Abstract

Euselasia eucerus (Hewitson, 1872) (Lepidoptera: Riodinidae) is a Brazilian native species commonly found in Eucalyptus plantations. Biotic mortality factors of this defoliator were studied in a Eucalyptus urophylla plantation in Minas Gerais State, Brazil aiming to identify natural enemies and their impact on this insect. Euselasia eucerus had biotic mortality factors during all development stages. The most important were Trichogramma maxacalii Voegelé and Pointel, 1980 (Hymenoptera: Trichogrammatidae) during egg stage (48.9%), a tachinid fly (Diptera: Tachinidae) during larval stages (10%) and Itoplectis sp. (Hymenoptera: Ichneumonidae) during pupal stage (52.2%). The parasitism rate was higher in the basal part of the plant canopy (37.8%).

Keywords

Eulophidae, fungus, Ichneumonidae, Pentatomidae, Scelionidae, Trichogramma.