

Mosquitoes of Kudat: species composition and their medical importance (Diptera: Culicidae)

ABSTRACT

A survey of mosquito fauna was done to determine the mosquito population and species composition in Kudat. Outdoor human landing catches (HLC) were done from April to June 2015. A total of 4,350 mosquitoes, representing eight genera and 37 species were collected. These include *Aedes* (*Stegomyia*), *Aedimorphus*, *Anopheles*, *Armigeres*, *Culex*, *Mansonia*, *Phagomyia* and *Uranotaenia*. Medical important species are specially noted and discussed. *Armigeres* (52.7%) was the most abundant, followed by *Culex* (31.9%), *Aedes* (9.4%), and *Anopheles* (4.3%). *Armigeres kesseli* and *Ar. subabaltus* were the two most common species. *Armigeres annulipalpi* and *Phagomyia prominens* are new records of Sabah.