

3-3-4. Effects of the Population Density on Carbohydrates, Glycogen and Lipid Contents of *Aedes aegypti* Mosquitoes

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Carbohydrates, glycogen and lipid concentrations of *Aedes aegypti* were investigated the effect of population densities at different rearing protocols : increasing larval densities (100, 200, 400 and 800 larvae/pan) under the constant conditions (27±1℃, 14:10=LD). For the rearing mosquitoes the proportion of diets supplied were added as the larval densities increased. Carbohydrates, glycogen and lipid concentrations were analyzed after pupation and eclosion of *Ae. aegypti*.

Lipid concentration of *Ae. aegypti* was affected less by increasing densities, otherwise increasing densities caused significantly to reduce carbohydrates, glycogen and lipid concentrations of both sexes of *Ae. aegypti* pupae and adults.