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Revision of the Neotropical species of the subgenus *Atrichopogon* (*Psilokempia*) (Diptera: Ceratopogonidae)

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Abstract

This revision of the midges in the subgenus *Psilokempia* Enderlein of *Atrichopogon* Kieffer provides a brief description of the subgenus, diagnoses, descriptions, illustrations and a key to adult males and females of the 17 species from the Neotropical region, as well as distributional records of both new and previously described species. Six new species are described and illustrated: *A. arti*, *A. javieri*, *A. longirostris*, *A. nahuelbutensis*, *A. sergioi* and *A. woodruffi* (n. spp.). The type materials of all previously known Neotropical species except *A. penicillatus* Delècolle & Rieb were examined. *Atrichopogon altivolans* Macfie, *A. aridus* Spinelli & Marino, *A. domizii* Spinelli, *A. glaber* Macfie, *A. gordonii* Macfie, *A. insigniventris* Macfie, *A. pectinatus* Macfie and *A. penicillatus* are redescribed and illustrated, and notes on the types of *A. echinodes* Macfie, *A. harrisi* Macfie and *A. sanctaeclarae* Macfie are provided. Lectotypes are designated for *A. glaber*, *A. insigniventris* and *A. pectinatus*. The previously unknown males of *A. altivolans*, *A. pectinatus* and *A. penicillatus* are described and illustrated, and *A. fimbriatus* Macfie is recognized as a junior synonym of *A. gordonii*.

Key words: *Atrichopogon* (*Psilokempia*), new species, new synonym, holotypes, lectotypes, Neotropical region, distribution

Resumen

Esta revisión de las mosquitas del subgénero *Psilokempia* Enderlein de *Atrichopogon* Kieffer provee una descripción breve del subgénero, diagnosis, descripciones, ilustraciones y una clave de machos y hembras de las 17 especies de la región Neotropical, así como registros distribucionales de las especies nuevas y de aquellas descritas previamente. Se describen e ilustran seis especies nuevas: *A. arti*, *A. javieri*, *A. longirostris*, *A. nahuelbutensis*, *A. sergioi* y *A. woodruffi* (n. spp.). Fueron reexaminados los materiales tipo de las especies previamente conocidas, excepto *A. penicillatus* Delècolle & Rieb. Se describen e ilustran a *A. altivolans* Macfie, *A. aridus* Spinelli & Marino, *A. domizii* Spinelli, *A. glaber* Macfie, *A. gordonii* Macfie, *A. insigniventris* Macfie, *A. pectinatus* Macfie y *A. penicillatus*, y se brindan notas referidas a los tipos de *A. echinodes* Macfie, *A. harrisi* Macfie y *A. sanctaeclarae* Macfie. Se designan los lectotipos para *A. glaber*, *A. insigniventris* y *A. pectinatus*. Se describen e ilustran los machos, previamente desconocidos de *A. altivolans*, *A. pectinatus* y *A. penicillatus*, y *A. fimbriatus* Macfie se reconoce como sinónimo menor de *A. gordonii*.

Palabras clave: *Atrichopogon* (*Psilokempia*), especies nuevas, nueva sinonimia, holotipos, lectotipos, región Neotropical, distribución