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## Some Faunistic Insect Records in Tunceli province (Turkey)

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**Abstract:** In this study three species, *Brancoptia leucaspis* (Castelnau, 1840) (Scarabaeidae: Coleoptera), *Xylocoris maculipennis* (Bärensprung, 1858) (Anthocoridae: Heteroptera: Hemiptera) and *Geocoris pallidipennis* (Costa, 1843) (Lygaeidae: Heteroptera: Hemiptera) were recorded for the first time from Tunceli Province, Turkey.

**Keywords:** Insecta, Scarabaeidae, Anthocoridae, Lygaeidae, Tunceli, Fauna

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The latest research on the detection of insect fauna in Tunceli province is lately. It is especially important to identify members of the Hemiptera order (Dioli *et al.*, 2019; Özgen and Topdemir, 2019; Özgen *et al.*, 2020). In this study, some important faunistic records are presented in the location of Karsılar in Tunceli province of Turkey.

Collections were made from Turkey, Tunceli, Karşılar village, 39.1752° N, 39.4412° E, at the base of herbs, and were deposited in the Firat University, Bioengineering Department, Elazığ/Turkey. The collected specimens are dried preserved on the label, with entomological preparation.

In this study; two Scarabaeidae (Coleoptera), one each of Anthocoridae and Lygaeidae (Hemiptera) species were recorded, out of which three were first record from Tunceli Province. Following is the list of entomofauna of this location:

### A. Order Coleoptera: Family Scarabaeidae

1. *Amphimallon vernale vernale* (Brullé, 1832) (Fig. 1A)

Material examined: Tunceli, Karşılar Village, 08.06.2018, 2 exc.

Distribution in Turkey: Adana, Erzincan, Erzurum, Kars, Manisa, Mersin, Muş, Tunceli, Yozgat (Polat *et al.*, 2018).

2. *Brancoptia leucaspis* (Castelnau, 1840) (Fig. 1B)

Material examined: Tunceli, Karşılar Village, 08.06.2018, 3exc.

Distribution in Turkey: Adıyaman, Bingöl, Diyarbakır, Erzurum, Kars (Polat *et al.*, 2018).

Note: New faunistic record in Tunceli province

### B. Order Hemiptera: Suborder Heteroptera

#### I. Family Anthocoridae

1. *Xylocoris maculipennis* Bärensprung, 1858 (Fig. 2A)



Fig. 1: (A) *Amphimallon vernale vernale* (Brullé, 1832); (B) *Brancoplia leucaspis* (Castelnau, 1840)



Fig. 2: (A) *Xylocoris maculipennis* Bärensprung, 1858; (B) *Geocoris pallidipennis* (Costa, 1843)

Material examined: Tunceli, Karşılar Village, 08.06.2018, 2exc.

Distribution in Turkey: İzmir (Önder *et al.*, 2006)

Note: Rare specimen. Second record in Turkey fauna.

II. Family: Lygaeidae

1. *Geocoris pallidipennis* (Costa, 1843) (Fig. 2B)

Material examined: Tunceli, Pertek, Akdemir, Village, 22.07.2019, 3exc.

Distribution in Turkey: Adıyaman, Diyarbakır, İzmir, Kahramanmaraş, Manisa,

Mardin, Mersin, Şanlıurfa (Çakır and Önder, 1990; Önder *et al.*, 2006; Bolu, 2020)

Note: First faunistic record in Tunceli fauna.

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