

First report of *Desmiphora hirticollis* (Olivier) (Coleoptera: Cerambycidae) on *Wigandia urens* (Ruiz and Pavón) H.B.K. (Hydrophilaceae) in Mexico

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ABSTRACT. *Desmiphora hirticollis* (Olivier) (Coleoptera: Cerambycidae) was found in Oaxaca, Mexico, feeding in the stems of *Wigandia urens* (Ruiz and Pavón) H.B.K. (Hydrophilaceae), a new host record. Information about damage in the plant stems and some observations of the insect's biology are provided.

RESUMEN. Se reporta por primera vez en México la presencia del cerambícido *Desmiphora hirticollis* (Olivier) (Coleoptera: Cerambycidae) alimentándose de los tallos de *Wigandia urens* (Ruiz and Pavón) H.B.K. (Hydrophilaceae). Se proporciona información sobre los daños que provoca este insecto a los tallos de la planta, así como algunas observaciones biológicas del insecto.

Discussion

Desmiphora Audinet-Serville (Coleoptera: Cerambycidae) is a Neotropical genus, according to Monné (2005) including 68 species belonging to two subgenera (*Desmiphora* and *Antennifora* Breuning). Of these species, seven have been reported from Mexico: *D. bijuba* Giesbert, *D. canescens* Bates, *D. chemsaki* Giesbert, *D. cirrosa* Erichson, *D. fasciculata* (Olivier), *D. hirticollis* (Olivier) and *D. variola* Giesbert (Giesbert 1998; Monné and Bezark 2012).

Desmiphora hirticollis has been recorded from the USA (southern Texas; Vogt 1949, Rice et al. 1985, Hovore et al. 1987), Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, French Guiana, Galapagos Islands, Grenada, Curaçao, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Vincent, and Venezuela (Giesbert 1998; Monné and Bezark 2012). In Mexico this species has been recorded in Guerrero (Giesbert 1998), Jalisco (Chemsak and Noguera 1993), Oaxaca (Giesbert 1998), Puebla (Noguera and Chemsak 1996), Sonora (Noguera et al. 2009), Veracruz (Noguera and Chemsak 1996) and Quintana Roo (Giesbert 1998).

Monné (2002) reported *D. hirticollis* on *Cordia alliodora* (Ruiz and Pavón), *C. boissieri* (A. DC.), *C. eleagnoides* (A. DC.), *Ehretia anacua* (Berl.) (Boraginaceae), and *Sapium acuparium* Jacq., and Duffy (1960) reported larvae of this beetle in *Sapium* sp. (Euphorbiaceae). *Desmiphora hirticollis* has been reared from *C. eleagnoides* (A. DC.) (Chemsak and Noguera 1993); MacRae (2012) found *D. hirticollis* on logs of "guayabi" (*Patagonula americana* L., Boraginaceae) in Argentina, and suggested that it served as a larval host due to the number of adult specimens observed on it; however, he did not observe any feeding damage on those logs.