



Taxonomic notes on the Cephenniini (Coleoptera, Scydmaenidae): Status of *Coatesia* Lea, *Cephennomicrus* Reitter, and *Neseuthia* Scott

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Abstract

Based on examination of its type species, *Coatesia* Lea is placed as a junior synonym of the nominotypical subgenus of *Cephennodes* Reitter. In order to avoid secondary homonymy with *Cephennodes latus* (Motschulsky), *Coatesia lata* Lea is replaced with *Cephennodes leai* **nomen n.** *Neseuthia* Scott is placed as a junior synonym of *Cephennomicrus* Reitter. Diagnostic characters of *Cephennomicrus* are discussed, and a world checklist of 50 species currently recognized as belonging to this genus is provided. The following new combinations are established for species formerly placed in *Neseuthia*: *Cephennomicrus affouchensis* (Franz), *C. afiamalui* (Franz), *C. anderssoni* (Franz), *C. asperus* (Franz), *C. cactiformis* (Jałoszyński & Hoshina), *C. caledonicus* (Franz), *C. cordithorax* (Scott), *C. cornutus* (Scott), *C. crenatus* (Scott), *C. dugdalei* (Franz), *C. fijii* (Franz), *C. fujianus* (Jałoszyński), *C. gomyi* (Franz), *C. hobbiti* (Jałoszyński & Hoshina), *C. inconspicuus* (King), *C. japonigenus* (Jałoszyński & Hoshina), *C. lauensis* (Franz), *C. lordhowei* (Franz), *C. mauritiensis* (Franz), *C. minimus* (Franz), *C. minor* (Scott), *C. nomurai* (Jałoszyński & Hoshina), *C. okinawanus* (Jałoszyński, S. Arai & K. Arai), *C. perexiguus* (Scott), *C. perthi* (Franz), *C. politus* (Scott), *C. samoanus* (Franz), *C. sumatranus* (Franz), *C. taiwanensis* (Jałoszyński), *C. typicus* (Scott), *C. upoluensis* (Franz), *C. venuensis* (Franz), *C. vitiensis* (Franz), and *C. zimmermani* (Franz). *Cephennomicrus insularis* **nomen n.** is proposed as a replacement name for *C. suturalis* (Franz) **comb. n.** (nec Besuchet); *C. perpuncillum* Reitter is corrected to *C. perpuncillus*, and *Neseuthia sumatrensis* Franz is treated as an incorrect original spelling. Based on examination of the type material, *Cephennium raffrayi* Schaufuss is transferred to *Cephennomicrus*. Lectotypes are designated for *Coatesia lata* and *Neseuthia typica*.

Key words: Scydmaenidae, Scydmaeninae, Cephenniini, *Coatesia*, *Cephennomicrus*, *Neseuthia*, taxonomy, new synonyms

Introduction

Ten genera of the Cephenniini were listed by Newton and Franz (1998) in the world catalogue of the genera of the Scydmaenidae. Ten years have passed since publication of this important paper, and although some changes in the generic composition of the tribe have been recently published, status of some genera still remains unclear. After Newton and Franz (1998), two new genera were described: *Paracephennium* O'Keefe, 1999 from Costa Rica, and *Hlavaciellus* Jałoszyński, 2006 from Borneo, and one genus was removed from the tribe (*Paraneseuthia* Franz, 1986 was transferred to the Eutheini by Jałoszyński and Hoshina (2004)). *Nanophthalmus* Motschulsky, 1851 was revised by Besuchet and Vit (2000), *Etelea* Csiki, 1909 was resurrected and redefined by the same authors (Besuchet & Vit 2004), and *Chelonoidum* Strand, 1935 was placed as a junior synonym of *Cephennodes* Reitter, 1884 (Jałoszyński 2007a). Diagnostic characters of the latter genus were thoroughly discussed by Jałoszyński (2007a). The majority of new species described within the past ten years in Cephenniini belong to *Cephennodes* (Jałoszyński 2007a; 2007b). The remaining genera of the tribe: *Cephennomicrus* Reitter, 1907, *Coatesia* Lea, 1915, *Elacatophora* Schaufuss, 1884, *Neseuthia*