



Figure S1. | Hunting tactics of short and long-mandibled *Strumigenys* ants. *Strumigenys* is a pantropical, hyperdiverse genus of leaf litter predators whose preferred prey are usually a) springtails—leaf-litter arthropods with a power-amplified spring-like escape mechanism (furculum). Traditionally, *Strumigenys* have been divided into two main ecomorphs [23]: b) short mandibled forms, that tend to be more cryptobiotic and subterranean feeders that employ a strategy of luring or cautiously approaching prey, then gripping onto and stinging the struggling prey item, and c) long-mandibled forms that use the trap-jaw mechanism to strike and stun, lift, then sting their prey, and are more active hunters (also see S1 Movie). We also report here that several groups of short-mandibled forms actually have a trap-mechanism. The drawings are by Mayuko Suwabe.