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

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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 Spartaeinae, Lyssomaninae and Hisponinae (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 rainfall, which is damp and dark, with litter layer of bark and