



### **A nomenclatural note on European *Chalarus* (Diptera: Pipunculidae): a new synonymy of *C. elegantulus* Jervis, 1992**

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Recently, Kehlmaier & Assmann (2008) presented a revision of the European representatives of the big-headed fly genus *Chalarus* Walker, 1834. The work introduced four previously unknown taxa and provided diagnoses of all other known species, illustrated through numerous line drawings and photo-micrographs. In total, the authors treated 25 species including one nomen dubium. Three of these were known from males only and five solely from females. Taxonomic decision-making was backed up by molecular evidence, published partly therein and in the context of a phylogenetic study of the subfamily Chalarinae (Kehlmaier & Assmann 2010). Despite large collecting efforts, three taxa could not be analysed genetically, namely *C. argenteus* Coe, 1966, *C. elegantulus* Jervis, 1992 and *C. proprius* Jervis, 1992, all representing species based on females only. Shortly after the publication of the above mentioned revision, a specimen of *C. elegantulus* was identified amongst material sent by Dr. Gunilla Ståhls (Finnish Museum of Natural History, Helsinki): 1 ♀, Finland, Ab (Regio aboënsis), Karjalohja, Karkalinniemi, 66581:33221, control trap #2, 25.VI.–22.VII.2007, leg. G. Ståhls, coll. C. Kehlmaier. The 5' half of the mitochondrial cytochrome oxidase subunit 1 (CO1) gene was sequenced following standard lab procedures (see Kehlmaier & Assmann 2010) using the primer pair LCO1490 and HCO2198 (Folmer et al. 1994). The resulting DNA-barcode (Genbank sequence accession number: FN999909) was compared against a set of reference *Chalarus* barcode sequences and matched *C. absconditus* Kehlmaier in Kehlmaier & Assmann, 2008 syn. nov., a species known from male specimens only, sharing an identical haplotype.