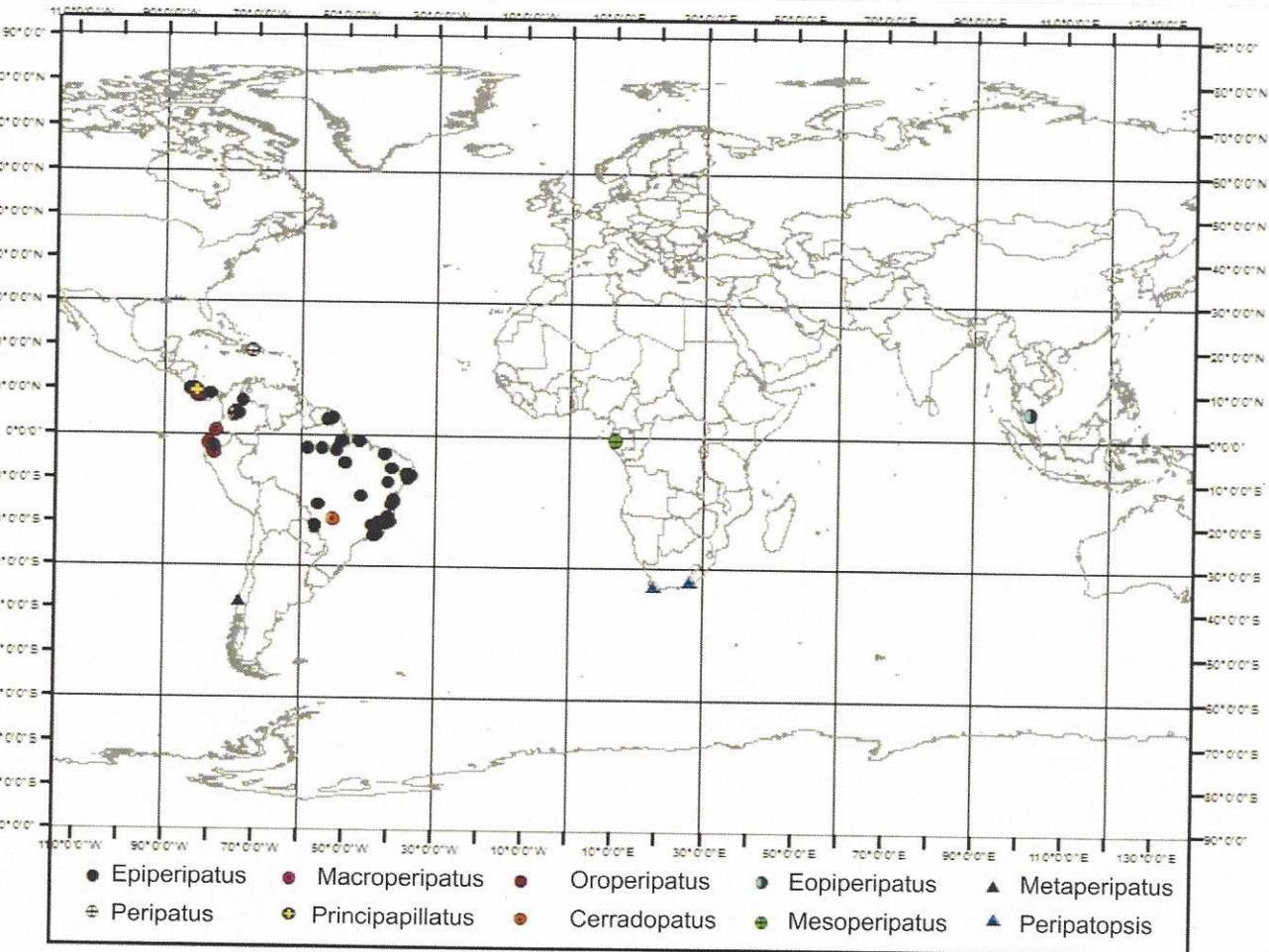


## Supplementary Information



**Figure S.1.** Overview map highlighting the localities where the specimens were obtained. For Peripatidae, *Epiperipatus* are indicated by black dots, while the others dots show the localities of *Oroperipatus* species; *C. sucuriuensis* Oliveira *et al.*, 2015; *E. cf. horsti*; *M. tholloni* (Bouvier, 1898) *Peripatus basilensis* Brues, 1935; *P. hitoyiensis* Oliveira *et al.*, 2012. For Peripatopsidae, the dots indicate *M. inae* Mayer 2005; *P. moleseyi* (Wood-Mason, 1879) and *P. lawrencei* McDonald, Ruhberg & Daniels, 2012. Note the *Epiperipatus* distribution in neotropic.