

New morphological information on *Simulium cerradense* adults and new records of black fly species (Diptera: Simuliidae) in the western region of Bahia state, Brazil

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ABSTRACT

S. cerradense Coscarón, Cerqueira, Sato & La Salvia (1992) was described based on pharate females and males, and pupae and larvae. Reared adults from the type locality region have different color patterns than those in the original description. The objectives of the present study are to redescribe the scutal color pattern of *S. cerradense* adults and to provide a list of black fly species collected in streams in the western region of Bahia state, where this fauna is poorly known.

Key words: Aquatic insects - black fly - taxonomy *Simulium cerradense*

INTRODUCTION

Simulium cerradense Coscarón, Cerqueira, Sato & La Salvia (1992) was placed in *S.* (*Coscaroniellum*) by Coscarón *et al.* (1992) but in *S.* (*Psaroniocompsa*) by Crosskey and Howard (1997). This species was originally described from pharate females and males, pupae and larvae collected in a stream near Roda Velha, in the state of Bahia, Brazil. Collection of larvae and pupae in the type locality region allowed us to raise *S. cerradense* adults; close examination of these specimens indicated the need to redescribe the scutal color pattern of female and male adults. In addition to providing information on the color pattern of *S. cerradense* adults the objectives of this study are to add information on the adult size and to provide a list of black fly species collected in the western region of Bahia state, where this fauna is poorly known.