

New and Additional Records of Paederinae (Coleoptera: Staphylinidae) from the Island of Cyprus

Sinan ANLAŞ

Alaşehir Vocational School, Celal Bayar University, TR-45600, Alaşehir, Manisa, TURKEY
e-mail: sinan.anlas@gmail.com

ABSTRACT

Additional notes on 12 species belonging to the subfamily Paederinae (Staphylinidae) from the Island of Cyprus have been given. Amongst those six species are the first records for Cyprus fauna: *Astenus thaboris* (Saulcy, 1865), *Nazeris ammonita* (Saulcy, 1865), *Scymbalium anale* (Nordmann, 1837), *Medon abantensis* Bordon, 1980, *Pseudomedon obscurellus* (Erichson, 1840) and *Paederidus rubrothoracicus* (Goeze, 1777), so that a total of 302 staphylinid species are now known from Cyprus.

Keywords: Staphylinidae, Paederinae, Cyprus, new records, additional records.

INTRODUCTION

Cyprus is third largest island in the Mediterranean after the Italian islands of Sicily and Sardinia. The Island of Cyprus has been completely isolated from Anatolia at least for 5 million years. Geographic isolation has led to the evolution of a large number of endemic species of plants and animals (Hadjisterkotis *et al.*, 2000).

Compared to other regions of the Eastern Mediterranean region, the staphylinid fauna of Cyprus has been poorly studied. All that is currently known is contained in some old taxonomic works, regional species list, recent revisions, species descriptions and summaries of the results of individual field trips. According to Assing and Wunderle (2001), the staphylinid fauna of Cyprus is most closely affiliated with that of southern Anatolia, Rodhos, and the Middle East. Some important studies on the staphylinid beetles of Cyprus have been conducted by Scheerpeltz (1956), Franz (1987), Georghiou (1977), Assing and Wunderle (2001), Zanetti (2002) and Frisch (1998, 2007). Based on a review of the literature of the Staphylinidae fauna of Cyprus, as well as the new records in this study, it was found that 302 species belonging to 15 subfamilies of Staphylinidae from Cyprus.

The main aim of this study is to contribute to the knowledge of the Staphylinidae fauna of Cyprus.

MATERIAL AND METHODS

The present paper is based on material collected during recent field studies in different parts of North Cyprus. Identification, classification and nomenclature of Staphylinidae suggested by Coiffait (1984) and Smetana (2004) have been followed in this study. The material referred to in this study is deposited in the author's private collection.

RESULTS

In this study, 12 species belonging to Paederinae (Staphylinidae) from Cyprus were reported. Amongst those; *Astenus thaboris* (Saulcy, 1865), *Nazeris ammonita* (Saulcy, 1865), *Scymbalium anale* (Nordmann, 1837), *Medon abantensis* Bordoni, 1980, *Pseudomedon obscurellus* (Erichson, 1840) and *Paederidus rubrothoracicus* (Goeze, 1777) are the first records for fauna of Cyprus.

List of the species

Subfamily Paederinae Fleming, 1821

***Astenus procerus* (Gravenhorst, 1806)**

Material examined: 1 ex., 12.III.2011, Girne, Beşparmak, 530 m, 35°16'59''N, 33°28'21''E, leg. Keskin.

Distribution: Europe, North Africa, Cyprus, Lebanon, Turkey, Tajikistan and Uzbekistan (Smetana, 2004).

***Astenus thaboris* (Saulcy, 1865)**

Material examined: 2 exs., 12.III.2011, Girne, Beşparmak, 530 m, 35°16'59''N, 33°28'21''E, leg. Anlaş and Yağmur.

Remarks: *A. thaboris* was known from Israel, Lebanon, Syria, Turkey, Kazakhstan and Turkmenistan (Smetana, 2004). This species here reported from Cyprus for the first time.

***Nazeris ammonita* (Saulcy, 1865)**

Material examined: 4 exs., 13.III.2011, Girne, Selvilitepe 1 km N, 980 m, 35°19'11''N, 33°09'47''E, leg. Anlaş, Yağmur and Keskin.

Remarks: According to Assing (2009a) the distribution of *N. ammonita* is confined to the Middle East, from central southern Anatolia to Syria, Jordan and Israel. This species recorded from Cyprus for the first time.

***Leptobium syriacum* (Saulcy, 1865)**

Material examined: 2 exs., 12.III.2011, Lefkoşa, Değirmenlik, Yaylatepe 2 km S, environs Alevkayası, 820 m, 35°17'28''N, 33°33'03''E, leg. Anlaş; 4 exs., 12.III.2011, Girne, Beşparmak, 530 m, 35°16'59''N, 33°28'21''E, leg. Anlaş and Yağmur.

