

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 315

Heteroptera: Lygaeidae

Belonochilus numenius (Say, 1831). Moravia mer., Pouzdřany (7065), near the railway station, 12.ix.2011, 5 ♂♂ 7 ♀♀, 2 larvae, on ripe fruits in the treetop of *Platanus x hispanica*, K. Hradil lgt. et det. (coll. K. Hradil, 1 ♂ 1 ♀ in coll. National Museum, Praha). The specimens were collected together with some adults and larvae of *Corythucha ciliata* (Say, 1832) (Tingidae) on leaves and many adults of *Arocatus longiceps* Stål, 1872 (Lygaeidae).

Belonochilus numenius is a Nearctic species native to southern Canada (Ontario) (Ashlock & Slater 1988, Maw et al. 2000), the United States (Arizona, California, Connecticut, Florida, Iowa, Illinois, Indiana, Kansas, Maryland, Massachusetts, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Texas, Washington D.C.) (Slater 1964, Ashlock & Slater 1988, Sweet 2000) and Mexico (Slater 1964, Wheeler 1984). In Europe it was first discovered in 2008 in France (Matocq 2008), and subsequently found in 2009 in Spain (Gessé et al. 2009) and Italy (Küchler & Strauß 2010). In Austria it was first found in 2010 in Burgenland, while in 2011 it was already widespread and collected in 16 sites in Burgenland, Carinthia, Lower Austria, Styria, and Vienna (Rabitsch et al. 2011).

This species lives on the seeds of *Platanus* spp. (e.g. *Platanus occidentalis*, *P. x hispanica*) and develops both on the fruit heads in crowns as well as on the fallen fruits lying on the ground (Wheeler 1984, Sweet 2000). Occasionally it can also develop on other plants: *Celtis occidentalis*, *Salix* sp., *Solidago* sp. or *Ambrosia trifida*. In Pennsylvania, the species overwinters as eggs (laid in the fruits), and produces three or possibly even four (partial) generations per year. Rarely also overwintering adults can be found under the bark of plane trees (records from the southern USA). Larval development in the laboratory requires an average of 28.8 days at 20°C (Wheeler 1984). For identification see Gessé et al. (2009) and Küchler & Strauß (2010), for description of egg and larval instars see Wheeler (1984).

New alien species for the Czech Republic.

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