

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 544

Hemiptera: Heteroptera: Anthocoridae

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Cardiastethus fasciiventris (Garbiglietti, 1869). Bohemia centr.: Praha-Troja, Podhoří (50°07.836'N 14°24.089'E, 5852), on dwarf cultivar of *Picea* forming a hedge, 11.vi.2023, 2 ♂♂ 3 ♀♀, Z. Jindra lgt. et det., P. Kment revid. (2 ♂♂ 2 ♀♀ in coll. Jindra, 1 ♀ in coll. National Museum of the Czech Republic, Praha); Všechný near Veltrusy (50°17.418'N 14°20.269'E, 5752), on *Fraxinus* sp., 5.viii.2020, 1 ♀, Z. Jindra lgt., det. et coll., P. Kment revid.; Dobřichovice, Pražská St. (49°56'08.0"N 14°17'05.0"E, 6051), aerial suction trap, 11.vii.–17.vii.2022, 1 ♂, 25.vii.–31.vii.2022, 1 ♀, 8.viii.–14.viii.2022, 1 ♂, 8.v.–14.v.2023, 1 ♂, 5.vi.–11.vi.2023, 1 ♂, 31.vii.–6.viii.2023, 3 ♂♂, 11.ix.–17.ix.2023, 1 ♂, all K. Hradil lgt., det. et coll. Moravia mer.: Brno-Chrlice, U Jezu St. (49°07'25.856"N 16°38'2.599"E, 6865), aerial suction trap, 4.ix.–10.ix.2023, 1 ♂, K. Hradil lgt., det. et coll.; Hnanice, Fládnitzské vřesoviště Natural Monument (48°48'21.43"N 15°58'57.68"E, 7161), on *Pinus* sp., 16.vii.2022, 1 ♂, K. Hradil lgt., det. et coll.

Euro-Mediterranean species seemingly expanding in Central Europe in the past two decades (Korcz 2010, Friess et al. 2021, Schäfer & Hannig 2020), currently reaching as far north as Berlin (Winkelmann 2021). It is known from Austria, Belgium, France, Germany, Great Britain, Greece, Hungary, Italy, Luxembourg, Netherlands, North Macedonia, Poland, Portugal, ? Russia (Caucasus), Serbia, Spain, Switzerland; Algeria, Egypt, Morocco, Tunisia; and from Iran (Mazandaran) (Péricart 1972, 1996, Ghahari et al. 2009, Aukema et al. 2013, Aukema 2023). Not much is known about the biology of this hidden-lifestyle, predatory species; in Central Europe it has one generation per year and the adults overwinter. The adults are found on various trees and shrubs, most frequently on *Pinus* spp., but also on *Abies*, *Picea*, *Tsuga canadensis*, *Juniperus communis*, *Chamaecyparis*, *Thuja*, *Populus tremula*, *Betula*, *Carpinus*, fruit trees (especially *Malus*), *Crataegus*, *Prunus spinosa*, *Corylus avellana*, *Cytisus scoparius*, *Rhododendron*, *Hedera*, etc. (only Central European examples given here). It was observed on male flowers of pine trees or on the small branches of old apple trees covered with lichens, but also in cut hay or in a nest box of the Great Tit (*Parus major*) (Péricart 1972, Kallenborn 2006, Guidone et al. 2007, Aukema & Hermes 2009, Wachmann et al. 2006, Korcz 2010, Aukema 2016). Our present records from aerial suction traps confirm the good migration abilities of the species. New species for the Czech Republic.

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Fig. 1. The minute pirate bug *Cardiasethus fasciventris* (Garbiglietti, 1869), female specimen from Všešudy (body length 2.39 mm). Photograph by P. Kment.

Obr. 1. Hladěnka světlá (*Cardiasethus fasciventris* (Garbiglietti, 1869)), samice z Všešud (délka těla 2,39 mm). Fotografie P. Kment.



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