Abstract:

In this study, fecundity and life table of *Agrothereutes hospes* Tschek (Hymenoptera: Ichneumonidae, Cryptinae) on *Galleria mellonella* (L.) (Lepidoptera, Pyralidae) were revealed at 25±4 °C and 50±10 % RH under 12:12 hours light:dark photoperiod laboratory conditions. At the study, intrinsic rate of increase \( (r) \) 0.098 females/female/day, net reproductive rate \( (R_0) \) 14.376 females/female, mean generation time \( (T) \), 26.908 days, gross reproductive rate \( (GRR) \) 19.090 females/female, the finite rate of increase \( (\lambda) \) 1.104 females/day of *A. hospes* were found. While 80% of adults emerged in first one month, developmental time, adult lifespan, preoviposition, oviposition and postoviposition periods were determined as 17.67, 21.40, 2.80, 15.60, 3.00 and 20.47 days, respectively.