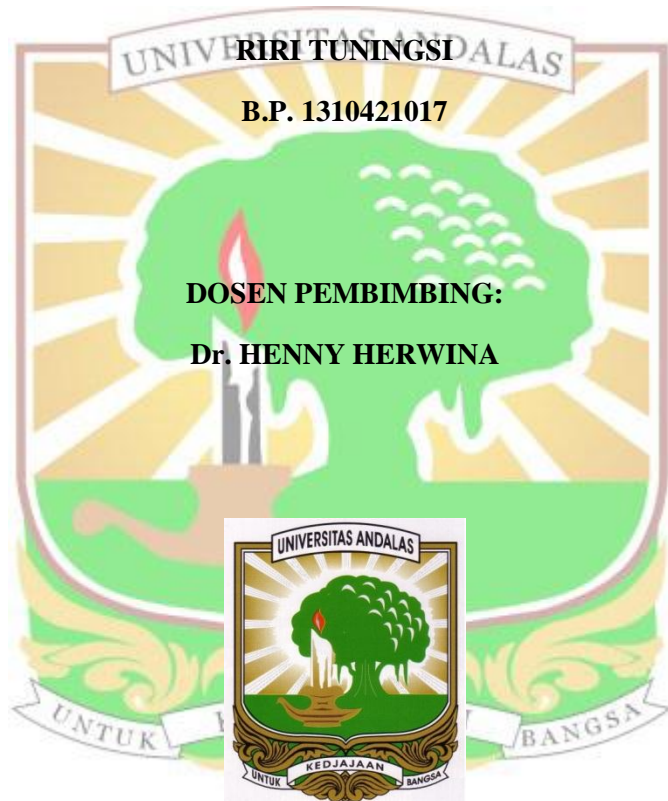


**JENIS - JENIS SEMUT (HYMENOPTERA: FORMICIDAE) DI KAWASAN PT.  
KENCANA SAWIT INDONESIA (KSI) SOLOK SELATAN,  
SUMATERA BARAT**

**SKRIPSI SARJANA BIOLOGI**

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**JURUSAN BIOLOGI**

**FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**

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## ABSTRAK

Penelitian mengenai jenis-jenis semut (Hymenoptera:Formicidae) di kawasan PT. Kencana Sawit Indonesia (KSI) Solok Selatan, Sumatera Barat telah dilakukan pada bulan April sampai dengan November 2017. Penelitian ini bertujuan untuk mengetahui jenis-jenis semut (Hymenoptera:Formicidae) di kawasan PT. Kencana Sawit Indonesia (KSI) Solok Selatan, Sumatera Barat dengan menggunakan metode *Quadra Protocol*. Telah ditemukan sebanyak 40 jenis semut yang terdiri atas 5 subfamili, 10 tribe, 26 genera dan 2366 individu pada ketiga lokasi penelitian. Jenis terbanyak ditemukan pada subfamili Myrmicinae (17 jenis), diikuti subfamili Formicinae (11 jenis), subfamili Ponerinae (9 jenis), subfamili Dolichoderinae (2 jenis) dan subfamili Dorylinae (1 jenis). Jenis terbanyak didapatkan di dalam hutan (25 jenis), selanjutnya di kawasan peralihan (23 jenis) dan jenis paling sedikit didapatkan di kebun sawit (19 jenis).

Kata kunci: *Quadra Protocol*, sawit, semut, Solok Selatan.



## ABSTRACT

The research about ants species (Hymenoptera: Formicidae) in the area of PT. Kencana Sawit Indonesia (KSI) South Solok, West Sumatra had been conducted on April until November 2017. The aim of the research was to know ants species in the area of PT. Kencana Sawit Indonesia (KSI) South Solok, West Sumatra by using *Quadra Protocol* method. A total of 40 ants species that belong to 5 subfamilies, 10 tribes, 26 genera and 2366 individuals were collected in three locations. Myrmicinae was found as subfamili with the highest in the number of species (17 species), followed by Formicinae (11 species), Ponerinae (9 species), Dolichoderinae (2 species) and the lowest one was found in Dorylinae (1 species). The highest number of species was found in forest (25 species), followed by transition location (23 species), meanwhile the lowest number of species was found in the oil-palm plantation location (19 species).

Keywords: ants, oil-palm, *Quadra Protocol*, South Solok.

