



Description of the male *Eufriesea theresiae* (Mocsáry, 1908) (Hymenoptera: Apidae: Euglossina), with illustration of the holotype and comments on its geographic distribution, including a new record for the state of Pará, northern Brazil

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Members of *Eufriesea* Cockerell, 1908 (Hymenoptera: Apidae: Euglossina) are highly seasonal (Kimsey 1982) and, thus, usually poor represented in entomological collections. Even when active, *Eufriesea* spp. rarely occur in high densities; *Eufriesea violacea* (Blanchard, 1840) being one of the few exceptions (*e.g.*, Uehara-Prado & Garófalo 2006). Moreover, males of some species seem to be poorly attracted to the chemicals usually used in orchid-bee inventories (see discussion in Nemésio & Silveira 2004). Thus, many species of *Eufriesea* are known from few specimens, some of them only from the type series or type specimens.

Eufriesea theresiae (Mocsáry, 1908) was described based on a single female specimen from Tefé, state of Amazonas, Brazilian Amazon, and its biology remains virtually unknown. It has been known only from females. Moure (1976) examined four female specimens (the holotype being one of them). Kimsey (1982) examined only two female specimens (both previously studied by Moure) and expressly stated that males were unknown. Ramírez *et al.* (2002) reported specimens deposited in Moure (DZUP) and Camargo (RPSP) collections. All these, except the specimens in Camargo collection, are old specimens, collected in the late nineteenth or early twentieth centuries (see Table 1). Smith-Pardo (2003) and Vélez-Ruiz (2009) mentioned specimen(s) from Colombia deposited at the American Museum of Natural History, but no further information was given. Bonilla-Gómez & Nates-Parra (1992) also listed *E. theresiae* as occurring in Colombia, but there is no information on exact locality, collection date or repository, though it is noticeable that it was only included in their key for females, indicating that no males were seen/examined. Silveira *et al.* (2002) only listed *E. theresiae* as occurring in Amazonas (in Brazil). I have only examined two female specimens, both from Manaus, state of Amazonas, collected by M. de Carmo on 8th of November, 1991, and currently deposited at RPSP under accession numbers 941978 and 941979. Besides, I received the photograph of the type specimen *E. theresiae*, which is reproduced here as Figure 1 (labels depicted as Figure 2).

TABLE 1. Known number of specimens of *Eufriesea theresiae* (Mocsáry, 1908), their repositories, gender, collection dates, local and country of collection.

Repository	Number of specimens	Gender	Collection date	Locality	Country	Source
HNM	1	female	? <1908	Tefé, Amazonas	Brazil	Mocsáry 1908
MNHN	1	female	1903	Massif de l'Acaronani	French Guyana	Moure 1976
AMNH	?	?	?	?	Colombia	Smith-Pardo 2003 Vélez-Ruiz 2009
AMNH	1	female	1938	Alto Mazaruni	Guiana	Moure 1976, Kimsey 1982
RPSP	2	females	1991	Manaus	Brazil	This work, Ramírez <i>et al.</i> 2002
UFMG	1	male	2005	Santarém	Brazil	This work
DZUP(?)	1	female	?	Rio Zamora	Ecuador	Moure 1976