



## Tersilochinae of Western Amazonia (Hymenoptera: Ichneumonidae). Genus *Stethantyx* Townes, part 2

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### Abstract

In this paper we describe four new species of *Stethantyx* Townes (Ichneumonidae: Tersilochinae) from Ecuador and Peru characterized by the fore wing with first and second abscissae of radius meeting at right angle: *S. erwini* Khalaim & Sääksjärvi, **sp. nov.**, *S. radiata* Khalaim & Sääksjärvi, **sp. nov.**, *S. rufispa* Khalaim & Bordera, **sp. nov.** and *S. undulata* Khalaim & Sääksjärvi, **sp. nov.** Second part of the key to species of *Stethantyx* occurring in Western Amazonia is given. Additionally, *S. altamira* Khalaim & Broad and *S. aprica* Khalaim & Broad are recorded from South America for the first time, and new data on distribution of *S. alajuuela* Khalaim & Broad, *S. amazonica* Khalaim & Sääksjärvi, *S. heredia* Khalaim & Broad, *S. orellana* Khalaim & Sääksjärvi, *S. sinuata* Khalaim & Sääksjärvi and *S. trepida* Khalaim & Sääksjärvi in South America are provided. Male of *S. orellana* is recorded for the first time.

**Key words:** Peru, Ecuador, South America, Neotropics, new species, new records, taxonomy, key, fauna, parasitoids

### Resumen

En el presente trabajo se describen cuatro nuevas especies del género *Stethantyx* Townes (Ichneumonidae: Tersilochinae) de Ecuador y Perú: *S. erwini* Khalaim & Sääksjärvi, **sp. nov.**, *S. radiata* Khalaim & Sääksjärvi, **sp. nov.**, *S. rufispa* Khalaim & Bordera, **sp. nov.** y *S. undulata* Khalaim & Sääksjärvi, **sp. nov.**, todas ellas caracterizadas por presentar la primera y la segunda abscisa del radio del ala anterior, unidas en forma de ángulo recto. También se proporciona la segunda parte de la clave para la determinación de las especies de *Stethantyx* del Oeste de Amazonia. Además se citan por primera vez para Sudamérica las especies *S. altamira* Khalaim & Broad y *S. aprica* Khalaim & Broad, se ofrecen nuevos datos de distribución en Sudamérica de las especies *S. alajuuela* Khalaim & Broad, *S. amazonica* Khalaim & Sääksjärvi, *S. heredia* Khalaim & Broad, *S. orellana* Khalaim & Sääksjärvi, *S. sinuata* Khalaim & Sääksjärvi y *S. trepida* Khalaim & Sääksjärvi y se cita por primera vez el macho de *S. orellana*.

**Palabras clave:** Perú, Ecuador, Sudamérica, Región Neotropical, especies nuevas, nuevos registros, taxonomía, clave, fauna, parasitoides

### Introduction

An extensive study of the Neotropical fauna of *Stethantyx* Townes began with the revision of the Costa Rican species that included 22 new species (Khalaim & Broad 2013). Khalaim *et al.* (2013) published a first part of the review of the Western Amazonian species of *Stethantyx* in which 16 species (including 10 new species) from Ecuador and Peru were recorded and keyed. Six species of *Stethantyx* (including one new species) were recently recorded from Mexico (Khalaim & Ruíz-Cancino 2013).