

HYMENOPTEROUS PARASITOIDS OF *DISMORPHIA SPIO*
(PIERIDAE: DISMORPHIINAE)

Additional key words: *Trichospilus*, *Trichogramma*, Puerto Rico.

The following presents records of parasitoids of *Dismorphia spio* (Godart) reared from eggs and pupae collected during 1984–1986 in Barrio Guaonico, Utuado, Puerto Rico.

During the study of the biology and natural history of *D. spio* (Torres Bauzá 1991a), I collected five eggs parasitized by *Trichogramma* sp. (Trichogrammatidae). This represents a parasitization rate of about 11% (n = 47) among the natural population. From each egg, up to six wasps emerged four to six days after collection. In Puerto Rico, *Trichogramma* sp. have been reported from eggs of *Diatraea saccharalis* (F.) (Pyralidae), *Etiella zinckenella* (Treitschke) (Pyralidae), *Psara periusalis* (Walker) (Pyralidae), *Calpododes ethlius* (Cramer) (Hesperiidae), and *Eurema portoricensis* (Dewitz) (Pieridae) (Wolcott 1951, Torres Bauzá 1991b).

A pupa of *D. spio* collected on *Inga vera* Willd. (Mimosoideae) hosted *Trichospilus diatraea* Cherian & Margabandhu (Eulophidae). This represents a parasitization rate of about 1% (n = 84) among the natural population. Seventy wasps emerged from the pupa five days after collection. *Trichospilus diatraea* has been collected from *Spodoptera frugiperda* (Smith) (Noctuidae), *Epimecis detexta* (Walker) (Geometridae), *Trichoplusia ni* Huebner (Noctuidae), *Pseudoplusia includens* Walker (Noctuidae), *Diaphania hyalinata* (L.) (Pyralidae), and *Stenorrhages flegia* (Cramer) (Pyralidae) in Florida, Trinidad, and Barbados (Bennet & Alam 1985, Bennet et al. 1987). This is the first report of *T. diatraea* in Puerto Rico.

Representatives of the reared parasitoids are deposited in the entomological collection of the Agricultural Experimental Station, University of Puerto Rico, Mayaguez Campus at Río Piedras, Puerto Rico (lot number 90-10217).

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