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Taxonomic revision of the genus *Chileanthicus* Werner (Coleoptera: Anthicidae)

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Abstract

Chileanthicus Werner, 1966 is redescribed and its position within Formicomini Bonadona, 1974 is briefly discussed. Twelve previously known species are redescribed: *Chileanthicus dentatus* (Dajoz, 1980), *C. dentivarius* (Lea, 1922), *C. interruptus* (Lea, 1922), *C. kingii* (MacLeay, 1872), *C. lafertei* (Solier, 1851), *C. latibasis* (Lea, 1922), *C. mastersii* (King, 1869), *C. melasomus* (Lea, 1922), *C. penai* Werner, 1966, *C. pubifasciatus* (Lea, 1922), *C. quadrimaculatus* (King, 1869), *C. speciosus* (King, 1869). Thirty species are newly described: *Chileanthicus acutipennis* **sp. nov.**, *C. baculentus* **sp. nov.**, *C. elmorado* **sp. nov.**, *C. femineus* **sp. nov.**, *C. hirsutus* **sp. nov.**, *C. maritimus* **sp. nov.**, *C. mitis* **sp. nov.** (all Chile), *C. cursor* **sp. nov.** (Madagascar), *C. angulicollis* **sp. nov.**, *C. aprilis* **sp. nov.**, *C. audax* **sp. nov.**, *C. campicola* **sp. nov.**, *C. comes* **sp. nov.**, *C. communis* **sp. nov.**, *C. decipiens* **sp. nov.**, *C. discus* **sp. nov.**, *C. exul* **sp. nov.**, *C. eyrensis* **sp. nov.**, *C. gammon* **sp. nov.**, *C. improvidus* **sp. nov.**, *C. inflatus* **sp. nov.**, *C. insignis* **sp. nov.**, *C. kinchea* **sp. nov.**, *C. matthewsi* **sp. nov.**, *C. paganus* **sp. nov.**, *C. pulcher* **sp. nov.**, *C. pumilio* **sp. nov.**, *C. tuberculifer* **sp. nov.**, *C. uhmanni* **sp. nov.**, *C. volselifer* **sp. nov.** (all Australia). Eleven new combinations are proposed: *Chileanthicus dentivarius* (Lea, 1922) **comb. nov.**, *C. interruptus* (Lea, 1922) **comb. nov.**, *C. kingii* (MacLeay, 1872) **comb. nov.**, *C. latibasis* (Lea, 1922) **comb. nov.**, *C. mastersii* (King, 1869) **comb. nov.**, *C. melasomus* (Lea, 1922) **comb. nov.**, *C. pubifasciatus* (Lea, 1922) **comb. nov.**, *C. quadrimaculatus* (King, 1869) **comb. nov.**, *C. speciosus* (King, 1869) **comb. nov.** and *C. tridentipes* (Lea, 1922) **comb. nov.** (all from *Formicomus* LaFerté-Sénéctère, 1849), and *Chileanthicus dentatus* (Dajoz, 1980) **comb. nov.** (from *Pseudoleptaleus* Pic, 1900). New synonymy, *Chileanthicus mastersii* (King, 1869) (= *Formicomus tridentipes* Lea, 1922 **syn.nov.**), is proposed. Lectotypes are designated for *Formicomus mastersii* King, 1869 and *F. melasomus* Lea, 1922. All known species of *Chileanthicus* are listed and a key to their identification is provided.

Key words: Taxonomy, Coleoptera, Anthicidae, *Chileanthicus*, redescriptions, new species, new synonymy, new combinations, lectotype designation, Neotropical, Afrotropical, Australasian regions

Introduction

Chileanthicus was proposed by Werner (1966) for two apterous species, *C. lafertei* (Solier, 1851) and *C. penai* Werner, 1966, occurring in the Atacama and Coquimbo regions of Chile. No further data were published on this genus, and the subsequent faunal reviews (Werner, 1974; Elgueta & Arriagada, 1989) simply followed Werner's original paper without any additional comments.

Chileanthicus, as here defined, comprises forty-two species distributed in Chile (9), Madagascar (2), and Australia (31). All Australian species placed in this genus were originally described in *Formicomus* LaFerté-Sénéctère, 1849, and their similarity to *Chileanthicus* was noted by Werner (1966). *Chileanthicus* is classified, together with *Anthelephila* Hope, 1833 (= *Formicomus*; syn. by Kejval (2003)), *Andrahomanus* Pic, 1903, and *Stenidius* LaFerté-Sénéctère, 1847, in the tribe Formicomini Bonadona, 1974, which is defined by the combination of the following three characters (Kejval 2003): 1) mesepisterna simply connected with mesepimera, their margins not raised and bare; 2) the intercoxal process of abdominal sternum III widely