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## The jumping spider genus *Thiodina* Simon, 1900 reinterpreted, and revalidation of *Colonus* F.O.P.-Cambridge, 1901 and *Nilakantha* Peckham & Peckham, 1901 (Araneae: Salticidae: Amycoida)

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### Abstract

In this paper we call attention to the identity of the type species of *Thiodina* Simon, 1900, *T. nicoleti* Roewer, 1951. When Simon proposed the genus, he characterized it based on morphological features found in species he described, but not found in the type species he designated, and whose type specimens, apparently, he had not examined. Nicolet's original description makes it clear that the type species is not closely related to the more familiar species placed in the genus. This misinterpretation was followed by contemporary researchers and survives until today. Here we designate and describe a neotype for *T. nicoleti*. We revalidate *Colonus* F.O.P.-Cambridge, 1901 and *Nilakantha* Peckham & Peckham, 1901 to transfer most species formerly placed in *Thiodina*. The combinations *Colonus puerperus* (Hentz, 1846), *Nilakantha cockerelli* Peckham & Peckham, 1901 and *N. peckhami* Bryant, 1940 are restored. The following new combinations are established: *Colonus branicki* (Taczanowski, 1871) **new comb.**, *C. candidus* (Mello-Leitão, 1922) **new comb.**, *C. germani* (Simon, 1900) **new comb.**, *C. hesperus* (Richman & Vetter, 2004) **new comb.**, *C. melanogaster* (Mello-Leitão, 1917) **new comb.**, *C. pallidus* (C.L. Koch, 1846) **new comb.**, *C. pseustes* (Chamberlin & Ivie, 1936) **new comb.**, *C. punctulatus* (Mello-Leitão, 1917) **new comb.**, *C. rishwani* (Makhan, 2006) **new comb.**, *C. robustus* (Mello-Leitão, 1945) **new comb.**, *C. sylvanus* (Hentz, 1846) **new comb.**, *C. vaccula* (Simon, 1900) **new comb.**, *C. vellardi* (Soares & Camargo, 1948) **new comb.**, *Nilakantha beugelorum* (Wolff, 1990) **new comb.**, *N. crucifera* (F.O.P.-Cambridge, 1901) **new comb.**, and *N. inerma* (Bryant, 1940) **new comb.** *Thiodina setosa* Mello-Leitão, 1947 is tentatively transferred to *Cotinusa* Simon, 1900.

**Key words:** Chile, Neotropical, neotype designation, taxonomy, Thiodininae

### Introduction

Nicolet (1849) described 29 jumping spider species from Chile. Because of the loss of his type material amongst the collection of the Muséum National d'Histoire Naturelle, Paris, and the relatively poor descriptions, these species were considered *nomina dubia* by Roewer (1955). Ramírez (1989) found the type specimens of 12 of the 29 species and 10 of these have since been revised (Galiano 1995; Ruiz & Brescovit 2008). The type specimens of *Attus similis* Nicolet, 1849 were lost after 1989. The last nominal species of Ramírez's list still to be revised is *A. elegans* Nicolet, 1849, renamed as *Thiodina nicoleti* Roewer, 1951 due to preoccupation in *Attus* by Hentz (1846). *Thiodina nicoleti* (as *A. elegans*) was designated as type species of *Thiodina* Simon, 1900. Because it is the type species of a genus commonly used to include broadly distributed species, which itself is type of a subfamily (Thiodininae Simon, 1901), its identity has particular importance in Neotropical salticid taxonomy (ICZN article 75.3.1).