

## Research Note

### NEW THRIPS RECORDS (INSECTA:THYSANOPTERA) FROM PUERTO RICO<sup>1,2</sup>

Five new thrips (Thysanoptera) records from Puerto Rico accumulated during recent years are herein reported. With the records in Medina Gaud (1961)<sup>3</sup> and Medina et al. (1973),<sup>4</sup> Pantoja et al. (1989)<sup>5</sup> and Medina Gaud et al. 1989,<sup>6</sup> the number of thrips species known from Puerto Rico is 91. Voucher specimens are deposited in the Museum of Entomology of the Crop Protection Department at Río Piedras Agricultural Experiment Station, under accession numbers bearing the abbreviations P. R. Acc. No.

#### Family Thripidae

##### *Frankliniella bispinosa* (Morgan)

Twenty specimens of this species were collected at Bayamón, Pennock Gardens, on rose buds, from plants imported from USA, on 13 June 1990, S. Medina Gaud. Most of the flower buds were damaged by these thrips. This species is found in the southeastern United States, Bahamas and Bermuda. Voucher specimens P.R. Acc. No. 97-90.

##### *Pseudothrips* sp.

Specimens of an undetermined species in this genus were collected at Doña Juana

Forest, north of Villalba, on flowers of *Rosa* sp., 15 March 1956, G. Rivera and S. Medina Gaud. Voucher specimens P.R. Acc. 12-56.

#### Family Phlaothripidae

##### *Ethirothrips* sp.

One specimen of an undetermined species of this genus was collected at Añasco, on green coconut, *Coccus nucifera*, damaged by the attack of the mite, *Aceria guerreronis* Keiffer (= *Eriophes guerreronis* Keiffer) (Acari:Eriophyiidae) 23 September 1986, E. Abreu. This species feeds on spores of a fungus on the coconut lesions. Voucher specimens P.R. Acc. No. 160-90.

##### *Macrophthalthrips helenae* Hood

One specimen of this species was collected at Juana Díaz, Fortuna Agric. Exp. Substn., on eggplant leaves; infested with *Thrips palmi* (Thysanoptera:Thripidae) and *Bemisia tabaci* (Homoptera:Aleyrodidae) 19 April 1990, R. Franqui. This species could be a predator of eggplant, *Solanum melongena*, pests. It is found in the Carib-

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<sup>3</sup>Medina Gaud, S. 1961. The Thysanoptera of Puerto Rico. Univ. P. R. Agric. Exp. Stn. Tech. Paper 32: 1-160.

<sup>4</sup>Medina Gaud, S. and L. F. Martorell, 1973. New insects records from Puerto Rico. *J. Agric. Univ. P. R.* 57(3): 247-54.

<sup>5</sup>Pantoja, A., A. Segarra-Carmona, H. Ruiz and S. Medina Gaud, 1988. *Thrips palmi* (Thysanoptera:Thripidae) a new pest for Puerto Rico. Res. Note *J. Agric. Univ. P. R.* 72(2): 327-29.

<sup>6</sup>Medina Gaud, S., A. Rodríguez, J. Bird, M. Sosa and J. Escudero, 1989. *Fulmekiola serrata* (Kobus) (Thysanoptera:Thripidae) a new sugarcane pest in Puerto Rico. Res. Note *J. Agric. Univ. P. R.* 73(4): 391-94.

bean Basin. This species was collected together with *Haplothrips gowdeyi*. Voucher specimens P. R. Acc. No. 54-90.

*Neosmerinthothrips* sp.

One specimen of this undetermined species was collected at Añasco on green coconut damaged by the attack of the mite, *Aceria guerreronis* Keiffer (= *E. guerreronis*), 24 September 1986, E. Abreu.

This species feeds on the spores, of a fungus on the coconut lesions. Voucher specimens P.R. Acc. No. 160-90.

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