

**BIOEKOLOGI KEPIK KUBIS (*Eurydema pulchrum* Westwood)
(Hemiptera : Pentatomidae) PADA TANAMAN CAISIN
(*Brassica rapa* var. *parachinensis*)**

SKRIPSI

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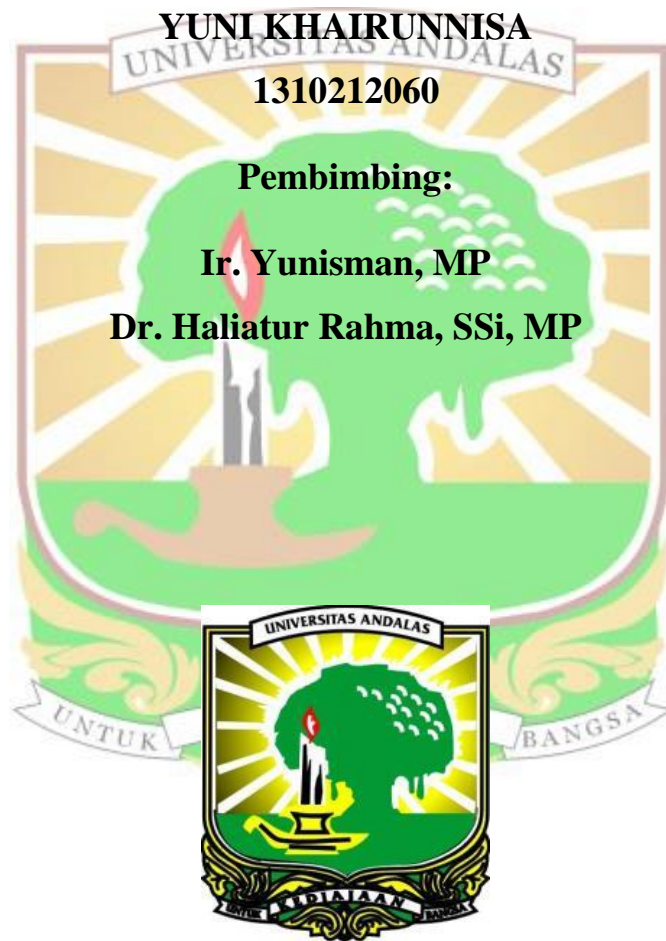
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BIOEKOLOGI KEPIK KUBIS
(*Eurydema pulchrum* Westwood) (Hemiptera : Pentatomidae)
PADA TANAMAN CAISIN (*Brassica rapa* var. *parachinensis*)

Abstrak

Eurydema pulchrum termasuk ke dalam famili Pentatomidae yang bersifat eksotik. *E. pulchrum* merupakan hama penting yang banyak ditemukan pada tanaman Brassicaceae. Penelitian ini bertujuan untuk mengetahui bioekologi *E. pulchrum* pada salah satu tanaman Brassicaceae yaitu caisin. Penelitian dilaksanakan di Laboratorium Bioekologi Serangga Fakultas Pertanian Universitas Andalas. Penelitian ini berbentuk pengujian eksperimental bioekologi *E. pulchrum* yang diberi pakan tanaman caisin. Hasil penelitian menunjukkan bahwa stadia telur berlangsung 5,02 hari, stadia nimfa berlangsung 20,70 hari dan stadia imago berlangsung 19,42 hari. Lama hidup imago jantan lebih panjang (46,00 hari) dibandingkan imago betina (43,62 hari). Sebanyak 37 imago *E. pulchrum* didapatkan jumlah imago jantan 20 individu dan imago betina 17 individu dengan nisbah kelamin adalah 1,8 : 1. Peletakan telur tertinggi terjadi pada umur imago hari ke-7 sebanyak 202 butir telur (17 kelompok telur) dan peletakan telur terendah terjadi pada umur imago hari ke-14 sebanyak 22 butir telur (2 kelompok telur).

Kata kunci: Bioekologi, eksotik, *Eurydema pulchrum*, Brassicaceae, caisin



BIOECOLOGY ON CABBAGE BUG
(*Eurydema pulchrum* Westwood) (Hemiptera : Pentatomidae)
IN CAISIN PLANTS (*Brassica rapa* var. *parachinensis*)

Abstract

Eurydema pulchrum belongs to a group of the exotic Pentatomidae family. *E. pulchrum* is an important pest found in Brassicaceae plants. This research aimed to determine the bioecology of *E. pulchrum* in one of the Brassicaceae plants, namely caisin. The study was conducted at the Insect Bioecology Laboratory, Faculty of Agriculture, Universitas Andalas. The study was an experimental study to look at the bioecology of *E. pulchrum* fed with caisin plants. The results showed that the average stages of eggs, nymphs, and imago were 5,02 days, 20,70 days, and 19,42 days, respectively. The life span of a male was longer (46,00 days) compared to females (43,62 days). From 37 *E. pulchrum* imago, there were 20 males and 17 females with a sex ratio of 1,8 : 1. The highest egg-laying occurred at the 7th day female of 202 eggs (17 egg groups) and laying the lowest eggs occurred at the age of the 14th-day female as many as 22 eggs (2 groups of eggs).

Keywords: Bioecology, exotic, *Eurydema pulchrum*, Brassicaceae, caisin

