Neda Mulsant (Coleoptera, Coccinellidae): Redescriptions and revised combinations of two species formerly placed in Cycloneda Crotch

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Abstract

Some species of the genus Cycloneda Crotch (1871) were studied, revised combinations within Neda Mulsant (1850) are made, and illustrations of pertinent characters are provided. Cycloneda callispilota is returned to Neda (= N. callispilota (Guérin-Menéville 1844) comb. rest.), and Cycloneda tredecimsignata is transferred to Neda (= N. tredecimsignata (Mulsant 1850) comb. nov.).

Key words: Cycloneda, Neda, redescriptions, new combinations

Introduction

In the process of reviewing members of the Brazilian coccinelline fauna, the authors became aware of the missclassification of two species currently placed in Cycloneda Crotch: C. callispilota (Guérin-Méneville) and C. tredecimsignata (Mulsant). In the present paper, these species are transferred to the genus Neda Mulsant. The history of Neda and Cycloneda are briefly reviewed, and the morphological and anatomical characteristics that support the revised classification are presented.

Cycloneda has long been recognized as an artificial assemblage of New World Coccinellini sharing little more than a rounded convex body form and highly polished cuticle (Crotch 1874, Casey 1899, Chapin 1941, Vandenberg and Gordon 1988, Vandenberg 1992, Vandenberg and Gordon 1996).