

Biology of *Apanteles Baoris* Wilkinson (Hymenoptera: Braconide) A Larval Parasitoid of *Chapra Maathas* Fab

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Abstract: *Apanteles baoris* Wilkinson is potential biocontrol agent of *Chapramathias* Fab. a paddy pest in Kolhapur. It attacks about 86% caterpillars of *C. mathias*. In the present paper life cycle, longevity, Sex ratio and behavioral aspects viz; mating and oviposition have been studied in detail. The life cycle of the parasitoid egg to adult emergence have been completed within 17 days. Egg hatching period was 3 days, larval period was 8-9 days and pupal period was 5-6 days. Mating takes place within one hour of their emergence from cocoons. Mating occurred at morning hours. Oviposition is completed within 3 seconds. In a single host the parasitoid can lay on an average 55 eggs of which progeny production obtained was 46 (average). Sex ratio of adult parasitoids was found favoring females. The results are useful for mass rearing of the above parasitoids.

Keywords: *Apanteles Baoris*, *Chapra Mathias*, Biocontrol Agent, etc.

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