



A review of the *Cautires obsoletus* species group from Indo–Burma (Coleoptera: Lycidae)

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Abstract

The study deals with the net-winged beetle genus *Cautires* Waterhouse, 1879, which is distributed mainly in the rain forests of the Oriental region. We discuss morphology and relationships among Oriental Metriorrhynchini and we propose *Bulenides* Waterhouse, 1879 to be a junior subjective synonym of *Cautires* Waterhouse, 1879. Almost all species previously classified in *Bulenides* were studied, transferred to *Cautires* and they were placed in *C. obsoletus* and *C. pauper* groups, both proposed here. The *C. obsoletus* species group from Indo-Burma is reviewed and seven species, which are new to science, are described: *Cautires bolavensis* sp. n. (Laos), *C. matsudai* sp. n. (Thailand), *C. kundratai* sp. n. (Thailand), *C. dembickyi* sp. n. (India), *C. hergovitsi* sp. n. (Laos), *C. jendeki* sp. n. (Laos), and *C. yunnanus* sp. n. (China). These species are placed in the *Cautires obsoletus* group. *C. testaceus* (Pic, 1921) and *C. regalis* (Kleine, 1929) from the same region are redescribed and also placed in the *C. obsoletus* group. A key to the *C. obsoletus* species group from Indo-Burma is presented, and their distribution and biology are briefly discussed. The following new combinations are proposed for the species transferred from *Bulenides* and placed in the *Cautires obsoletus* group: *Cautires adventicius* (Kleine, 1926), **comb. n.**, *C. apicalis* (Pic, 1925), **comb. n.**, *C. ater* (Pic, 1921), **comb. n.**, *C. atropunctatus* (Pic, 1925), **comb. n.**, *C. basilanus* (Pic, 1925), **comb. n.**, *C. adumbratus* (Kleine, 1926), **comb. n.**, *C. aterrimus* (Kleine, 1926), **comb. n.**, *C. bicoloratus* (Kleine, 1930), **comb. n.**, *C. coccineus* (Kleine, 1930), **comb. n.**, *C. cognatus* (Bourgeois, 1883), **comb. n.**, *C. corporaali* (Pic, 1921), **comb. n.**, *C. duplicatus* (Kleine, 1928), **comb. n.**, *C. imitator* (Kleine, 1930), **comb. n.**, *C. inhumeralis* (Pic, 1921), **comb. n.**, *C. javanicus* (Bourgeois, 1883), **comb. n.**, *C. lineatus* (Pic, 1921), **comb. n.**, *C. longissimus* (Pic, 1921), **comb. n.**, *C. obsoletus* (Waterhouse, 1878), **comb. n.**, *C. nebulosus* (Kleine, 1930), **comb. n.**, *C. nigromaculatus* (Pic, 1925), **comb. n.**, *C. pudicus* (Kleine, 1931), **comb. n.**, *C. purpureus* (Pic, 1922), **comb. n.**, *C. regalis* (Kleine, 1929), **comb. n.**, *C. reticulatus* (Kleine, 1930), **comb. n.**, *C. rianganus* (Pic, 1925), **comb. n.**, *C. sijthoffi* (Kleine, 1926), **comb. n.**, *C. singularithorax* (Pic, 1925), **comb. n.**, *C. testaceus* (Pic, 1921), **comb. n.**, and *C. triangularis* (Kleine, 1930), **comb. n.** The following species are transferred to the *Cautires pauper* group: *C. pauper* (Waterhouse, 1878), **comb. n.**, *C. arens* (Kleine, 1926), **comb. n.**, *C. argilosus* (Kleine, 1926), **comb. n.**, *C. lyciformis* (Kleine, 1932), **comb. n.**, *C. malayensis* (Kleine, 1930), **comb. n.**, *C. nigricolor* (Pic, 1925), **comb. n.**, and *C. turbidus* (Waterhouse, 1878), **comb. n.** Several species are transferred to *Cautires* without an assignment to the species group: *C. aridus* (Kleine, 1926), **comb. n.**, *C. basalis* (Pic, 1925), **comb. n.**, *C. dubius* (Waterhouse, 1878), **comb. n.**, *C. flavoreticulatus* (Kleine, 1932), **comb. n.**, *C. longeareolatus* (Kleine, 1936), **comb. n.**, *C. papuanus* (Kleine, 1935), **comb. n.**, *C. philippinensis* (Kleine, 1930), **comb. n.**, *C. socius* (Kleine, 1935), **comb. n.** Several homonyms in *Cautires* resulted from new combinations and new names are proposed: *Cautires pseudoapicalis* nom. n. (for *Cautires apicalis* Kleine, 1926 preoccupied by *Cautires apicalis* (Pic, 1925)), *Cautires borneensis* nom. n. (for *Cautires bicoloratus* Kleine, 1932 preoccupied by *Cautires bicoloratus* (Kleine, 1930)), *Cautires sundaicus* nom. n. (for *Cautires javanicus* Kleine, 1927 preoccupied by *Cautires javanicus* (Bourgeois, 1883)), *Cautires fruhstorferi* nom. nov. (for *Cautires lineatus* (Pic, 1921) preoccupied by *Cautires lineatus* (Hope in Gray, 1831)), *Cautires slamatensis* nom. nov. (for *Cautires obsoletus* Kleine, 1926 preoccupied by *Cautires obsoletus* (Waterhouse, 1878)), *Cautires kinabalensis* nom. nov. (for *Cautires lyciformis* (Kleine, 1932) preoccupied by *Cautires lyciformis* Pic, 1922), *Cautires johannesi* nom. n. (for *Cautires nigricolor* (Pic, 1925) preoccupied by *Cautires nigricolor* Pic, 1922), *Cautires africanus* nom. n. (for *Cautires reticulatus* Kleine, 1930 preoccupied by *Cautires reticulatus* (Kleine, 1930)), *Cautires congoensis* nom. n. (for *Cautires triangularis* Kleine, 1930 preoccupied by *Cautires reticulatus* (Kleine, 1930)).

Key words: net-winged beetles, Lycidae, Coleoptera, *Cautires*, *Bulenides*, new species, synonymy, new combinations, new names, Oriental region