



<http://dx.doi.org/10.11646/zootaxa.4021.4.10>

<http://zoobank.org/urn:lsid:zoobank.org:pub:E7591CB0-D97E-405D-BFE1-55AE7B1B97DB>

Eleven new replacement names in the genus *Mesochorus* Gravenhorst, 1829 (Ichneumonidae: Mesochorinae)

RODRIGO DE OLIVEIRA ARAUJO^{1,2} & FELIPE VIVALLO^{1,3}

¹*HYMN Laboratório de Hymenoptera, Departamento de Entomologia, Museu Nacional, Universidade Federal do Rio de Janeiro, Quinta da Boa Vista, São Cristóvão 20940-040 Rio de Janeiro, Brazil.*

E-mails: ²araujorodrigodeoliveira@gmail.com, ³fvivallo@yahoo.com

Abstract. Eleven new replacement names in the genus *Mesochorus* Gravenhorst, 1829 are proposed due the synonymy with *Plectochorus* Uchida, 1933 and *Stictopisthus* Thomson, 1886 made by Wahl in his cladistic analysis of the genera of Mesochorinae.

Key words: Hymenoptera, Ichneumonoidea, parasitoid wasps.

Mesochorinae Förster, 1869 is a relatively small subfamily of ichneumonid wasps with approximately 800 described species (Yu *et al.*, 2012). In addition to the four genera described by Wahl (1993) (*Artherola*, *Chineater*, *Thamester* and *Varnado*), Wahl published a cladistic analysis currently used as reference for the group, recognizing nine valid genera and proposing *Plectochorus* Uchida, 1933 and *Stictopisthus* Thomson, 1886 as junior synonymies of *Mesochorus* Gravenhorst, 1829. This approach generated some nomenclature problems, because some of the species transferred to *Mesochorus* share the same specific name with others previously described in that genus. To resolve this problem and following the recommendation of article 53.2 of ICZN (2012) eleven new names are proposed for species currently recognized as members of *Mesochorus*. None of the species mentioned in this paper have junior synonyms.

Mesochorus angustior new name

Stictopisthus angustatus Benoit, 1955 (= *Mesochorus angustatus*) non *Mesochorus angustatus* Thomson, 1886: 343.

Etymology: This new name refers to the original species name.

Comment: When *Stictopisthus* was synonymized with *Mesochorus* the species *M. angustatus* (Benoit) became a junior homonym of *M. angustatus* Thomson, thus necessitating a new name.

Mesochorus arthridion new name

Mesochorus artus Schwenke, 1999: 93 (= *Mesochorus artus*) non *Stictopisthus artus* Dasch, 1971: 283 (= *Mesochorus artus*).

Etymology: This name refers to original name.

Comment: This homonymy was generated by Schwenke (1999), when he described *Mesochorus artus*, previously occupied by *M. artus* (Dasch), making necessary a new name for the species described by Schwenke.

Mesochorus asiaticus new name

Plectochorus taiwanensis Lee, 1992 (= *Mesochorus taiwanensis*) non *Mesochorus taiwanensis* Kusigemati, 1985: 153.

Etymology: The new name refers to the region where this species occurs.

Comment: Replacement name necessary after the synonymy between *Plectochorus* with *Mesochorus*, that made *M. taiwanensis* (Lee) a junior homonym of *M. taiwanensis* Kusigemati.

Mesochorus celenothorax new name

Plectochorus nigrithorax Lee & Suh, 1991: 3 (= *Mesochorus nigrithorax*) non *Mesochorus nigrithorax* Kiss, 1926: 112.