Distribution: The species is rather widespread in the Eastern Mediterranean, its distribution ranging from central southern Anatolia to Israel and including southern Cyprus (Assing, 2005).

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***Domene stilicina* (Erichson, 1840)**

Material examined: 4 exs., 13.III.2011, Girne, Selvilitepe 1 km N, 980 m, 35°19'11"N, 33°09'47"E, leg. Anlaş and Yağmur; 3 exs., 12.III.2011, Girne, Beşparmak, 530 m, 35°16'59"N, 33°28'21"E, leg. Anlaş; 2 exs., 13.III.2011, Girne, Karşıyaka 2 km N, 280 m, 35°20'11"N, 33°06'36"E, leg. Anlaş and Yağmur; 5 ex., 12.III.2011, Lefkoşa, Değirmenlik, Yaylatepe 2 km S, environs Alevkayası, 820 m, 35°17'28"N, 33°33'03"E, leg. Anlaş, Yağmur and Keskin.

Distribution: Albania, Greece, Italy, Macedonia, North Africa, Middle East, Turkey and Cyprus (Smetana, 2004). The species is rather common and widespread in northern Cyprus.

***Micrillus testaceus* (Erichson, 1840)**

Material examined: 4 exs., 13.III.2011, Girne, Selvilitepe 1 km N, 980 m, 35°19'11"N, 33°09'47"E, leg. Anlaş; 1 ex., 13.III.2011, Lefkoşa, Yılmazköy, 700 m, 35°18'16"N, 33°13'27"E, leg. Anlaş.

Distribution: According to Assing (2008), distribution of *M. testaceus* extending to the northeast into Ukraine and the Russian South European territory. In Cyprus, this species is known in Troodos mountains, Vretsia from south Cyprus (Assing, 2008).

***Scymbalium anale* (Nordmann, 1837)**

Material examined: 2 exs., 12.III.2011, Lefkoşa, Değirmenlik, Yaylatepe 2 km S, environs Alevkayası, 820 m, 35°17'28"N, 33°33'03"E, leg. Anlaş.

Remarks: *S. anale* is distributed in Europe, Algeria, Iraq, Syria, Turkmenistan and Turkey (Smetana, 2004). This species recorded from Cyprus for the first time.

***Luzea graeca* (Kraatz, 1857)**

Material examined: 2 exs., 12.III.2011, Girne, Beşparmak, 530 m, 35°16'59"N, 33°28'21"E, leg. Anlaş, Yağmur and Keskin.

Remarks: The distribution of *L. graeca* ranges from Israel, Iran, Turkey, Armenia, and the Middle East across the Balkans to Macedonia and Hungary. In Cyprus, two recent records of this species is known in Mamonia, and Vermasogia riverbank from South Cyprus (Assing, 2010).

***Medon abantensis* Bordoni, 1980**

Material examined: 3 exs., 12.III.2011, Lefkoşa, Değirmenlik, Yaylatepe 2 km S, environs Alevkayası, 820 m, 35°17'28"N, 33°33'03"E, leg. Anlaş, Yağmur and Keskin.

Remarks: The distribution of *M. abantensis* ranges from western Anatolia to Georgia (Assing, 2009c). This species here reported from Cyprus for the first time.

***Pseudomedon obscurellus* (Erichson, 1840)**

Material examined: 2 exs., 12.III.2011, Lefkoşa, Değirmenlik, Yaylatepe 2 km S, environs Alevkayası, 820 m, 35°17'28"N, 33°33'03"E, leg. Anlaş.

Remarks: According to Assing (2009b), the known distribution of this species is confined in southern, south eastern and central Europe and also Turkey, Georgia, Azerbaijan and Iran. *P. obscurellus* here reported from Cyprus for the first time.

***Paederidus rubrothoracicus* (Goeze, 1777)**

Material examined: 4 exs., 13.III.2011, Girne, Karşıyaka 2 km N, 280 m, 35°20'11"N, 33°06'36"E, leg. Anlaş and Yağmur.

Remarks: This species was known from Europe and Turkey (Smetana, 2004; Anlaş, 2009). *P. rubrothoracicus* reported from Cyprus for the first time.

***Scopaeus gracilis* (Sperk, 1835)**

Material examined: 1 ex., 12.III.2011, Lefkoşa, Değirmenlik, Yaylatepe 2 km S, environs Alevkayası, 820 m, 35°17'28"N, 33°33'03"E, leg. Anlaş.

Distribution: According to Frisch (1998, 2007), *S. gracilis* is widely distributed in the western Palearctic from west, southern central and south Europe, northwest Africa, the Canary Islands, the Caucasus and Anatolia eastwards to Iran, and also Cyprus.

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