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A new species of *Hemerobiella* Kimmins (Neuroptera, Hemerobiidae) from Venezuela with notes on the genus

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Abstract

Hemerobiella periotoi Sosa & Lara **sp. nov.** is described from Venezuela. The new species was collected at the edges of a mature cloud forest in Lara state. This is the third species known in *Hemerobiella* Kimmins, and the second recorded from Venezuela. Additionally, new Venezuelan records and illustrations of *H. oswaldi* Monserrat, as well as, a key to *Hemerobiella* species are provided.

Key words: Brown lacewing, Hemerobiinae, *Hemerobiella periotoi* **sp. nov.**, Neotropics

Resumen

Hemerobiella periotoi Sosa & Lara **sp. nov.** es descrita de Venezuela. La nueva especie fue recolectada en los márgenes de un bosque nublado del estado Lara. Esta es la tercera especie conocida en *Hemerobiella* Kimmins y el segundo registro para Venezuela. Además, se adicionan nuevos registros de Venezuela e ilustraciones de *H. oswaldi* Monserrat, así como una clave para las especies de *Hemerobiella*.

Introduction

Hemerobiella Kimmins, 1940 is a small genus of Neotropical brown lacewings (Neuroptera, Hemerobiidae) whose species appear to have preference for environments above 1000 m about sea level. Little of their natural history is known (Monserrat 1998).

The genus includes two species: *H. sinuata* Kimmins, 1940 from Ecuador and Mexico, and *H. oswaldi* Monserrat, 1998 from Venezuela (Kimmins 1940; Monserrat 1998). *H. sinuata* and *H. oswaldi* share aspects of their external morphology and can only be identified through the examination of male and female genitalia (Oswald 1993; Monserrat 1998).

Herein, *Hemerobiella periotoi* Sosa & Lara **sp. nov.** from Venezuela is described and illustrated, increasing to three the number of species in the genus. A key to the species and a map showing the distribution of the new species and of *H. oswaldi* in Venezuela are provided.

Material and methods

The specimens used in this study are deposited in the following institutions: Universidad Centroccidental “Lisandro Alvarado” Museo Entomológico “José Manuel Osorio” (MJMO) formerly (UCOB), Cabudare, Lara