

A CORRECTION IN MOSQUITO NOMENCLATURE

(DIPTERA: CULICIDAE)

Roth (Proc. Ent. Soc. Washington 47: 13, 1945) described the species *Psorophora longipalpis* from Arkansas and other midwestern states. Unfortunately he divulged the name before publication and it was validated by description with a different spelling in *The Mosquitoes of Texas* (Texas State Health Department, p. 88, 1944). The description accompanying "*Psorophora longipalpus* Roth" was based on a "paratype" of Roth's species.

Two questions arise. 1. What is the authorship for the prior name? 2. What should be considered the type and type-locality of the valid species?

1. *The Mosquitoes of Texas* was compiled by the Division of Medical Entomology, Bureau of Laboratories, Texas State Health Department, George W. Cox being the State Health Officer and S. W. Bohls the Director of Laboratories. In his preface, Dr. Bohls stated that Neal M. Randolph and Kellie O'Neill, "are chiefly responsible for the completion and appearance of this publication." I think it reasonable to suppose that they did the major work of writing the publication and can legitimately be considered the authors. That only one of them actually wrote the description is probable, but this method is true of most joint papers. Although they credited the name to Roth, he did not write the description and the name was not "published" by him in 1944. For these reasons I feel that the species should be known as *Psorophora longipalpus* Randolph and O'Neill.

2. Through the kindness of J. S. Wiseman of the Texas State Department of Health, I have seen 23 pinned specimens of *Psorophora longipalpus* from his laboratory. Of these, 9 bear data agreeing with paratypes of *P. longipalpis* Roth. None of these specimens bear paratype labels and since Roth claimed to have returned only 8 specimens to the Texas Laboratory, then 1 of the 9 might not be a paratype. It is not possible to determine with certainty which "paratype" was used in describing *P. longipalpus*, but I feel justified in selecting one of the 8 female specimens as lectotype. The best specimen, agreeing perfectly with the original description and possessing all of the differentiating characters for the female separating it from *P. horrida* (Dyar and Knab), is labeled, "Harris Co., Tex. 11-1-39"; I have labeled this specimen as lectotype. Through the kindness of Dr. Wiseman this lectotype has been deposited in the U. S. National Museum.

The synonymy for the species then is:

Psorophora longipalpus Randolph and O'Neill, 1944.

Type-locality, Harris Co., Texas.

syn. *Psorophora longipalpis* Roth, 1945. Type-locality,
Fayetteville, Arkansas.

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