

<i>Travaux du Muséum National d'Histoire Naturelle</i> «Grigore Antipa»	Vol. LIII	pp. 171–180	© Décembre 2010
--	-----------	-------------	--------------------

DOI: 10.2478/v10191-010-0013-8

**FAUNISTIC DATA ON SOME TRUE BUGS SPECIES (INSECTA:
HETEROPTERA) FROM WEST TURKEY**
[Results of the “Taurus” - 2005 and „Focida“ - 2006 expeditions]

CECILIA ȘERBAN

Abstract. The paper presents a list of Heteroptera species (except Miroidea) collected during the scientific expeditions carried out in Western Turkey between 2005-2006 by “Grigore Antipa” National Museum of Natural History (Bucharest) and NGO – “Oceanic Club” Society of Oceanographical Exploration and Protection of the Marine Environment of Constanța. Out of 516 true bug specimens, I identified 73 species grouped in 56 genera, belonging to 4 infraorders and 12 families. *Tarisa flavescens* is new record for Turkey.

Résumé. Le travail présente une liste des espèces de Hétéroptères (sauf Miroidea) recueillies au cours des expéditions scientifiques menées dans l’Ouest de la Turquie entre 2005-2006 par le Musée National d’Histoire Naturelle «Grigore Antipa» (Bucarest) et les ONG – «Oceanic Club» Société d’exploration océanographique et la protection du milieu marin de Constanța. Parmi les 516 exemplaires de Hétéroptères nous avons identifié 73 espèces regroupées en 56 genres, appartenant à 4 infra-ordres et 12 familles. *Tarisa flavescens* est une nouvelle espèce pour la Turquie.

Key words: Insecta, Heteroptera, Western Turkey, distribution, “Taurus” and “Focida” expeditions.

INTRODUCTION

The scientific project “*Romanian Contributions on the Mediterranean fauna research*” conducted by the “Grigore Antipa” National Museum of Natural History (Bucharest), in collaboration with NGO „Oceanic Club” Society of Oceanographical Exploration and Protection of the Marine Environment of Constanța resulted in a series of scientific expeditions made by specialists within partner institutions from countries of the Mediterranean basin. During these expeditions many specimens have been collected that enriched the scientific heritage of “Grigore Antipa” National Museum of Natural History of Bucharest.

True bugs (Heteroptera) presented in this paper were collected during expeditions “Focida” in 2005 and “Taurus” in 2006. Both expeditions were conducted in North-West, West and South-western parts of Turkey. Although the material received from the survey, it also included numerous specimens of the superfamily Miroidea, which are the subject of the subsequent paper.

MATERIAL AND METHOD

The material of Heteroptera was collected from 21 sites (Fig. 1) in Turkey during July-August, 2005 and 2006.

Collecting sites:

- Edirne region: Pehlivan köyü;
- Kirklareli region: Kanlı Dere;
- Çanakkale region: Troy Fortress (39°57'23''N, 26°14'51''E); 33 km North of Eceabat; 2 km West of Küçükkuyu; 10 km West of Küçükkuyu;

- Izmir region: Yenifoça, the coast of Aegean Sea (38°43'51''N, 26°44'32''E); Aliğa, the coast of Aegean Sea; Efes; Bergama, Bakır Çayı River (39°07'12''N, 27°11'27''E);
- Denizli region: Koruçuk (37°50'41''N, 29°08'29''E); Pamukkale (37°50'41''N, 29°08'29''E); Buharkent (37°54'45''N, 28°43'43''E); Menderes;
- Antalya province: Karaman River; Patara (Ova Gölü); Tekirova, Kemer area;
- Burdur region: Salda Lake; Karamanlı Barajı; Kizildere River;
- Muğla region: Ortaca, Dalaman Çayı River; Köyceğiz Lake, western shore.

The species were identified using keys made by Wagner (1966), Kis (1984, 2001), Moulet (1995), Derjanschi & Pericart (2005) and Rabitsch (2005). The nomenclature, systematics and information on the general distribution of the species are presented after Aukema & Rieger (1995, 1996, 1998, 2001, 2006), with respect to later changes.

The studied material is preserved in the Heteroptera collection of "Grigore Antipa" National Museum of Natural History, Bucharest.

