maior**: Paúl da Marmeleira (29SND14), 24-05-2002 (1).

COMMENTS: Second record for the country. The only Portuguese record of this species was presented by Serrano (1981), who collected it in Várzea da Muda (Arrábida Natural Park, in central Portugal).

COCCINELLIDAE Latreille, 1807

Anisosticta novemdecimpunctata (Linnaeus, 1758)

MATERIAL EXAMINED: **Estarreja**: Salreu (29TNF30), 26-05-2005 (1, Patrícia Soares-Vieira leg.).

COMMENTS: Second record for a precise locality in the country. In Portugal, apart from an old record by Oliveira (1893), who mentioned no locality, this species was only reported from Lagoa de Albufeira (Sesimbra), in the central part of the country (Raimundo & Alves, 1986).

EROTYLIDAE Latreille, 1802

Tritoma bipustulata Fabricius, 1775

MATERIAL EXAMINED: **Arcos de Valdevez**: Serra da Peneda (29TNG64) (PGNP), 10-06-1974 (1, Tristão Branco leg.). **Vieira do Minho**: Serra da Cabreira (29TNG71), 25-05-1977 (1, Tristão Branco leg.).

COMMENTS: In the past, this species has been recorded from a single Portuguese locality: S. Martinho de Antas (Sabrosa) (Barros, 1924). The new records presented here confirm its presence in the country and increase its known distribution, which remains limited to the northern part of the territory.

CERAMBYCIDAE Latreille, 1802

Pachytodes cerambycifformis (Schrank, 1781)

MATERIAL EXAMINED: **Bragança**: Near Santo Amaro chapel (29TPG7940) (MNP), 06-06-2005 (3).

Comments: New genus for the Portuguese fauna. In Spain, Vives (2000) considers this species common in the northern half, particularly in and around the Pyrenees.

CHRYSOMELIDAE Latreille, 1802

Entomoscelis adonidis (Pallas, 1771)

MATERIAL EXAMINED: **Bragança**: Nogueira (29TPG82), 18-05-2000 (4, Ernestino Maravalhas leg.). **Torre de Moncorvo**: Olgas stream banks (Urros) (29TPF6852), 10-05-2005 (3). **Vila Nova de Foz Côa**: Between Almendra and Castelo Melhor (29TPF64), 22-04-2000 (3); Chãs (29TPF53), 30-03-1997 (3); Quinta da Erva-moira (29TPF54), 16-04-2000 (1).

COMMENTS: The only Portuguese records found in the literature are an old one from Bragança (Oliveira, 1893) and a very recent one from Serra da Estrela (Vale do Rossim) (Grosso-Silva, 2005). The new data connects these two areas and enhances the seemingly north-eastern distribution of the species in the country. Furthermore, the species appears to be common in the Alto Douro region, where it was seen in groups, particularly on the banks of Olgas stream (more than 30 individuals observed).

Plateumaris sericea (Linnaeus, 1761)

MATERIAL EXAMINED: **Bragança**: Near Vilarinho (29TPG7840) (MNP), 03-06-2005 (6, Sónia Ferreira leg.). **Manteigas**: Curral da Nave (29TPE2469) (SENP), 18-05-2005 (1, Pedro Sousa leg.), 09-06-2005 (5, Sónia Ferreira & Pedro Sousa leg.); Nave de Santo António (29TPE2064) (SENP), 10-06-2005 (2, Sónia Ferreira & Pedro Sousa leg.).

COMMENTS: New genus for the Portuguese fauna. In Spain, according to Petitpierre (2000), this species is almost limited to the mountain areas in the northern half. The collection dates of the Portuguese specimens are in agreement with the phenology recorded from Spain, where it has been collected in May and June (Petitpierre, 2000).

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