

**Larval Mosquito Fauna (Diptera: Culicidae) of Salikneta Farm,  
San Jose del Monte, Bulacan, Philippines**

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**ABSTRACT:** A survey of mosquito fauna occurring in Salikneta Farm was conducted with the primary aim of providing baseline data that may help in coming up with strategies for short- and long-term vector control. Six species were identified by examination of the morphology and chaetotaxy of 546 third and fourth instar mosquito larvae collected from improvised ovitraps placed in five selected sites in the farm. These are 340 (62.27%) *Culex quinquefasciatus*, 50 (9.16%) *Culex mimeticus*, 28 (5.13%) *Culex. vishnui*, 8 (1.47%) *Culex tritaeniorhynchus*, 111 (20.33%) *Aedes aegypti*, and 9 (1.65%) *Anopheles tessellates*. With the exception of *Cx. mimeticus*, the species identified are recognized as medically important taxa with the potential to transmit arboviral and/or parasitic diseases. These findings imply the immediate need for proper vector control measures in Salikneta Farm where human activities and habitation have been increasing as a consequence of ongoing developments.

Species	Mango tree outside AGSI	MCSP*	Plantation area	Vermiculture facility	Large animal pen
<i>Aedes aegypti</i>	+	+	+		
<i>Anopheles tessellatus</i>					+
<i>Culex mimeticus</i>				+	
<i>Cx. quinquefasciatus</i>	+			+	
<i>Cx. tritaeniorhynchus</i>				+	
<i>Cx. vishnui</i>					+

\* MCSP: Mushroom culture substrate preparation area



*Culex quinquiefasciatus*



*Culex mimeticus*



*Culex vishnui*



*Culex tritaeniorhynchus*



*Aedes aegypti*



*Anopheles tessellatus*