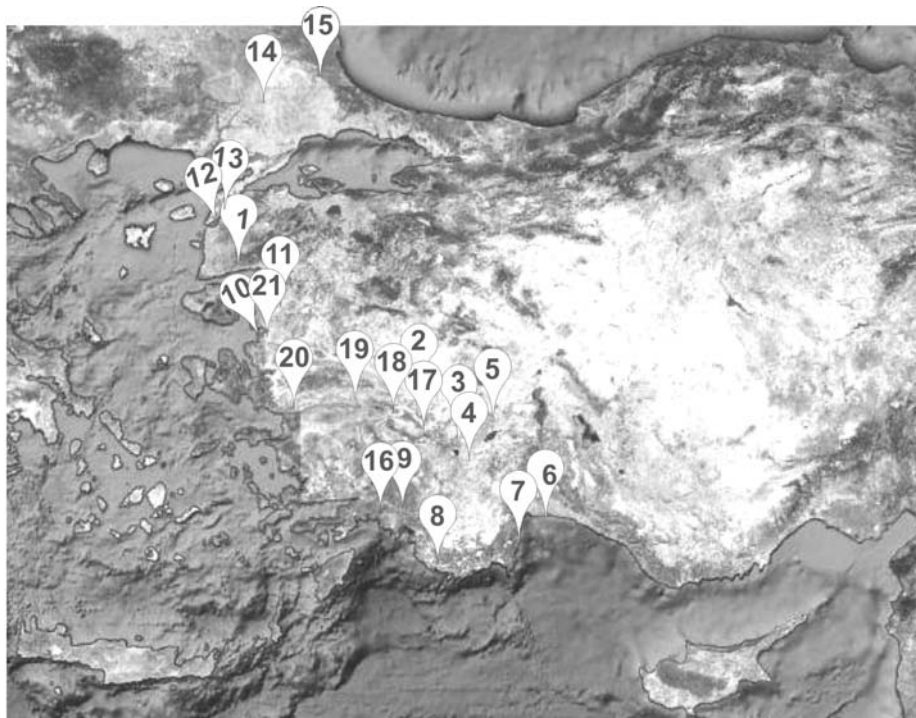


Fig. 1 - Heteroptera collecting sites from Western Turkey: 1, Küçükkuşu; 2, Pamukkale; 3, Salda Gölü; 4, Karamanlı Barajı; 5, Kizildere River; 6, Karaman River; 7, Tekirova; 8, Patara (Ova Gölü); 9, Dalaman Çayı River; 10, Yenifoça; 11, Bergama; 12, Troy; 13, Eceabat; 14, Pehlivan köyü; 15, Kanlı Dere; 16, Köyceğiz Gölü; 17, Koruçuk; 18, Buharkent; 19, Menderes; 20, Efes; 21, Aliğa.

Abbreviations:

Names of the collectors: Corneliu Pârnu – C.P.; Gabriel Chișamera – G.C.; Răzvan Popescu-Mirceni – R.P.M.; Răzvan Zaharia – R.Z.; Robert Bojor – R.B.; Sorin Grigore – S.G.

spec. (s) - specimen / s; reg. - region.

RESULTS AND DISCUSSIONS

All the 516 identified specimens belong to 73 species grouped in 56 genera, 12 families, 7 superfamilies and 4 infraorders. Although the diversity of Heteroptera fauna in Turkey is relatively well studied, one new species for Turkish fauna was discovered (Stichel, 1957-1962, cf. Önder et al., 2006; Aukema & Rieger, 1995, 1996, 1998, 2001, 2006).

Infraorder Cimicomorpha Leston, Pendergrast & Southwood, 1954
Superfamily Reduvidae Börner, 1910
Family Reduviidae Latreille, 1807

Coranus (Coranus) tuberculifer Reuter, 1881: 1 spec., Izmir Bergama reg., Bakir Çayı River, 01.08.2006, leg. C.P.

Rhynocoris (Rhynocoris) punctiventris (Herrich-Schaeffer, 1846): 13 specs: 4 ♀♀, 10 km West of Küçükkuyu, Çanakkale reg., 10.07.2005, leg. C.P., G.C.; 2 ♂♂, Patara - Ova Gölü, Antalya reg., 17.07.2005, leg. G.C.; 2 ♀♀, 1 ♂, 15 km West of Tekirova, Antalya reg., 16.07.2005, leg. C.P.; 1 spec., Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.; 3 ♀♀, Yenifoça, Aydın reg., leg. C.P.

