

Scientific note

Puliciphora calix Carles-Tolrá, 2011 new for the Italian fauna

(Diptera: Phoridae)

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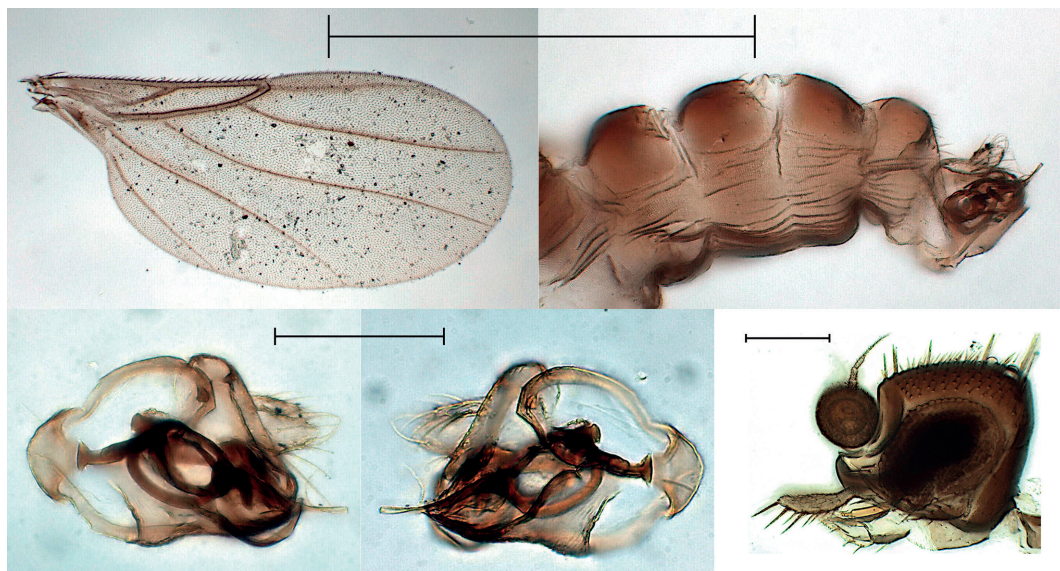


Fig. 1. *Puliciphora calix* Carles-Tolrá, 2011, ♂. Top left: right wing. Top right: abdomen lateral view. Bottom left: hypopygium lateral view (inner structures, penis complex). Bottom middle: hypopygium view from below, rotated 90 degrees counter-clockwise. Bottom right: head lateral view. Scale bars: 1 mm (top) and 0.1 mm (bottom).

The genus *Puliciphora* Dahl, 1897 (Diptera: Phoridae) is represented in the European fauna by three species: *P. borinquensis* Wheeler, 1906, *P. rufipes* Silva Figueroa, 1916 and *P. calix* Carles-Tolrá, 2011. *P. borinquensis* is a circumtropical, widely distributed species. It has recently been recorded for the first time for the European mainland (Grundmann & Kappert 2023). During a study on the influence of forest fires on arthropod diversity in southern Italy (Oliva et al. 2023) one specimen of *Puliciphora calix* was collected by pitfall traps. The study was carried out in the Parco Nazionale dell'Aspromonte

(Calabria, San Luca (RC), Bosco di Acatti, 21.vi.2022, 38°80'36"N, E 15°58'49"E). This is a region with high biodiversity of plants and animals. Typical habitats are beech, pine and oak forests, wetlands and mountain meadows. For the identification of the specimen the key to the Palearctic species of the genus *Puliciphora* by Disney & Michailovskaya (2001) and the paper by Carles-Tolrá (2011) were used. The specimen is stored in the spessart-fliegen.de collection of the second author, slide number 4007, specimen number 6496. *P. calix* is hitherto known from the type locality in Andorra, central Pyrenees

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(Carles-Tolrá 2011), from Spain (Carles-Tolrá 2024) and from the French Pyrenees (Disney 2018). Disney (2018) describes the female for the first time. Thus, the record is new for Italy and is the first one outside the Iberian Peninsula and the Pyrenees.

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