

Nine new species of *Castiarina* Gory & Laporte, 1838 (Coleoptera: Buprestidae)

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Abstract

Nine new species of the buprestid genus *Castiarina* Gory & LaPorte, 1838 are described from Australia: *C. allensundholmi*, *C. jacki*, *C. keyzeri*, *C. lycida*, *C. macarthuri*, *C. michaelpowelli*, *C. purcellae*, *C. setifera*, *C. suehasenpuschae*.

Key words: Coleoptera, Buprestidae, new species, *Castiarina*

Introduction

Castiarina Gory & Laporte, 1838, is the largest genus of Australian Buprestidae with 472 recognised species, a little over one third of the total buprestid fauna. The adults are mainly nectar feeders from native plants, particularly members of the Myrtaceae. Adults of many of the species are common in spring or summer and have been widely collected. Little is known of their life cycles or larval plant associations. Because of extensive mimicry in the group, identification of species is difficult as no definitive work on the genus is available although Bellamy (2002) published a catalogue on all of the Australian Buprestidae. To overcome this problem I commenced work on the group in 1970 and to date have added nearly 200 new species (Barker 1979, 1983, 1986). Herein are described the last nine new species of *Castiarina* to be included in a revision of the genus which will soon be published.

Materials and Methods

Specimens examined were borrowed from or are deposited in the following institutions and collections: