

# Temperature-Dependent Development Model of *Scotinophara lurida* (Heteroptera: Pentatomidae)

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Laboratory studies on temperature-dependent development of *Scotinophara lurida* (Burmeister) were conducted from 18 to 33 °C. Developmental rates at given temperature regimes for each development stage were not nonlinear except for the second nymphal stage, but were well fit to linear model. Estimated lower developmental threshold temperatures for egg, and first, second, third, fourth, and fifth nymphal stages were 15.8, 16.11, 9.75, 12.49, 13.81, and 13.05 °C, and estimated thermal constants were 52.63, 46.94, 188.68, 129.87, 107.53, and 172.41 DD, respectively. Distribution of developmental time for each stage was modelled using lower developmental threshold and Weibull function.