

## Review of *Sesioctonus* Viereck (Hymenoptera: Braconidae: Agathidinae) from Colombia with descriptions of five new species

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### ABSTRACT

As part of an extensive survey of Colombian arthropods, the species of *Sesioctonus* from Colombia are reviewed. Nine new Colombian species records for *Sesioctonus* are reported, including five new species that are described here. The species identified are *Sesioctonus diazi* Briceño, *S. galeos* Briceño, *S. theskelos* Briceño, *S. grandis* Briceño, *S. boliviensis* Briceño, *Sesioctonus longinoi* n.sp., *Sesioctonus philipi* n.sp., *Sesioctonus torresi* n.sp., *Sesioctonus stephaniai* n.sp., and *Sesioctonus susanai* n.sp. Including the species reported here, eleven species of *Sesioctonus* are recorded from Colombia. A revised key to all known species of *Sesioctonus* is presented.

**Key words:** Taxonomy, revision, Braconidae, Hymenoptera, parasitic Hymenoptera, fauna

### INTRODUCTION

Briceño (2003) recently revised the species of *Sesioctonus* and included 26 species of which only three were from Colombia, i.e., *Sesioctonus ariasi* Briceño, *S. armandoi* Briceño and *S. chaconi* Briceño (Briceño, 2003). Here we describe five new species from Colombia and present distributional records for an additional four species that are reported for the first time from Colombia.

For the last six years, Fernando Fernandez (Universidad Nacional de Colombia) and the senior author (MJS) have coordinated a large collecting effort in Colombia in which Malaise traps were run in 31 national parks throughout the country. Four thousand five hundred and forty two Malaise trap samples have been sorted, each of which represents a two-week collection interval. From these, only 22 specimens of *Sesioctonus* have been collected. It is not clear that individuals are rare, but they are rarely collected by both Mal-