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A contribution to the knowledge of New World Bruchinae (Coleoptera, Chrysomelidae): taxonomic revision of *Ctenocolum* Kingsolver & Whitehead, with description of five new species

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Abstract

The aim of this contribution was to review the species of *Ctenocolum* which are mainly distributed in the Neotropical region. The larvae of this genus have a high degree of specificity with the tribe Millettieae feeding mainly on seeds of *Lonchocarpus* Kunth (Fabaceae, Papilionoideae) and until now we do not know other bruchine consuming seeds of this genus. Here 13 valid species were studied, five new, divided in two groups, as previously proposed in literature, group *podagricus* with *Ctenocolum aquilus* Albuquerque & Ribeiro-Costa **sp. nov.**, *C. biolleyi* Kingsolver & Whitehead, *C. colburni* Kingsolver & Whitehead, *C. martiale* Kingsolver & Whitehead, *C. milelo* Albuquerque & Ribeiro-Costa **sp. nov.**, *C. podagricus* (Fabricius), *C. punctinotatus* Albuquerque & Ribeiro-Costa **sp. nov.**, *C. pygospilotos* Albuquerque & Ribeiro-Costa **sp. nov.** and *C. triangulatus* Albuquerque & Ribeiro-Costa **sp. nov.**; group *tuberculatum* with *C. acapulcensis* Kingsolver & Whitehead, *C. janzeni* Kingsolver & Whitehead, *C. salvini* (Sharp) and *C. tuberculatum* (Motschulsky). A lectotype is designated for *Bruchus salvini* and *Bruchus pictifemur*. Moreover, descriptions, redescrptions, diagnoses, key, geographic distribution and host plant records are also included.

Key words: Acanthoscelidina, Bruchini, group *Merobruchus*, seed-beetles, taxonomy

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