

MỘT SỐ ĐẶC ĐIỂM SINH VẬT HỌC CỦA MỘT ĐỤC QUẢ CÀ PHÊ
***Stephanoderes hampei* Ferrari (Coleoptera: Scolytidae) HẠI CÀ PHÊ TẠI SƠN LA**
Biological Characteristics of the Coffee Berry Borer *Stephanoderes hampei*
Ferrari (Coleoptera: Scolytidae) on Coffee in Son La

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Abstract

The coffee berry borer *Stephanoderes hampei* Ferrari has been causing serious damage to coffee in Son La province. The biology of this beetle was studied during 2015 - 2016 in the laboratory of Tay Bac University (Son La, Viet Nam) at 25°C and 30°C, 85% RH. Artificial food and fresh coffee berries were used as foods to rear them. Coffee berries borer were kept individually in vials with a 1cm layer of the mixture of plaster of Paris and charcoal (9:1). In case of eating fresh coffee berries, the results showed that the cycle life, oviposition capacity and egg hatchability of this beetle were 35.41 ± 2.65 days, 74.43 ± 9.7 eggs/female and 77.52% at 30°C and 41.17 ± 2.45 days, 54.80 ± 6.6 eggs and 66.37% at 25°C. The ratio of male to female was 1:12.11 at 30°C and 1:10.15 at 25°C. In case of eating artificial food, the results showed that the cycle life, oviposition capacity and egg hatchability of this beetle, respectively, were 36.47 ± 1.99 days, 62.0 ± 13.6 eggs/female and 80.91% at 30°C. The ratio of male to female was 1:11.66

Keywords: coffee berry, coffee berry borer, life cycle, *Stephanoderes hampei*