Rhynocoris (Rhynocoris) erythropus (Linnaeus, 1767): 3 specs: 1 ♀, 1 ♂, Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.; 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. Z.R.

Infraorder Leptopodomorpha Stys & Kerzhner, 1975
Superfamily Saldoidea Amyot & Serville, 1843
Family Saldidae Amyot & Serville, 1843

Chartoscirta cincta cincta (Herrich-Schaeffer, 1841): 1 spec., Kizildere River, Burdur reg., 15.07.2006, leg. C.P.

Saldula arenicola arenicola (Scholtz, 1847): 6 specs: Menderes River, Koruçuk, Denizli reg., 13.07.2005, leg. C.P.

Saldula pallipes (Fabricius, 1794): 5 specs: 1 spec., Pehlivan köyü, Edirne reg., 28.07.2005, leg. C.P.; 1 ♂ 2 km West of Küçükkuyu, Çanakkale reg., 11.07.2005, leg. C.P.; 3 specs, Menderes, Koruçuk, Denizli reg., 13.07.2005, leg. C.P.

Infraorder Nepomorpha Popov, 1968
Superfamily Gerroidea Leach, 1815
Family Gerridae Leach, 1815

Aquarius ventralis (Fieber, 1861): 10 specs: 15 km West of Tekirova, Antalya reg., 16.07.2005, leg. C.P.

Superfamily Ochteroidea Kirkaldy, 1906
Family Ochteridae Kirkaldy, 1906

Ochterus (Ochterus) marginatus (Latreille, 1804): 4 specs: 4 ♀♀, Dalaman Çayı River, Muğla reg., Ortaca, 18.07.2005, leg. C.P.

Infraorder Pentatomomorpha Leston, Pendergrast & Southwood, 1954
 Superfamily Coreoidea Leach, 1815
 Family Alydidae Amyot & Serville, 1843

Alydus calcaratus (Linnaeus, 1758): 1 spec.: 1 ♂, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. C.P.

Camptopus lateralis (Germar, 1817): 7 specs: 1 ♂, Koruçuk, Denizli reg., 03.08.2006, leg. C.P.; 1 ♀, Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.; 2 ♂♂, 2 ♀♀, Pehlivan köyü, Edirne reg., 28.07.2005, leg. C.G; 1 ♂, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.

Family Coreidae Leach, 1815

Centrocoris spiniger (Fabricius, 1781): 4 specs: 1 ♀, 1 ♂, Kizildere River, Burdur reg., 15.07.2005, leg. C.P.; 1 ♀, 1 ♂, 10 km West of Küçük kuyu, Çanakkale reg., 10.07.2005, leg. C.P.

Centrocoris variegatus Kolenati, 1845: 6 specs: 3 ♀♀, 1 ♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 2 ♀♀, Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.

Coreus marginatus (Linnaeus, 1758): 43 specs: 14 ♀♀, 20 ♂♂, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P., C.G; 2 ♀♀, 1 ♂, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.; 1 ♂ 10 km West of Küçük kuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 1 ♂, Buharkent, Denizli reg., 4.08.2006, leg. C.P.; 2 ♀♀, 2 ♂♂, Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.

Coriomeris hirticornis (Fabricius, 1794): 9 specs: 1 ♂, Troy Fortress, Çanakkale reg., 07.08.2006, leg. C.P.; 4 ♂♂, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. C.G; 2 ♂♂, 10 km West of Küçük kuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 2 ♂♂, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.

Coriomeris vitticollis Reuter, 1900: 2 specs: 1 ♂, 10 km West of Küçük kuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 1 ♂, Yenifoça, Aydın reg., 23.07.2005, leg. C.P.

Gonocerus acuteangulatus (Goeze, 1778): 1 spec.: 1 ♀, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.

Family Rhopalidae Amyot & Serville, 1843

Agraphopus lethierryi Stål, 1872: 2 specs: 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 ♂, Koruçuk, Denizli reg., 03.08.2006, leg. C.P.

Brachycarenum tigrinus (Schilling, 1829): 3 specs: 2 ♂♂, Koruçuk, Denizli reg., 03.08.2006, leg. C.P.; 1 ♀, 10 km West of Küçük kuyu, Çanakkale reg., 10.07.2005, leg. C.P.

