

## The first records of *Callopistromyia annulipes* (Macquart, 1855) (Diptera: Ulidiidae) from the Czech Republic

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**Abstract:** The peacock fly *Callopistromyia annulipes* (Macquart, 1855) (Diptera: Ulidiidae) is recorded from the localities Libušín and Praha, both in Central Bohemia. The species represents a new addition to the fauna of Diptera of the Czech Republic. An updated distribution of this alien species in Europe is briefly summarised.

**Key words:** Diptera, Ulidiidae, Europe, Czech Republic, distribution, new record

### Introduction

The peacock fly *Callopistromyia annulipes* (Macquart, 1855) is a member of picture-winged flies of the subfamily Otitinae (Ulidiidae). This Nearctic species (Steyskal 1979, Kameneva & Korneyev 2006) was recently introduced to Central Europe, the first European record came from Switzerland in 2007 (Merz 2008). Later on, this species spread through Europe rapidly, thus its occurrence in the Czech Republic has been expected. The first data from the country are presented below.

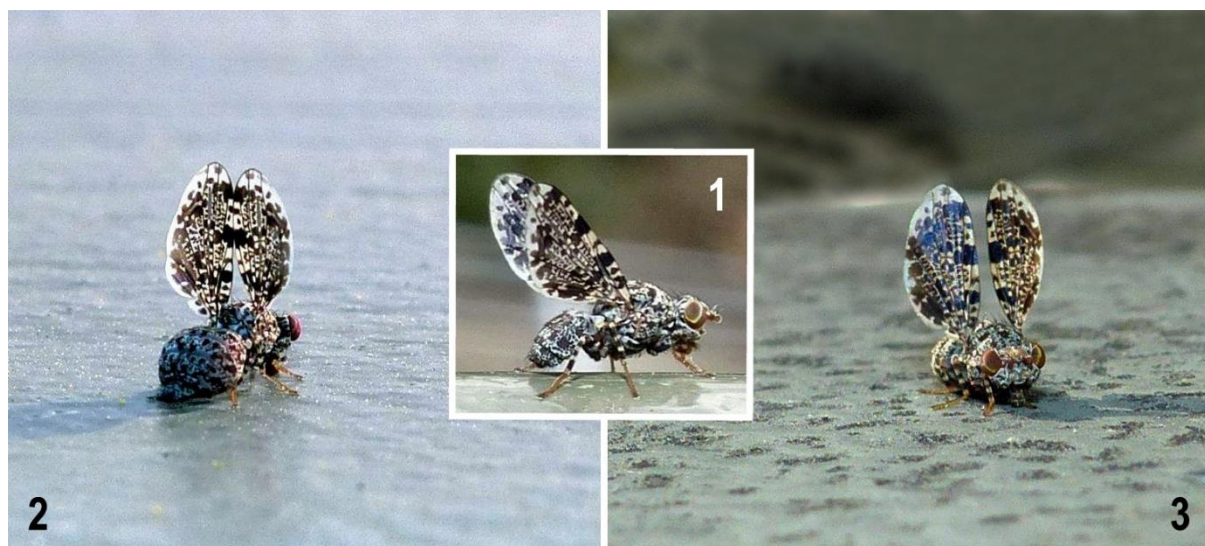
### Results

**Material examined:** CZECH REPUBLIC: C Bohemia: Libušín (5850), garden with fruit orchard on southwestern periphery of a village, 50°9'36.3"N, 14°3'1.7"E, 30.iv.-21.v.2016, 1 ♂, beer trap, J. Horáčková leg., L. Dvořák det., coll. Municipal Museum Mariánské Lázně (MML); Praha-Troja (5852), ZOO, 50°7'1.3"N, 14°24'21"E, 31.vii.2016, 1 ♂, L. Klaschková photo et det., L. Dvořák revid. (Figs 1-3).

**Distribution:** *Callopistromyia annulipes* is a native species in the USA and Canada (Steyskal 1975, 1979, Kameneva & Korneyev 2006), in Europe it has been recorded from Austria, France, Germany, Italy, Slovakia, Slovenia, Switzerland, the Netherlands (Korneyev *et al.* 2014), and very recently also from Hungary (Kameneva & Pekarsky 2016).

**Biology:** Females of *C. annulipes* lay eggs into dead or dying trees, puparia were found under the bark of maples (Steyskal 1979). According to label data, some specimens were also collected on wounds of various deciduous trees (*Ulmus*, *Acer*, *Populus*) (Kameneva & Korneyev 2006). Due to this fact it is not surprising, that *C. annulipes* is regularly attracted to beer traps (Korneyev *et al.* 2014 and this paper).

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**Figs 1–3:** *Callopistromyia annulipes* (Macquart, 1855), male from Praha-Troja. Body length ca 5 mm.  
Photo: L. Klaschková.

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