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New records of the subfamily *Cryptocephalinae* (Coleoptera, Chrysomelidae) for the Turkish fauna

by İrfan Aslan and Hikmet Özbek

Abstract: Ten species of the subfamily *Cryptocephalinae* (Coleoptera: Chrysomelidae) are recorded from Turkey for the first time. The total number of *Cryptocephalinae* known from Turkey thus rises to 85.

Kurzfassung: Zehn Arten der *Cryptocephalinae* (Coleoptera: Chrysomelidae) werden erstmals in der Türkei festgestellt. Die Zahl der in der Türkei festgestellten *Cryptocephalinae* steigt damit auf 85.

Key words: Turkey, Coleoptera, Chrysomelidae, *Cryptocephalinae*, new records.

Introduction

The family Chrysomelidae, commonly known as leaf beetles, is one of the biggest families in the order Coleoptera, and has been divided into 19 subfamilies (JOLIVET et al. 1988). The subfamily *Cryptocephalinae* is widely distributed worldwide (LOPATIN 1977), but has not been studied into detail in Turkey until recently. ASLAN & ÖZBEK (1997a, b) have made some studies on this group, and they have recorded 75 species and 9 subspecies in 3 genera and 3 tribes in Turkey. In the present work, ten species of *Cryptocephalinae* are newly recorded for the fauna of Turkey. With this contribution the number of species of the subfamily *Cryptocephalinae* recorded in Turkey rises to 85.

Results

Cryptocephalus bipunctatus thomsoni Weise 1881

Material: Madenköprübaşı, İspir (Erzurum province), 1400 m, 7.VII.1996, 1 ♀, 1 ♂ (leg. İ. ASLAN).

Distribution: Germany (CLAVAREAU 1913).

Cryptocephalus cordiger (Linnaeus, 1758)

Synonyms: *Chrysomela cordiger* Linnaeus, 1758, Syst. Nat., ed. 10, p. 375; *Cryptocephalus cordiger* Burlini, 1955 (GRUEV & TOMOV 1984).

Material: Sütkans, Oltu (Erzurum province) 1800 m 10.VI.1997, 2 ♀, 3 ♂ (leg. İ. ASLAN).
Distribution: Europe (CLAVAREAU 1913), South and Central Europe (MOHR 1966), Romania (ROSCA 1973), Central and Southern European part of former USSR, southern Urals, southern Siberia, Trans Baikal, Central Kazakhstan, Southern and Central Europe (LOPATIN 1977), Europe, Kazakhstan (GRUEV & TOMOV 1984), Poland, North Europe, Finland (WARCHALOWSKI 1991).

***Cryptocephalus quatuordecimmaculata* Schneider, 1792**

Material: Eğerti, Ilıca (Erzurum province), 1850 m, 28.VI.1997, 4 ♀, 3 ♂ (leg. İ. ASLAN).
Distribution: Russia, Siberia (CLAVAREAU 1913), Central Europe (MOHR 1966), Romania (ROSCA 1973), Slovenia, Bulgaria, Albania, Austria (WARCHALOWSKI 1991).

***Cryptocephalus sexpunctatus* (Linnaeus, 1758)**

Synonyms: *Chrysomela 6-punctata* Linnaeus, 1758, Syst. Nat., ed. 10, p. 375; *Cryptocephalus sexpunctatus* Burlini (GRUEV & TOMOV 1984).

Material: Eğerti, Ilıca (Erzurum province), 1850 m, 28.VI.1997, 3 ♀, 5 ♂ (leg. İ. ASLAN).
Distribution: Europe, Siberia, Japan (CLAVAREAU 1913), Central Europe (MOHR 1966), Europe (GRUEV & TOMOV 1984), Finland, Germany, Hungary, Poland, Romania (ROSCA 1973, WARCHALOWSKI 1991).

***Cryptocephalus strigosus* Germar, 1824**

Material: Eğerti, Ilıca (Erzurum province), 1850 m, 28.VI.1997, 2 ♀, 3 ♂; Süngübayır, Olur (Erzurum province), 1850 m, 24.VIII.1997, 3 ♀, 5 ♂; Sütkans, Oltu (Erzurum province) 1800 m 10.VI.1997, 8 ♀, 7 ♂ (all leg. İ. ASLAN).
Distribution: Austria, Bulgaria, Hungary, Italy, Macedonia, Romania, Slovenia, (former) Yugoslavia (CLAVAREAU 1913, GRUEV & TOMOV 1984, MOHR 1966, ROSCA 1973, WARCHALOWSKI 1991).

***Cryptocephalus virens* Suffrian, 1847**

Material: Eğerti, Ilıca (Erzurum province), 1850 m, 28.VI.1997, 5 ♀, 13 ♂; Sütkans, Oltu (Erzurum province) 1800 m 10.VI.1997, 8 ♀, 7 ♂ (all leg. İ. ASLAN).
Distribution: Austria, Hungary, Trans Slovenia, Russia, Siberia, Mongolia (CLAVAREAU 1913), Romania (ROSCA 1973), steppe zone of the (former) USSR, eastern Kazakhstan, south of central and eastern Europe, Mongolia (LOPATIN 1977), Europe (GRUEV & TOMOV 1984), North Caucasus (YAROSHENKO 1985), Slovenia, Mongolia, West Europe, Caucasus, Poland (WARCHALOWSKI 1991).

***Pachybrachis nigropunctatus* Suffrian, 1854**

Material: Adana, 7.VIII.1996, 1 ♀, 1 ♂ (leg. İ. ASLAN).

Distribution: Armenia, Caucasus, Iran, Mesopotamia, Syria (CLAVAREAU 1913), Trans-Caucasus, Central Asia except hilly regions, southern Kazakhstan, northern Iran, Iraq, Syria, northern Afghanistan (LOPATIN 1977).

***Pachybrachis nitidicollis* Weise, 1894**

Material: Eğerti, Ilıca (Erzurum province), 1850 m, 28.VI.1997, 2 ♀, 3 ♂; Süngübayır, Olur (Erzurum province), 1850 m, 24.VIII.1997, 13 ♀, 8 ♂; Sütkans, Oltu (Erzurum province) 1800 m 10.VI.1997, 8 ♀, 7 ♂ (all leg. İ. ASLAN).

Distribution: Crimea (WARCHALOWSKI 1991).

***Pachybrachis picus* (Weise, 1882)**

Synonym: *Pachybrachys picus* Weise, 1882 (WARCHALOWSKI 1991).

Material: Sütkans, Oltu (Erzurum province) 1800 m 18.VI.1997, 4 ♀, 6 ♂ (leg. İ. ASLAN).

Distribution: Central Europe, France, Germany, North Italy (CLAVAREAU 1913, MOHR 1966, WARCHALOWSKI 1991).

***Stylosomus flavus* Marseul, 1875**

Material: Çamlıbel, Oltu (Erzurum province) 1750 m 25.VI.1997, 5 ♀, 6 ♂ (leg. İ. ASLAN).

Distribution: Bulgaria, Caucasus, Germany (CLAVAREAU 1913, GRUEV & TOMOV 1984, WARCHALOWSKI 1991).

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