Corizus hyoscyami (Linnaeus, 1758): 6 specs: 1 ♂, Ortaca, Dalaman Çayı River, Muğla reg., 18.07.2005, leg. G.C.; 1 ♀, 10 km West of Küçük kuyu, Çanakkale reg., 10.07.2005, leg. G.C.; 1 ♂, Köyceğiz Lake, Muğla reg., 19.07.2005; 1 ♀, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.; 1 ♂, Yenifoça, Aydın reg., 23.07.2006, leg. C.P.; 1 ♀, Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.

Liorhyssus hyalinus (Fabricius, 1794): 26 specs: 2 ♀♀, 2 ♂♂, Ortaca, Dalaman Çayı River, Muğla reg., 18.07.2005, leg. C.P., C.G.; 6 ♀♀, 7 ♂♂, Kizildere River, Burdur reg., 15.07.2005, leg. C.P., G.C.; 2 ♀♀, 1 ♂, Menderes River, Koruçuk, Denizli reg., 13.07.2005, leg. C.P., G.C.; 1 ♂, Patara - Ova Gölü, Antalya reg., 17.07.2005, leg. C.P.; 1 ♀, 2 ♂♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 ♂, Bakir Çayı River, Izmir Bergama reg., 27.08.2006, leg. C.P.; 1 ♀, Burhanli, Çanakkale reg., 07.08.2006, leg. C.P.

Maccevechus errans caucasicus (Kolenati, 1845): 2 specs: 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 ♂, 10 km West of Küçükkuşu, Çanakkale reg., 10.07.2005, leg. C.P.

Rhopalus (Rhopalus) subrufus (Gmelin, 1790): 4 specs: 1 ♀, Pehlivanlık, Edirne reg., 28.07.2005, leg. G.C.; 2 ♂♂, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.; 1 spec., Kanlı Dere Koprusu, Kirklareli reg., 29.07.2005, leg. G.C.

Rhopalus (Rhopalus) rufus Schilling, 1829: 1 spec.: 1 ♂, Ortaca, Dalaman Çayı River, Muğla reg., 18.07.2005, leg. C.P.

Rhopalus (Rhopalus) parumpunctatus Schilling, 1829: 1 spec.: 1 ♂, Kizildere River, Burdur reg., 15.07.2005, leg. C.P.

Stictopleurus crassicornis (Linnaeus, 1758): 1 spec. AT: 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2006, leg. G.C.

Stictopleurus punctatonervosus (Goeze, 1778): 2 specs: 1 ♀, Yenifoça, Aydin reg., 23.07.2005, leg. C.P.; 1 ♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Stictopleurus pictus (Fieber, 1861): 1 spec.: 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. C.P.

Superfamily Lygeoidea Schilling, 1829

Family Berytidae Fieber, 1851

Gampsocoris punctipes (Germar, 1822): 1 spec., Pehlivanlık, Edirne reg., 28.07.2005, leg. G.C.

Family Lygaeidae Schilling, 1829

Caenocoris nerii (Germar, 1847): 1 spec., Dalaman Çayı River, Muğla reg., Ortaca, 18.07.2005, leg. C.P.

Cymophyes ochroleuca Fieber, 1870: 4 specs: 1 ♂, 3 ♀♀, Troy Fortress, Çanakkale reg., 07.08.2006, leg. C.P.

Eremocoris fenestratus (Herrich-Schaeffer, 1839): 2 specs: 1 ♀, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.; 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.

Geocoris (Piocoris) erythrocephalus (Lepelletier & Serville, 1825): 8 specs: 1 ♂, Düzlerçami, Karaman River, Antalya reg., 15.07.2005, leg. G.C.; 1 spec., Menderes River, Koruçuk, Denizli reg., 13.07.2005, leg. C.P.; 2 specs, Bakir Çayı River, Izmir Bergama reg., 27.08.2006, leg. C.P.; 1 spec., Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.; 2 specs, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 spec., Denizli reg., Pamukkale, 12.07.2005, leg. C.P. (Çakir & Önder, 1990)

Geocoris (Geocoris) lineola (Rambur, 1839): 1 spec.: 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P. (Çakir & Önder, 1990)

Kleidocerys ericae (Horváth, 1908): 1 spec.: 1 ♂, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.

