ABSTRACT: New distribution data for Ceratosmicra meteori in California, Arizona, and Florida (U.S.), and for Ceratosmicra paya in Florida and Kentucky (U.S.), Baja California Sur, and Jalisco (Mexico), are presented.

While identifying material of the hymenopteran family Chalcididae, new distribution data for two species in the genus Ceratosmicra Ashmead were discovered. Ceratosmicra meteori Burks was previously known from Mexico and in the United States from Massachusetts south to North Carolina, west to Illinois, Louisiana, Texas and Washington (Burks 1979); the new data are from California, Arizona, and Florida. Ceratosmicra paya Burks was previously known in the United States from Georgia, Illinois, Montana, Kansas, Texas, and California (Burks 1979); the new data are from Florida, Kentucky (United States) Baja California Sur, and Jalisco (Mexico).

Depositories for voucher specimens are as follows: California Academy of Sciences, San Francisco (CAS); California Department of Food and Agriculture, Sacramento (CDF A); Florida Department of Agriculture and Consumer Affairs, Gainesville (FDA); Fresno County Agricultural Commissioner’s Office, Fresno, CA (FCACO); University of Kentucky, Lexington (UKL); Utah State University, Logan (USU).

Locality data for the distribution records are as follows:

Ceratosmicra meteori Burks


1 Received November 9, 1985. Accepted December 27, 1985.

2 California State University Fresno, Department of Biology, Fresno, CA 93740; Present address: 2110 N. Hayes, Fresno, CA 93711.

Ceratosmicra paya Burks

UNITED STATES. FLORIDA. Alachua Co.: 1♀, Gainesville, Pierce's Homestead, S9-T10S-R18E, Malaise trap, X-4-1973 (FDA). KENTUCKY, Fayette Co.: 1♀, Lexington, Malaise trap, VI-3-6-1975, P.H. Freytag (UKL).


These new data, though not involving large discrepancies from their previously known spotty distributions, are significant in expanding the distribution of both C. meteori and C. paya.

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