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Three new records of assassin bugs (Hemiptera: Reduviidae: Peiratinae) from Iran

Hassan GHAHARI, Rauno E. LINNAVUORI & Pierre MOULET

Abstract

Three peiratine species of assassin bugs, *Androclus pictus* (HERRICH-SCHAEFFER), *Ectomocoris ochropterus* STÅL, and *Ectomocoris quadrimaculatus* (SERVILLE), are newly recorded from Iran. Synonymies and distributional data are given in this paper.

K e y w o r d s : Hemiptera, Reduviidae, Peiratinae, Iran, fauna, new record.

Zusammenfassung

Drei für die Fauna Irans neue Raubwanzen [Hemiptera: Reduviidae: Peiratinae: *Androclus pictus* (HERRICH-SCHAEFFER), *Ectomocoris ochropterus* STÅL und *Ectomocoris quadrimaculatus* (SERVILLE)] konnten nachgewiesen werden. Synonymie und Verbreitungsangaben werden angeführt.

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Introduction

The family Reduviidae is the largest family of predaceous land Heteroptera, globally comprising of 6.250 species and subspecies in 913 genera and 25 subfamilies (MALDONADO-CAPRILES 1990). Among them 342 species under 31 genera belong to the subfamily Peiratinae. The subfamily Peiratinae distinguishes itself with unique ecological, morphological and behavioural attributes and exhibits affinities with its closer subfamily like Reduviinae and distances itself from subfamilies like Stenopodainae. A thorough understanding of the biosystematics of subfamilies of Reduviidae will reveal their polygenetic relationships (AMBROSE et al. 2007). The assassin bugs of the subfamily Peiratinae were poorly studied in Iran, and only 2 species in 2 genera (*Peirates hybridus* (SCOPOLI 1763)) (MODARRES AWAL 1997) and *Ectomocoris cordiger* STÅL 1866 (AMBROSE et al. 2007) under the subfamily Peiratinae have been recorded. In the present study, we found three new records of Iranian Peiratinae bugs herein reported. The detailed citation and references of the related species can be found in the catalogs of MALDONADO-CAPRILES (1990) and PUTSHKOV & PUTSHKOV (1996).

In this paper, the materials were collected by sweeping net from three localities including, Kaleibar (East Azarbayjan province), Zahedan (Sistan & Baluchestan province) and Kermanshah (Kermanshah province). Totally, three peiratine species of assassin bugs are listed as the new records for Iranian fauna. Additionally, synonymies and distributional data are given below.

Species list

Androclus pictus (HERRICH-SCHAEFFER) 1848

Pirates pictus HERRICH-SCHAEFFER 1848.
Dicraotropis pictus MAYR 1865.
Androclus (*Dicroatropis*) *sculpturatus* BREDDIN 1903 (synonymy by DISTANT 1902).
Androclus pictus DISTANT 1902.

Material examined: East Azarbayjan Province, Kaleibar, 1♂, 778 m, V-2006.

General distribution: Africa, Dutch east, Oriental (Cameroon, Southern Mozambique (Delagoa Bay), Guinea, India, Indonesia (Java), South Africa, Transvala).

Ectomocoris ochropterus STÅL 1866

Pirates posticus WALKER 1873a (synonymy by PRIESNER & ALFIERI 1953).
Pirates ochropterus WALKER 1873.
Eumerus (*Eumerus*) *flaviger* STÅL 1874 (synonymy by DISTANT 1902).
Ectomocoris flaviger LETHIERRY & SEVERIN 1896.
Ectomocoris posticus DISTANT 1902.
Eumenes (sic) *flaviger* DISTANT 1902.
Ectomocoris ochropterus LINNAVUORI 1972.

Material examined: Sistan & Baluchestan province, Zahedan, 1♀, 1369 m, IX-2004.

General distribution: Egypt, Eritrea, Ethiopia, India.

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Ectomocoris quadrimaculatus (SERVILLE) 1831 in MALDONADO 1990

Peirates quadrimaculatus SERVILLE 1831 in MALDONADO 1990.
Peirates 3-guttatus ERICHSON 1842.
Peirates quadrimaculatus AMYOT & SERVILLE, 1843.
Peirates trifenestratus STÅL 1855.
Ectomocoris quadrimaculatus STÅL 1866.
Pirates quadrimaculatus WALKER 1873.
Eumerus (*Eumerus*) *quadrimaculatus* STÅL 1874.
Ectomocoris quadrimaculatus var. *macroquadrimaculatus* HESSE 1925.
Ectomocoris quadrimaculatus STÅL 1972 in MALDONADO, 1990 (nec SERVILLE) LINNAVORI 1972 (synonymy in part with *E. caucasicus*).

Material examined: Kermanshah province, Kermanshah, 2♂♂, 1♀, 1294 m, IV-2003.

General distribution: Austral Africa, India, Intertropical, Iraq, Somalia.

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Author's addresses:

Hassan GHAHARI
Department of Agriculture
Islamic Azad University, Shahre Rey Branch, Tehran, Iran
E-mail: hghahari@yahoo.com

Rauno E. LINNAVUORI
Saukkokuja 10, FIN-21220 Raisio, Finland;
E-mail: rauno.linnavuori@kolumbus.fi

Pierre MOULET
Museum Requien, 67 rue Joseph Vernet, F-84000 Avignon; France
E-mail: musee.requien@mairie-avignon.com

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Maximilian SCHWARZ, Konsulent f. Wissenschaft der Oberösterreichischen Landesregierung, Eibenweg 6, A-4052 Ansfelden, E-Mail: maximilian.schwarz@liwest.at.

Redaktion: Erich DILLER, ZSM, Münchhausenstraße 21, D-81247 München;
Roland GERSTMEIER, Lehrstuhl f. Tierökologie, H.-C.-v.-Carlowitz-Pl. 2, D-85350 Freising
Fritz GUSENLEITNER, Lungitzerstr. 51, A-4222 St. Georgen/Gusen;
Wolfgang SCHACHT, Scherrerstraße 8, D-82296 Schöngeising;
Wolfgang SPEIDEL, MWM, Tengstraße 33, D-80796 München;
Thomas WITT, Tengstraße 33, D-80796 München.

Adresse: Entomofauna, Redaktion und Schriftentausch c/o Museum Witt, Tengstr. 33, 80796 München, Deutschland, E-Mail: thomas@witt-thomas.com; Entomofauna, Redaktion c/o Fritz Gusenleitner, Lungitzerstr. 51, 4222 St. Georgen/Gusen, Austria, E-Mail: f.gusenleitner@landesmuseum.at

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