Lygaeosoma sardeum Spinola, 1837: 1 spec.: 1 ♂, 10 km West of Küçükkuuyu, Çanakkale reg., 10.07.2005, leg. C.P.

Lygaeus equestris (Linnaeus, 1758): 14 specs: 1 ♀, 1 ♂, Yenifoça, Aydın reg., 23.07.2006, leg. C.P.; 2 ♀♀, 10 km West of Küçükkuuyu, Çanakkale reg., 10.07.2005, leg. C.P., G.C.; 1 spec., Kizildere River, Burdur reg., 15.07.2005, leg. C.P.; 2 ♂♂, 1 spec., Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.; 2 ♂♂, Ortaca, Dalaman Çayı River, Muğla reg., 18.07.2005, leg. C.P.; 1 spec., Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.; 4 ♂♂, Bakir Çayı River, İzmir Bergama reg., 01.08.2006, leg. C.P.

Oxycarenus hyalinipennis (Costa, 1843): 3 specs: Burhanli, Çanakkale reg., 07.08.2006, leg. C.P.

Nysius senecionis (Schilling, 1829): 28 specs: 1 ♀, 1 ♂, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.; 1 ♀, 1 ♂, Pehlivan köyü, Edirne reg., 28.07.2005, leg. G.C.; 1 ♀, Yenifoça, Aydın reg., 23.07.2005, leg. C.P.; 12 specs, Bakir Çayı River, İzmir Bergama reg., 01.08.2006, leg. C.P.; 4 specs, Bakir Çayı River, İzmir Bergama reg., 27.08.2006, leg. C.P.; 1 ♂, 6 specs, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Rhyparochromus vulgaris (Schilling, 1829): 1 spec., Menderes River, Koruçuk, Denizli reg., 13.07.2005, leg. C.P.

Spilostethus pandurus (Scopoli, 1763): 3 specs: 3 ♂♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Tropidothorax leucopterus (Goeze, 1778): 3 specs: 1 ♂, Patara - Ova Gölü, Antalya reg., 17.07.2005, leg. G.C.; 1 ♂, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.; 1 ♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Family Pyrrhocoridae Amyot & Serville, 1843

Pyrrhocoris apterus (Linnaeus, 1758): 1 spec.: 1 ♀, Kizildere River, Burdur reg., 15.07.2005, leg. C.P.

Superfamily Pentatomoidea Leach, 1815

Family Pentatomidae Leach, 1815

Aelia acuminata (Linnaeus, 1758): 10 specs: 3 ♀♀, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.; 2 ♀♀, Pehlivan köyü, Edirne reg., 28.07.2005, leg. G.C.; 1 ♀, Ortaca, Dalaman Çayı River, Muğla reg., 18.07.2005, leg. C.P.; 1 ♀, Kizildere River, Burdur reg., 15.07.2005, leg. C.P.; 2 ♀♀, 1 ♂, Burhanli, Çanakkale reg., 07.08.2006, leg. C.P.

Ancyrosoma leucogrammes (Gmelin, 1790): 12 specs: 3 ♀♀, 1 ♂, Pehlivan köyü, Edirne reg., 28.07.2005, leg. C.P., G.C.; 2 ♀♀, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.; 2 ♀♀, 1 ♂, 10 km West of Küçükkuuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.; 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. S.G.; 1 ♂, Troy Fortress, Çanakkale reg., 07.08.2006, leg. C.P. (Karsavuran et al., 2008)

Anthemina lunulata (Goeze, 1778): 2 specs: 1 ♀, 1 ♂, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.

Apodiphus amygdali (Germar, 1817): 1 spec.: 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.

Carpocoris (Carpocoris) fuscispinus (Boheman, 1850): 1 spec. AT: 1 ♂, 10 km West of Küçükkuuyu, Çanakkale reg., 10.07.2005, leg. C.P.

Carpocoris (Carpocoris) mediterraneus Tamanini, 1959: 20 specs: 3 ♀♀, 1 ♂, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.; 1 ♂, Dalaman Çayı River, Muğla reg., Ortaca, 18.07.2005, leg. C.P.; 4 ♀♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.; 3 ♀♀, Troy Fortress, Çanakkale reg., 07.08.2006, leg. C.P.; 5 ♀♀, 2 ♂♂, Burhanlı, Çanakkale reg., 07.08.2006, leg. C.P.; 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Carpocoris (Carpocoris) pudicus (Poda, 1761): 2 specs: 1 ♂, Köyceğiz Lake western shore, Muğla reg., 19.07.2005, leg. G.C.; 1 ♀, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.

