

## CHAPTER 2

### REVIEW OF RELATED LITERATURE

#### 2.1 Mosquito (*Aedes aegypti*)

##### 2.1.1 History of *Aedes aegypti*

Dengue viruses spreads from one person to another through *Aedes aegypti*(Ae) mosquito from *Stegomyia* subgenus . Ae. *aegypti* is an important epidemic vector while other species like *Ae.albopictus*, *Ae.polynesiensis*, *Ae.scutellaris*, *Ae.niveus* are known to be the secondary vector . Although all of this mosquitoes are good vectors for dengue virus, the symptoms caused are not as severe as caused by Ae.*aegypti* (Schneider,2004).

##### 2.2 Taxonomy of *Aedes aegypti*:

Kingdom : *Animalia*

Phylum : Arthropoda

Class : Insecta

Order : Diptera

Family : Culicidae

Genus : *Aedes*