

Geographical Extension of *Galindomyia leei* Stone  
and Barreto to Ecuador (Diptera, Culicidae)

Abdiel J. Adames<sup>1</sup> and Manuel E. Arzube R.<sup>2</sup>

The Culicini genus and species *Galindomyia leei*, that resembles members of the most primitive group (*Spanius*) of *Deinocerites* (Adames, 1971), was originally described from adults collected from crabholes in the locality of Curiche in the Pacific coast of Colombia (Stone and Barreto, 1969). Later, associated material was obtained from engorged females collected from crabholes from the type locality. Based on that material the immature stages of this taxon were described (Adames and Galindo, in manuscript).

In March 1972 four mosquito males were collected in Ecuador during a mosquito survey in relation to a study of endemic vectors of Venezuelan Equine Encephalitis (VEE) in that country being conducted at that time by the Instituto Nacional de Higiene of Ecuador. The mosquitoes were collected in light traps at the northern coastal locality of Bahía de Caráquez in the Manabí Province. They were preliminarily identified by Dr. T. H. G. Aitken as a new species of the genus *Deinocerites* and sent to one of us for confirmation by Dr. Daniel Sudia of the Center for Disease Control, U. S. Public Health Service. Examination of these males and of their terminalia revealed that they belong to the genus *Galindomyia*. A comparison with material of *Galindomyia leei* collected near the type locality showed a very close similarity between the two forms. Therefore, until immature stages from Ecuador become available for further studies, we are considering the Ecuadorian population as identical with *G. leei*.

This new southern record of an apparently rare species greatly increases its distribution from the Humboldt Bay in Colombia to the northern coast of Ecuador. This extension of its distributional range seems to indicate that the species probably occurs southward into northern Peru and northward into the most southwestern coast of the isthmus of Panama.

Material has been deposited as follows: 1 male at Gorgas Memorial Laboratory and 3 males at the Department of Biology of the University of California, Los Angeles, under the care of Dr. John H. Belkin.

References Cited

- Adames, Abdiel J. 1971 Mosquito Studies (Diptera, Culicidae). XXIV. A revision of the crabhole mosquitoes of the genus *Deinocerites*. Am. Entomol. Inst., Contrib. 7(2):154. p.
- Adames, Abdiel J. and Pedro Galindo. Description of the immature stages of *Galindomyia leei* Stone and Barreto (In manuscript).

<sup>1</sup>Gorgas Memorial Laboratory, Apartado 6991, Panamá 5, Rep. de Panamá.

<sup>2</sup>Instituto Nacional de Higiene "Leopoldo Izquieta Pérez" Correos N° 3961, Guayaquil, Ecuador.

Stone, Alan and P. Barreto. 1969. A new genus and species of mosquito from Colombia, *Galindomyia leei* (Diptera, Culicidae, Culicini). J. Med. Entomol. 6:143-146.