Carpocoris (Carpocoris) purpureipennis (De Geer, 1773): 9 specs: 2 ♂♂, 3 ♀♀, 10 km West of Küçükkuuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 1 ♂, Yenifoça, Aydın reg., 23.07.2006, leg. C.P.; 2 ♂♂, 1 ♀, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.

Codophila varia (Fabricius, 1787): 5 specs: 1 ♀, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.; 1 ♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 ♂, Bakir Çayı River, İzmir Bergama reg., 01.08.2006, leg. C.P.; 1 ♀, Aliğa (Aegean Sea), İzmir reg., 06.08.2006, leg. R.P.M.; 1 ♂, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P. (Karsavuran et al., 2008)

Dolycoris baccarum (Linnaeus, 1758): 3 specs: 1 ♀, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. G.C.; 1 ♀, 1 ♂, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.

Eurydema (Rubrodorsalium) spectabilis Horváth, 1882: 14 specs AT: 7 ♀♀, 7 ♂♂, Düzlerçami, Karaman River, Antalya reg., 15.07.2005, leg. G.C.

Eurydema (Eurydema) ornata (Linnaeus, 1758): 9 specs: 4 ♀♀, 1 ♂, Karamanlı Barajı, Burdur reg., 15.07.2005, leg. G.C.; 1 ♂, Patara - Ova Gölü, Antalya reg., 17.07.2005, leg. G.C.; 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 ♀, Koruçuk, Denizli reg., 03.08.2006, leg. C.P.; 1 ♂, Bakir Çayı River, İzmir Bergama reg., 01.08.2006, leg. C.P. (Karsavuran et al., 2008)

Eurydema (Rubrodorsalium) ventralis Kolenati, 1846: 1 spec.: 1 ♂, Karamanlı Barajı, Burdur reg., 15.07.2005, leg. G.C.

Eysarcoris venustissimus (Schrank, 1776): 1 spec.: 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Eysarcoris ventralis (Westwood, 1837): 6 specs: 1 ♀, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.; 2 ♀♀, 1 ♂, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.; 1 ♀, Patara - Ova Gölü, Antalya reg., 17.07.2005, leg. G.C.; 1 ♀, Menderes River, Koruçuk, Denizli reg., 13.07.2005, leg. C.P.

Graphosoma lineatum (Linnaeus, 1758): 85 specs: 7 ♀♀, 7 ♂♂, 10 km West of Küçükkuuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 4 ♀♀, Yenifoça, Aydın reg., 23.07.2005, leg. C.P.; 1 ♀, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P.; 3 ♀♀, 4 ♂♂, Menderes River, Koruçuk, Denizli reg., 13.07.2005, leg. C.P.; 3 ♀♀, 2 ♂♂, Patara - Ova Gölü, Antalya reg., 17.07.2005, leg. G.C.; 1 ♀, Patara Beach (instead of Esen Cayiriver), 18.07.2005, leg. G.C.; 8 ♀♀, 6 ♂♂, 2 km West of Küçükkuuyu, Çanakkale reg., 11.07.2005, leg. C.P.; 1 ♀, 5 ♂♂, Köyceğiz Lake, Muğla reg., 19.07.2006, leg. G.C.; 1 ♂, 15 km West of Tekirova, Antalya reg., 16.07.2005, leg. C.P.; 11 ♀♀, 14 ♂♂, Buharkent, Denizli reg., 04.08.2006, leg. C.P.; 1 ♂, Pamukkale, Denizli reg., 03.08.2007, leg. R.B.; 2 ♂♂, Bakir Çayı River, İzmir Bergama reg., 01.08.2006, leg. C.P.

Graphosoma semipunctatum (Fabricius, 1775): 16 specs: 2 ♀♀, 8 ♂♂, 2 km West of Küçükkuyu, Çanakkale reg., 11.07.2005, leg. C.P.; 3 ♀♀, 3 ♂♂, Troy Fortress, Çanakkale reg., 07.08.2006, leg. C.P.

