

**Studies on the Piesmatidae, Berytidae, Pyrrhocoridae,
Stenocephalidae, Coreidae, Rhopalidae, Alydidae, Cydnidae,
and Plataspidae (Heteroptera) of Gilan and the adjacent
provinces in northern Iran**

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Abstract. A list of Piesmatidae (1 species), Berytidae (5 species), Pyrrhocoridae (2 species), Stenocephalidae (4 species), Coreidae (18 species), Rhopalidae (20 species), Alydidae (3 species), Cydnidae (14 species), and Plataspidae (1 species) from the Iranian province of Gilan and adjacent provinces is published. The following four species are new for Iran: *Parapiesma salsolae* (Becker, 1867) (Piesmatidae), *Chorosoma longicolle* Reuter, 1900 (Rhopalidae), *Tritomegas bicolor* (Linnaeus, 1758) (Cydnidae), and *Coptosoma scutellatum* (Geoffroy, 1785) (Plataspidae).

Key words. Heteroptera, Lygaeoidea, Coreoidea, Pentatomoidea, Pyrrhocoroidea, Iran, Gilan, faunistics, checklist, new records

Introduction

Several entomological expeditions visited Iran in the past. The most important were the Czechoslovak-Iranian expeditions in 1970, 1973 and 1977 (HOBERLANDT 1974, 1981, 1983, 1989). HOBERLANDT (1954, 1959) also published two articles on material collected by Iranian entomologists. These investigations focused predominantly on central and southern parts of Iran. Only in 2001 Austrian entomologists visited the Golestan province in northern Iran (HEISS 2002). To improve the knowledge of the true bug fauna of northern Iran, I summarize the results of investigations made with my wife, Sakineh Linnavuori, in the Gilan province and the adjacent areas in northern Iran since 1994. I also add some species found in the eastern Khorasan province. It is a follow-up of my previous papers dealing with the true bug fauna of the Gilan province (LINNAVUORI & HOSSEINI 2000, LINNAVUORI 2006, 2007a,b).

The Gilan province (Fig. 1) (36°36' – 38°27' N, 48°30' – 50°30' E, total area 14,709 km²) is located on the southern coast of the Caspian Sea and surrounded by Ardabil, Zanjan, Ghaz-