

Supplementary Material for ZANUNCIO, JOSÉ COLA, WAGNER DE SOUZA TAVARES, LÊDA RITA D'ANTONINO FARONI, CARLOS FREDERICO WILCKEN AND JOSÉ EDUARDO SERRÃO– *Lasioderma serricorne* (Coleoptera: Anobiidae) in Stored *Matricaria recutita* (Asteraceae) in Brazil. Florida Entomologist 97(2) (June 2014) at <http://purl.fcla.edu/fcla/entomologist/browse>

Corresponding author: José Cola Zanuncio
Departamento de Biologia Animal, Universidade Federal de Viçosa
36570-900, Viçosa, Minas Gerais, Brazil
Tel.: (+55) 31 3899 2924. Fax: (+55) 31 3899 2642; E-mail: zanuncio@ufv.br

SUMMARY

Insects pests of stored products and by-products are extending their feeding preferences to new items. We report for the first time in Brazil the feeding and reproduction of the cigarette beetle, *Lasioderma serricorne* F. (Coleoptera: Anobiidae) on stored chamomile, *Matricaria recutita* L. (Asteraceae). One intact package (10 cm wide × 15 cm long) of *M. recutita* infested by *L. serricorne* was purchased in a supermarket in Viçosa, Minas Gerais, Brazil. In this sample this insect had fed on the dried parts (inflorescences and rods), which made the product unfit for human consumption. This 20 g sample included 101 live and 4 dead *Lasioderma serricorne*. Circumstantial evidence suggested that the infested material was probably harvested from an infested field in Apr 2013 and packaged with *L. serricorne* eggs, and that these had developed into the adults found in the package.

Key words: Asterales, Bostrichiformia, Bostrichoidea, chamomile, medicinal plant

RESUMO

Insetos praga de produtos e subprodutos armazenados têm se alimentado de novos itens. O objetivo é relatar o besouro-do-fumo, *Lasioderma serricorne* F. (Coleoptera: Anobiidae) se alimentando e reproduzindo em camomila, *Matricaria recutita* L. (Asteraceae) armazenada no Brasil. Um pacote intacto (10 cm de largura × 15 cm de comprimento) de *M. recutita*, infestado por *L. serricorne*, foi comprado em um supermercado em Viçosa, Minas Gerais, Brasil. Este inseto se alimentou das partes secas (inflorescências e hastes) dessa planta, o que tornou o produto impróprio para consumo. *Lasioderma serricorne* se alimentou e reproduziu em *M. recutita* armazenada em embalagem plástica no Brasil.

Palavras Chave: Asterales, Bostrichiformia, Bostrichoidea, camomila, planta medicinal



Suppl. Fig. 1. Plant (A) (source: Ivar Leidus); package intact (10 cm width × 15 cm length) (B - verse) (source: second author) of *Matricaria recutita* (Asteraceae) and dried product (C) (Source: Feen).