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Population Dynamics of Adults and Immature Stages of Mosquitoes (Diptera:Culicidae) in  
Gölbaşı District, Ankara

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**Abstract:** In studies carried out from January 2001 to December 2002 in Ankara-Gölbaşı district, 9 mosquito species (*Anopheles sacharovi*, *An. maculipennis*, *An. claviger*, *Culex mimeticus*, *Cx. pipiens*, *Cx. theileri*, *Culiseta annulata*, *Cs. longiareolata* and *Ochlerotatus caspius*) were determined. The population estimations of immature stages were performed in 15 breeding habitats such as lake edge, swamp, wet pasture, canal and pond. The species that had the most sampled immature stages was *Cx. pipiens* (29.30%); *An. sacharovi* (18.93%) and *An. maculipennis* (17.47%) followed it. The samplings of adult mosquitoes were performed in 5 stables and 5 light traps. The most abundant species collected from the stables were *An. maculipennis* (24.67%), followed by *An. sacharovi* (24.17%) and *Cx. pipiens* (18.78%). On the other hand, the most abundant species trapped in the light traps were *Cx. pipiens* (29.05%) and *Cs. annulata* (18.46%). Generally, an increase was observed in the population dynamics of the all mosquito species in the July- September period.

**Key Words:** Lake Mogan, mosquito, breeding habitats, population dynamics, abundance

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