

FIRST UNITED STATES RECORDS FOR A
WEST INDIAN BURROWER BUG, *AMNESTUS TRIMACUL-*
ATUS (HEMIPTERA: CYDNIDAE)¹

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ABSTRACT

Thirty-two specimens of *Amnestus trimaculatus* Froeschner were collected in Dade County Florida in 1968 and 1969.

The type series and subsequently examined specimens of *Amnestus trimaculatus* Froeschner (1960, Proc. U. S. Nat. Mus., 111:633, 662) showed it to range along the full length of Cuba from Pinar del Rio to Oriente Provinces.

A significant extension of its known range is now furnished by 32 specimens collected at black light traps in Dade County on the southern tip of Florida during the years 1968 and 1969. Whether this is a part of its natural range or one of man's unwitting transportations is not clear; however, 1 specimen was taken at the Sub-Tropical Experiment Station, Homestead, and points to the probability of man's intervention. Exact data are: Homestead, 29 August 1969, 1 specimen; Orchid Jungle Hammock, Newton Road, 5 September 1968, 1 specimen, and 1 October 1969, 1 specimen; Ross and Castellow Hammock, 24 December 1968, 2 specimens, 5, 11, 23 September 1969, 13 specimens and 2, 9, 10, 14, 24 October 1969, 14 specimens.

The coloration marks it as distinct from all other *Amnestus*. The head, thorax, and abdomen are dark reddish brown and the pale hemelytra are hyaline to light yellow with 3 distinct dark brown marks: a subbasal cloud on each costa and 1 across apices of clavi, and on the apex of the corium a narrow, transverse line along the lateral half. Structurally *trimaculatus* can be separated from all other members of the genus by the impunctate outer third or half of the exocorium. It belongs to that group of *Amnestus* species having 5 marginal pegs on each jugum.

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