



A new species of *Neominois* from northeastern Mexico (Lepidoptera: Nymphalidae: Satyrinae)

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Abstract

A new species from northeastern Mexico, *Neominois carmen* (Lepidoptera: Nymphalidae: Satyrinae), is described, illustrated, and compared with its only known congener, *N. ridingsii*. The species is distinguished from the latter by its orange coloration and shape of and pattern on the wings as well as by differences in the genitalia of both sexes.

Key words: butterflies, Coahuila, Maderas del Carmen, pine-oak woodland, *Piptochaetium*, satyr

Resumen

Se describe, ilustra y compara una especie nueva del noreste de México, *Neominois carmen* (Nymphalidae: Satyrinae), con el único miembro cogenérico conocido, *N. ridingsii*. Se distingue de esta última por su coloración naranja y el patrón alar, como también por diferencias en los genitales de ambos sexos.

Palabras clave: bosque de pino-encino, Coahuila, Maderas del Carmen, mariposas, *Piptochaetium*, satírido

Introduction

Neominois Scudder, 1875, proposed for *Satyrus ridingsii* W. H. Edwards, has long been considered a monotypic genus-level taxon (e.g., Scudder 1875, Avinoff & Sweadner, 1951, Austin 1986, Opler & Warren 2002). *Neominois ridingsii* was revised by Austin (1986), who recognized five subspecies. Its distribution extends from southern Alberta, Saskatchewan, and Manitoba, Canada, south to Guadalupe and Catron counties, New Mexico, and west to the central Sierra Nevada of California and central Oregon (Austin 1986, Toliver *et al.* 1994, Warren 2005). Geographic variation in *N. ridingsii* includes subtle differences in coloration and wing pattern elements, but none of the described subspecies differ dramatically from nominotypical *N. ridingsii* (type locality: Loveland, [Larimer Co.], Colorado) (e.g., Scott 1998). Populations of *Neominois* flying in late summer have been named (Scott 1998), but their taxonomic status is uncertain (e.g., Opler 1999; see Opler & Warren 2002).

Neominois was first reported from Mexico by de la Maza *et al.* (1989), who listed *Neominois ridingsii* in their checklist of Mexican butterfly taxa, without further details. However, those authors apparently had not examined specimens of *Neominois* from Mexico, since the listing of *N. ridingsii* was followed by “(RC)”,