

A TAXONOMIC STUDY OF KHAO YAI CULEX MOSQUITOES

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Abstract

The Culex Mosquitoes found at Khao Yai during the study period were altogether 12 species, represented 6 subgenera. The diagnostic characters of subgenera and species used were those described by Bram (1967). Identification of each species was based largely on the characters of larvae and male genitalia. The study has also included larval and pupal chaetotaxy in preparation for further studies. Culex found were Culex (Culex) mimulus, Culex (Culex) sinensis, Culex (Culex) pseudovishnui, Culex (Culex) perplexus, Culex (Culex) pipiens quinquefasciatus; Culex (Culiciomyia) pallidothorax; Culex (Lutzia) halifaxii; Culex (Lophoceraomyia) ganapathi, Culex (Lophoceraomyia) minor, Culex (Lophoceraomyia) infantulus; Culex (Mochthogenes) foliatus, Culex (Mochthogenes) malayi; Culex (Neoculex) brevipalpis, and so far unidentified 5 species. Discussion on some structural observations have also been attempted.

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