Citrus is one of the most important cultivated crops in Turkey. As for all agricultural crops, plant protection problems such as pests and diseases are the major factors decreasing crop yield. There are more than 150 pest species causing damage on citrus. Among them scale insects are main pests. There are lots of predators and parasitoids feeding on scale insects. *Rhyzobius lophanthae* Blaisdell, a polyphagous predator, is one of the most important predators of scale insects and widely distributed in citrus plantations in Turkey.

In this study, we investigated the maternal effect on the reproduction and development of *R. lophanthae* at the 1st, 10th, 20th and 30th days. One day age adults are used in the treatments. *Aspidiotus nerii* was used as the prey. Trials were performed in a climatic chamber with 26±1 °C temperature and 65±1 % RH.

The average numbers of offsprings produced by the eggs laid by 1, 10, 20 and 30 days old females were 179.0, 143.0, 264.0 and 314.5, respectively. Life table parameters were also calculated. Net reproductive rate (*R₀*), intrinsic rate of increase (*rₘ*) and mean generation time (*T₀*) were found to be 24.409, 19.067, 24.256 and 25.732 females/females/generation, 0.130, 0.107, 0.132 and 0.106 females/females/day, 24.658, 27.456, 24.227 and 30.671 days, respectively.