Peribalus strictus strictus (Fabricius, 1803): 1 spec.: 1 ♂, Karamanli Baraji, Burdur reg., 15.07.2005, leg. G.C.

Mustha spinosula (Lefebvre, 1831): 3 specs: 1 ♂, Efes, Izmir reg., 02.08.2006, leg. C.P.; 1 ♀, 1 ♂, Pamukkale, Denizli reg., 03.08.2007, leg. R.B.

Neottiglossa pusilla (Gmelin, 1790): 2 specs AT: 1 ♂, 1 ♀, Düzlerçami, Karaman River, Antalya reg., 15.07.2005, leg. G.C.

Nezara viridula (Linnaeus, 1758): 1 spec. AT: 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.

Palomena prasina (Linnaeus, 1761): 2 specs: 2 ♀♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P.

Sciocoris (Aposciocoris) macrocephalus Fieber, 1851: 1 spec.: 1 ♀, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.

Stagonomus (Dalleria) bipunctatus bipunctatus (Linnaeus, 1758): 1 spec.: 1 ♀, Köyceğiz Lake, Muğla reg., 19.07.2005, leg. G.C.

Staria lunata (Hahn, 1835): 1 spec.: 1 ♀, Bakir Çayı River, Izmir Bergama reg., 01.08.2006, leg. C.P.

Tarisa flavescens Amyot & Serville, 1843: 1 spec.: 1 ♀, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P. (Fig. 1).

Comment. Species distributed in France, Greece, Poland, Spain; North Africa: Canary Isles, Morocco, Madeira, Tunisia (Aukema & Rieger, 2006; Stichel, 1957-1962). *New record for Turkey.*

Tholagmus flavolineatus (Fabricius, 1798): 5 specs: 2 ♂♂, 33 km North of Eceabat, Çanakkale reg., 28.07.2005, leg. C.P., G.C.; 1 ♀, 1 ♂, Burhanli, Çanakkale reg., 07.08.2006, leg. C.P.; 1 ♀, Buharkent, Denizli reg., 04.08.2006, leg. C.P. (Karsavuran et al., 2008)

Ventocoris (Ventocoris) trigonus (Krynicky, 1871): 43 specs: 1 ♂, 10 km West of Küçükkuyu, Çanakkale reg., 10.07.2005, leg. C.P.; 1 ♂, Pehlivan köy,



Fig. 1 - *Tarisa flavescens*. A, dorsal view; B, lateral view (original).

Edirne reg., 28.07.2005, leg. G.C.; 15 ♀♀, 26 ♂♂, Troy Fortress, Çanakkale reg., 07.08.2006, leg. C.P.

Zicrona caerulea (Linnaeus, 1758): 1 spec.: 1 ♀, Ortaca, Dalaman Çayı River, Muğla reg., 18.07.2005, leg. C.P.

Family Scutelleridae Leach, 1815

Odontotarsus purpureolineatus (Rossi, 1790): 1 spec.: 1 ♂, 10 km West of Küçükuyu, Çanakkale reg., 10.07.2005, leg. C.P.

Odontotarsus robustus Jakovlev, 1884: 3 specs: 2 ♀♀, 1 ♂, Salda Gölü, Burdur reg., 14.07.2005, leg. C.P.

ACKNOWLEDGEMENTS

I want to thank Dr. Corneliu Pârvu, scientist of the “Grigore Antipa” National Museum of Natural History (Bucharest), for kindness and trust on the study of this material, and also to Dr. Gabriel Chișamera, scientist of the same museum, for collegiality which proved unconditionally. Thanks also to Dr. Meral Fent, Trakya University, Faculty of Arts and Science, Department of Biology, Edirne for providing “The Catalogue of the Heteroptera of Turkey”.

I would also like to thank Mr Petr Kment from Prague National Museum (Czech Republic) for his constructive comments, publishing tips and valuable papers of Palaearctic Heteroptera he has provided me.

