



## Revision of *Opeatocerata* Melander, 1928 (Diptera: Empididae: Empidinae)

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### Abstract

The species of the Neotropical genus *Opeatocerata* Melander are revised to include 21 species, with fifteen species described as new: *O. agudelo* sp. nov., *O. ampullaria* sp. nov., *O. bare* sp. nov., *O. brasiliensis* sp. nov., *O. chaetohypandrialis* sp. nov., *O. cylindrophallus* sp. nov., *O. curvipenis* sp. nov., *O. hadrophallus* sp. nov., *O. megalophallus* sp. nov., *O. mourai* sp. nov., *O. nhamunda* sp. nov., *O. smithi* sp. nov., *O. spinipenis* sp. nov., *O. tanimboca* sp. nov. and *O. zuleideae* sp. nov. All species are described and male and female genitalia illustrated. An identification key and the geographic distributions of the species are also presented.

**Key words:** Empidini, Empidoidea, Neotropical distribution, taxonomy

(Fig. 203); tergite 8 divided in two subrectangular plates; sternite 8 divided in two trapezoidal plates. **Terminalia:** Anterior cercus with reclinate dorsal projection in lateral view (Fig. 205), subrectangular in dorsal view (Fig. 206); descendant plate with lateroventral expansion in posterior view (Fig. 207). Posterior cercus with rounded apex and a median subtriangular projection in lateral view (Fig. 205); with a dorsal subbasal pointed projection (Fig. 206). Hypoproct subtriangular in lateral view (Fig. 205) and comma-shaped in posterior view (Fig. 207). Epandrial ventral lobe slightly bilobate at apex (Fig. 205); with spiniform bristles apically on ventral lobe and longer bristles mesially on dorsal lobe (Fig. 205). Hypandrium longer than wide, with rounded apex and median sinus (Fig. 210), without long bristles. Phallus narrow at base, widening towards the apex, longer than hypandrium, with a large dorsal subapical appendix (Fig. 209). Subepandrial sclerite wider than long, U-shaped (Fig. 208). Bacilliform sclerite folded and longer than subepandrial sclerite (Fig. 208). **Specimen length:** 2.5 mm; **wing length:** 3.4.

**Female.** Unknown.

**Geographical distribution.** Brazil (Amazonas).

**Type material.** **HOLOTYPE** ♂, labelled: Brasil, AM, P[arque] N.[acional] Jaú, Rio Unini, 20–24.vi.1996. 01°43'54''S;61°54'32''W / Suspensa baixa T[erra] firme. Henriques, Vidal & Oliveira (INPA).

**Holotype condition.** Left postpedicel and both styli lost; notopleurals bristles lost; mid legs and right hind leg lost; apex of the left wing mounted on microslide; abdomen in microtube with glycerin.

**Etymology.** The specific name is a tribute to *Zuleide G. Teixeira*, the senior author's mother, due to her dedication and unconditional love.

**Remarks.** See in Remarks of *O. bare* sp. nov. above.

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