

Two new species of Asphondyliini (Diptera: Cecidomyiidae) associated with *Bauhinia brevipes* (Fabaceae) in Brazil

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Abstract

Asphondylia microcapillata sp. n. and *Schizomyia macrocapillata* sp. n. are described and illustrated on the basis of the larva, pupa, male, female, and gall. Both species induce leaf galls on *Bauhinia brevipes* (Fabaceae).

Keywords: Asphondyliini, Cecidomyiidae, Diptera, insect galls, taxonomy

Resumo

Asphondylia microcapillata sp. n. e *Schizomyia macrocapillata* sp. n. são descritas (larva, pupa, macho, fêmea e galha) e ilustradas. Ambas espécies induzem galhas foliares em *Bauhinia brevipes* (Fabaceae).

Palavra-chave: Asphondyliini, Cecidomyiidae, Diptera, galhas de insetos, taxonomia

Introduction

Bauhinia brevipes (Leguminosae) is a cerrado (savanna) shrub, up to 3 meters tall that flowers and fruits from June to August (Cornelissen *et al.* 1997). Seven undescribed galling species attack *B. brevipes* (Cornelissen *et al.* 1997, 2002; Fernandes, 1998). We describe the following two new species of galling cecidomyiids from two different leaf galls on this plant: *Asphondylia microcapillata* sp. n. and *Schizomyia macrocapillata* sp. n. Galls induced by the latter species are by far the most abundant on *B. brevipes*.