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Two New Genera of Jumping Spiders from Hainan Island, China (Araneae, Salticidae)

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Abstract

Two new genera of the spider family Salticidae, *Corusca* **gen. nov.** and *Insula* **gen. nov.**, are described. Nine new species of the genus *Corusca* **gen. nov.** and 11 new species of the genus *Insula* **gen. nov.** are reported from Hainan, Southern China: *Corusca acris* **sp. nov.** (male), *C. bawangensis* **sp. nov.** (male), *C. falcata* **sp. nov.** (male), *C. gracilis* **sp. nov.** (male and female), *C. jianfengensis* **sp. nov.** (male and female), *C. sanyaensis* **sp. nov.** (male and female), *C. setifera* **sp. nov.** (male and female), *C. viriosa* **sp. nov.** (male and female), *C. wuzhishanensis* **sp. nov.** (male and female), *Insula curva* **sp. nov.** (male and female), *I. hebetata* **sp. nov.** (male and female), *I. limuensis* **sp. nov.** (male and female), *I. longa* **sp. nov.** (male and female), *I. minuta* **sp. nov.** (male and female), *I. nigricula* **sp. nov.** (male and female), *I. ramosa* **sp. nov.** (male and female), *I. scutata* **sp. nov.** (male and female), *I. squamata* **sp. nov.** (male and female), *I. tumida* **sp. nov.** (male and female), *I. uncinata* **sp. nov.** (male and female). The males of two known species, *Corusca liaoi* (Peng & Li, 2006) and *Insula maculata* (Peng & Kim, 1997), which are transferred from *Eupoa*, are reported for the first time.

Key words: Taxonomy, *Corusca*, *Insula*, morphology, new species

Introduction

The Salticidae, including 591 genera and 5570 species (Platnick 2013), represents diverse body form, behaviours and ecological relationships (Prószyński 2010). Recent studies on phylogeny of salticid spiders have shown that most species of this large group fall within a single large clade (the Salticoida), and others fall in several basal subfamilies such as Spartaestinae, Lyssomaninae and Hispaninae (Maddison & Hedin 2003; Maddison & Needham 2006). The genus *Eupoa*, to which the new genera described here are closely related, is also a basal salticid clade. However, its exact position on the jumping spider phylogeny remains uncertain (Maddison *et al.* 2007).

The jumping spiders of *Corusca* **gen. nov.** and *Insula* **gen. nov.** are small in body size (1.5–3.1 mm), with various stripes and spots on opisthosoma. Natural rainforest, which is damp and dark, with litter layer of bark and