

Accepted Manuscript

The soil mite *Gaeolaelaps (Hypoaspis) aculeifer* (Canestrini) (Acari: Laelapidae) as a predator of the invasive citrus mealybug *Delottococcus aberiae* (De Lotto) (Hemiptera: Pseudococcidae): implications for biological control

J. Pérez-Rodríguez, J. Calvo, A. Urbaneja, A. Tena

PII: S1049-9644(18)30274-3

DOI: <https://doi.org/10.1016/j.biocontrol.2018.08.015>

Reference: YBCON 3831

To appear in: *Biological Control*

Received Date: 19 April 2018

Revised Date: 23 July 2018

Accepted Date: 21 August 2018

Please cite this article as: Pérez-Rodríguez, J., Calvo, J., Urbaneja, A., Tena, A., The soil mite *Gaeolaelaps (Hypoaspis) aculeifer* (Canestrini) (Acari: Laelapidae) as a predator of the invasive citrus mealybug *Delottococcus aberiae* (De Lotto) (Hemiptera: Pseudococcidae): implications for biological control, *Biological Control* (2018), doi: <https://doi.org/10.1016/j.biocontrol.2018.08.015>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Submitted to: *Biological control*

Article type: *Original Research Article*

Running title: *Gaeolaelaps aculeifer* as predator of mealybugs

The soil mite *Gaeolaelaps (Hypoaspis) aculeifer* (Canestrini) (Acari: Laelapidae) as a predator of the invasive citrus mealybug *Delottococcus aberiae* (De Lotto) (Hemiptera: Pseudococcidae): implications for biological control

J. Pérez-Rodríguez^{1,2}, J. Calvo³, A. Urbaneja¹, A. Tena¹

¹ Instituto Valenciano de Investigaciones Agrarias (IVIA), Centro de Protección Vegetal y Biotecnología: CV-315, Km. 10,7 – 46113 Moncada (Valencia). Spain.

² Laboratori d'Investigació d'Entomologia, Departament de Zoologia. Facultat de Ciències Biològiques. Carrer Doctor Moliner s/n. 46100 Burjassot, València (Spain)

³ Koppert Biological Systems S.L. Finca Labradorcico del Medio s/n. 30880 Águilas, Murcia (Spain)

*Corresponding author:

Alejandro Tena

Instituto Valenciano de Investigaciones Agrarias (IVIA).

CV-315, Km. 10,7

46113 Moncada, Valencia (SP)

Tel: +34 963424151 Fax: +34 963424001

E-mail: atena@ivia.es

Abstract

Download English Version:

<https://daneshyari.com/en/article/10138708>

Download Persian Version:

<https://daneshyari.com/article/10138708>

[Daneshyari.com](https://daneshyari.com)