

Contributions to Pentatomoidea (Heteroptera) Fauna of Western Black Sea Region with a New Record for Anatolian Fauna: *Neottiglossa lineolata* (Mulsant & Rey, 1852)

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SUMMARY

In this present study, performed in the Western Black Sea Region between the years 2005 and 2007, 68 species from 37 genera and 5 families (Pentatomidae, Cydnidae, Scutelleridae, Plataspidae, Acanthosomatidae) of Pentatomoidea were determined. 46 of these species belongs to Pentatomidae, 15 to Scutelleridae, 4 to Cydnidae, 2 to Plataspidae and 1 to Acanthosomatidae. 28 species are new records for Western Black Sea Region. *Neottiglossa lineolata* (Mulsant & Rey, 1852) is a new record for Anatolian Pentatomidae fauna.

Key words: Pentatomoidea, fauna, taxonomy, new record, Western Black Sea Region, Anatolia

INTRODUCTION

Pentatomoidea, a superfamily which attracted many scientists' attention with the agricultural pest species from different families possessing economic importance, is represented with 7 families in Turkey. These are Pentatomidae, Scutelleridae, Cydnidae, Thyreocoridae, Acanthosomatidae, Dinidoridae and Plataspidae.

The first studies on Turkey Pentatomoidea started as early as mid 1800s by foreign scientists and has continued until today. Horvath (1883a, 1901, 1903, 1906a, 1906b, 1919) reported a great number of species from many localities in Anatolia, especially from the southern and southeastern parts. Reuter (1890) and Gadeau de Kerville (1939), Puton (1892), Escherich (1897), Kiritshenko (1918, 1924), Fahringer (1922), Zwölfer (1930), Seidenstücker (1957, 1958, 1960, 1963, 1975), Wagner (1959, 1966) are some other researchers who also studied in the country and reported a number of species. Among these, the most comprehensive species list is that of Hoberlandt (1955) who reported 170 species from Pentatomoidea.

The studies of Lodos et al. (1978, 1998), Lodos and Önder (1978, 1979, 1980, 1982, 1983), Kiyak (1990, 1993, 2000) and Önder et al. (1995) are the most detailed native studies aimed to discover Turkey Pentatomoidea fauna. Fent and Aktaş (1999, 2007) reported many new records for both Turkey and Thrace Region Pentatomoidea fauna in their studies carried out in the Thrace Region.

The current available data on faunal members of Pentatomoidea in our present study area which consisted of the Western Black Sea Region is rather limited. Lodos