SCIENTIFIC NOTE

FIRST RECORDS OF MALES AND NEW DISTRIBUTION RECORDS FOR TWO SPECIES OF AGATHIRSIA WESTWOOD (HYMENOPTERA: BRACONIDAE) 1

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Members of Agathirsia Westwood are restricted to the arid regions of Mexico and the southwestern United States of America. Twenty-five of the 31 described species are recorded from Mexico and most of these were recently described by Pucci and Sharkey (2004). Mexican species are widely distributed across the country, but are notably absent from the Yucatan Peninsula and lowland areas along the Gulf of Mexico. They are collected principally from July through October (Pucci and Sharkey, 2004; Sánchez and López, 2000).

Descriptions of Agathirsia minuata Pucci and Sharkey and A. tiro Pucci and Sharkey were based only on female specimens. A. minuata was reported from only one specimen collected in New Mexico (USA), and A. tiro was reported from only Nuevo León (Mexico) and Texas (USA).

As a part of a revision of Crassomicrodus, specimens of Agathirsia were mistakenly sent to the senior author from various institutions. From this material we report for first time males of A. minuata and A. tiro and new distributional data for the two species. The males of both species are similar to females and therefore descriptions are not included here.

The records are based in material deposited in the following collections: American Entomological Institute (AEI) Gainesville, Florida, U.S.A.; California Academy of Sciences (CAS) San Francisco, California, U.S.A.; Canadian National Collection (CNC), Ottawa, Ontario, Canada; Essig Museum of Entomology-University of California (EMEC), Berkeley, California, U.S.A.; Michigan State University (MSU), East Lansing, Michigan, U.S.A.; The Bohart Museum of Entomology, University of California-Davis (UCDC), Davis, California, U.S.A. and the National Museum of Natural History (formerly known as the United States Natural History Museum (USNM), Washington, District of Columbia, U.S.A.

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Agathirsia minuata Pucci and Sharkey


These are the first records of *A. minuata* from Mexico (Chihuahua and Sonora). The Californian specimen represents a new state record for the USA. This information increases, to 26 species, the number of species of *Agathirsia* recorded from Mexico, representing 83 percent of the total number of species.

Agathirsia tiro Pucci and Sharkey


These data corroborate the original distribution of the species reported by Pucci and Sharkey (2004), southern United States to northeast Mexico. The New Mexico specimen represents a new state record for the USA.

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LITERATURE CITED
