



Studies in Australian Tettigoniidae: new Phaneropterine Katydids from Queensland Rainforests (Orthoptera: Tettigoniidae; Phaneropterinae)

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Abstract

New species of Phaneropterinae are described from the tropical rainforests of far north Queensland. A number of new species of the widespread Australian genus *Caedicia* (*C. webberi*, *C. goobita* and *C. kuranda*) are described with notes on biology and ecology. *C. flexuosa* I. Bolivar is recorded from Australia for the first time. *Currimundria* and *Kurandoptera* are described as new genera each with very distinctive species and a new species of *Ephippithyta*, *E. kuranda*, is also described from north Queensland. Two species of *Diastella* are described, *D. kuranda* and *D. hilleri*. One species of *Diastella*, *D. hilleri*, is described from the mountains of southeast Queensland. Cytological information is presented for several taxa. A key to the relevant Australian genera in the “Group” Ephippithytae is presented.

Key words: Australia; Phaneropterinae; rainforests; katydid; cytology; ecology; taxonomy