A new Australian species of bristly millipede in the family Polyxenidae raises questions about the genus *Propolyxenus*

**MEGAN SHORT & CUONG HUYNH**

Deakin University, 221 Burwood Huy, Burwood Victoria 3130, Australia, mshort@deakin.edu.au

Penicillate millipedes classified as *Propolyxenus forsteri* are widespread in Victoria, although they were first described by Conde in 1951 from specimens collected in New Zealand. The genus had been established by Silvestri in 1948 although only very briefly described from specimens of *Propolyxenus aegeus* collected on the island of Rhodes. The discovery of a new polyxenid species in Victoria has challenged our understanding of the differences between the genera *Propolyxenus* and *Polyxenus* and has led to a need for a more detailed redescription of the genus *Propolyxenus*. The types of *Propolyxenus aegeus* have been examined in order to describe the genus more fully. Molecular information has been used to show the relationship of the genus to other genera in the family Polyxenidae.