

## Abstract

*Cotesia flavipes* Cameron has been released several times in Africa for biological control of gramineous stem borers. Establishment has been reported on the Indian Ocean islands of Mauritius, Réunion and Madagascar, however, several attempts to introduce *C. flavipes* into continental Africa are reported to have failed. Recently, several cocoon masses of *C. flavipes* were recovered from south-western Kenya where the parasitoid was never released. Identifications of the parasitoids from south-western Kenya were based on morphological characters, allozyme frequencies, and mating experiments with laboratory populations of *C. flavipes*. It is hypothesized that *C. flavipes* became established from individuals escaping from a laboratory colony maintained in south-western Kenya in 1991.