DATE FAUNISTICE ASUPRA UNOR HETEROPTERE (INSECTA: HETEROPTERA) DIN VESTUL TURCIEI

[Rezultatele expedițiilor „Taurus” – 2005 și „Focida” – 2006]

REZUMAT

Lucrarea prezintă o listă a speciilor de heteroptere colectate în timpul expedițiilor efectuate în vestul Turciei, între 2005-2006, de către specialiști din cadrul Muzeului Național de Istorie Naturală „Grigore Antipa” (București) în colaborare cu Societatea de Explorări Oceanografice și Protecție a Mediului Marin „Oceanic-Club” din Constanța. Din cele 516 exemplare heteroptere investigate am identificat 73 specii grupate în 56 genuri, aparținând la 4 infraordine, 7 suprafamilii și 12 familii. Deși studii privind diversitatea faunei de heteroptere în Turcia sunt numeroase, în materialul investigat am identificat o specie nouă pentru teritoriul Turciei, *Tarisa flavescens* Amyot & Serville, 1843.

LITERATURE CITED

- AUKEMA, B., C. RIEGER, 1995 - Catalogue of the Heteroptera of the Palaearctic Region 1. Published by the Netherlands Entomological Society, 222 pp.
- AUKEMA, B., C. RIEGER 1996 - Catalogue of the Heteroptera of the Palaearctic Region 2. Published by the Netherlands Entomological Society, 361 pp.
- AUKEMA, B., C. RIEGER 1998 - Catalogue of the Heteroptera of the Palaearctic Region 3. Published by the Netherlands Entomological Society, 350 pp.
- AUKEMA, B., C. RIEGER 2001 - Catalogue of the Heteroptera of the Palaearctic Region 4. Published by the Netherlands Entomological Society, 346 pp.
- AUKEMA, B., C. RIEGER 2006 - Catalogue of the Heteroptera of the Palaearctic Region, Pentatomomorpha II, 5. Published by the Netherlands Entomological Society, 550 pp.
- ÇAKIR, S., F. ÖNDER, 1990 - Some systematic and faunistic studies on Geocorinae (Het.: Lygaeidae) from Turkey. Türkiye Entomoloji Derneği, 14 (1): 37-52.
- DERJANSCHI, V., J. PÉRICART, 2005 - Hémiptères Pentatomoidea euro-méditerranéens, 1, Généralités, Systématiques: première partie, Faune de France, 90, France et régions limitrophes. Fédération Française des Sociétés de Sciences Naturelles, 489 pp.
- KARSAVURAN, Y., O. DEMİRÖZER, B. ASLAN, I. KARACA, 2008 - Studies on Pentatomidae and Scutelleridae (Heteroptera) fauna of Isparta Province (Turkey). Journal of Entomology, 5 (3): 213-217.

- KIS, B., 1984 - Heteroptera, partea generală și suprafamilia Pentatomoidea. *In: Insecta, Fauna R. S. România*, 8 (8) :1-214. Edit. Academiei Republicii Socialiste România, București. (in Romanian)
- KIS, B., 2001 - Heteroptera, Suprafamiile Coreoidea și Pyrrhocorioidea. *In: Insecta, Fauna României*, 8 (9): 1-93. Edit. Academiei Române, București. (in Romanian)
- MOULET, P., 1995 - Hemiptères Coreoidea (Coreidae, Rhopalidae, Alydidae) Pyrrhocoridae, Stenocephalidae Euro-Méditerranéens, Faune de France, 81, France et régions limitrophes. Fédération Française des Sociétés de Sciences Naturelles, 336 pp.
- ÖNDER, F., Y. KARSAVURAN, S. TEZCAN, M. FENT, 2006 - Türkiye Heteroptera (Insecta) Kataloğu (Heteroptera (Insecta) Catalogue of Turkey). Meta BMH. Bornova, Izmir, 166 pp. (in Turkish)
- RABITSCH, W., 2005 - Spezialpraktikum Aquatische und Semiaquatische Heteroptera: 1-46. Wien.
- STICHEL, W., 1957-1962 – Illustrierte Bestimmungstabellen der Wanzen, II. Europa (Hemiptera-Heteroptera Europae), volumen 4. Berlin-Hermsdorf, Martin-Luther Strabe, 39: 498-505.
- WAGNER, E., 1966 - Wanzen oder Heteropteren I. Pentatomorpha. Die Tierwelt Deutschlands, Jena, 55: 1-179.

Received: March 22, 2010
Accepted: September 30, 2010

Complex Muzeal de Științele Naturii Galați
Str. Regiment 11 Siret, nr. 6A, 800340, Galați, România
e-mail: cecilia@cmsngl.ro