

NEW HOST PLANT RECORD FOR *TOXOTRYPANA*
CURVICAUDA (DIPTERA: TEPHRITIDAE)FEDERICO CASTREJÓN-AYALA & MARIO CAMINO-LAVÍN
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The papaya fruit fly, *Toxotrypana curvicauda*, has been considered to date a strictly monophagous species infesting wild and cultivated papaya (*Carica papaya* L.). Castrejon-Ayala (1987) reported infestations in another Caricaceae, *Jacaratia mexicana* A.D.C. (= *Pileus mexicana*) in the State of Morelos, Mexico. Baker et al. (1944) reported that *T. curvicauda* also infested a plant locally known as "talayote" or "talayotillo" but never provided any precise botanical identification.

Here we report *T. curvicauda* infestations on *Gonolobus sorodius* A. Gray (Asclepiadaceae), locally known as "pancolote." We collected 32 larvae of *T. curvicauda* infesting 6 fruit of *G. sorodius* during October, 1990 in Yautepec (Barranca Honda, San Isidro), Morelos, Mexico. Larvae, pupae and adults emerging from the larvae were sent to Vicente Hernandez (Instituto de Ecología, A.C., Xalapa, Veracruz, Mexico) for taxonomic identification. Voucher specimens have been placed in the permanent insect collections of the Instituto de Ecología, A.C. and the Centro de Desarrollo de Productos Bioticos del Instituto Politecnico Nacional. Taxonomic identification of *G. sorodius* was carried out by the Dept. of Botany at the Universidad de Morelos in Cuernavaca, Mexico. Our findings reported here confirm the report by Castrejon (1987), who also recovered *T. curvicauda* (not confirmed at the time) from *G. sorodius* fruit.

Based on our findings, *T. curvicauda* should not be considered henceforth a monophagous insect.

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REFERENCES CITED

- BAKER, A. C., STONE, W. E., PLUMMER, C. C. AND MCPHAIL, M. 1944. A review of studies on the Mexican fruitfly and related Mexican species. USDA Misc. Publ. 531.
- CASTREJON-AYALA, F. 1987. Aspectos de la biología y hábitos de *Toxotrypana curvicauda* Gerst. (Diptera: Tephritidae) en condiciones de laboratorio y su distribución en una plantación de *Carica papaya* L. en Yautepec, Mor. BS Thesis, Instituto Politécnico Nacional, México D.F., México. 88 p.