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Neotropical *Ablabesmyia* Johannsen (Diptera: Chironomidae, Tanypodinae)–Part I

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Abstract

This is a series of three manuscripts about the genus *Ablabesmyia*. In the first new species are described, three species are re-examined and keys to males, pupae and larvae of known neotropical species are provided and an emended generic diagnosis of *Ablabesmyia* is given. The second manuscript will analyze the molecular data of Neotropical species and the third one will check, through a phylogenetic analysis, the truth of subgenera. In this study, twenty-four new species of *Ablabesmyia* Johannsen are described and figured: *A. arquata*, *A. cauame*, *A. commata*, *A. communiba*, *A. cordeiroi*, *A. depaulai*, *A. diversa*, *A. ducke*, *A. fazzari*, *A. fusariae*, *A. gessnerae*, *A. gigas*, *A. jaquirana*, *A. laurindoi*, *A. manauara*, *A. martha*, *A. novema*, *A. parannulata*, *A. parareissi*, *A. pinhoi*, *A. rafaeli*, *A. separata*, *A. strixinoae* and *A. suiamissu*. We re-examined *A. cinctipes* (Johannsen), *A. infumata* (Edwards) and *A. metica* Roback. The species were collected in Brazil, in lentic systems. Keys to males, pupae and larvae of known neotropical species of the genus *Ablabesmyia* are provided and an emended generic diagnosis of *Ablabesmyia* is given.

Key words: Brazil, immature stages, key, new species, taxonomy

complex: grooved aedeagal blade with curved apex 26–32 µm long and base 6–7 µm, 9/10 4 µm; dorsal lobe with fringe, 12–15 µm long and base 8–9 µm, lateral lobe and basidorsal lobe present.

Female and immatures: unknown.

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