Description of an unusual new Costa Rican species of *Cerodontha (Dizygomyza)* with additional notes on Neotropical species of *Dizygomyza* (Diptera: Agromyzidae)

STÉPHANIE BOUCHER
Department of Natural Resource Sciences, McGill University, Macdonald Campus, Ste-Anne-de-Bellevue, Quebec, Canada H9X 3V9 (stephanie.boucher@mcgill.ca)

Abstract

*Cerodontha (Dizygomyza) nigrihalterata* sp. nov. is described from Costa Rica. This species is unusual in having black halteres, the presence of only one upper orbital seta and infuscated wings. Two additional species of *Dizygomyza* are newly recorded from the Neotropical region: *Cerodontha (Dizygomyza) lactuosa* (Meigen) and *Cerodontha (Dizygomyza) scirpioides* Zlobin. Two Neotropical species of *Cerodontha* previously assigned to *Dizygomyza* are reassigned to subgenus *Butomomyza*: *Cerodontha (Butomomyza) puertoricencis* Spencer new comb. and *Cerodontha (Butomomyza) orcina* Spencer new comb.

Key words: *Cerodontha*, *Dizygomyza*, *Butomomyza*, Costa Rica, Agromyzidae, Diptera, Neotropical

Introduction


Previous to this study, seven species of *Cerodontha (Dizygomyza)* were known from the Neotropical region, and four of these: *C. (D.) andensis* (Spencer) (Colombia); *C. (D.) inepta* (Spencer) (Brazil); *C. (D.) impatientis* Sasakawa (Venezuela) and *C. (D.) magna* Spencer (Venezuela) were known from female specimens only. The eventual association of male specimens may affect the taxonomic position of these species. Two species previously included in the subgenus *Dizygomyza, Cerodontha (D.) puertoricencis* Spencer and

Accepted by D. Bickel: 20 Apr. 2005; published: 25 May 2005