

**KEANEKARAGAMAN SERANGGA POLINATOR PADA BUNGA  
TANAMAN TERUNG UNGU (*Solanum melongena* L.) DI  
DESA KOLAM KECAMATAN PERCUT SEI TUAN**

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**ABSTRAK**

Penelitian ini bertujuan untuk melihat keanekaragaman, kelimpahan dan pengaruh habitat terhadap ekologi serangga polinator pada bunga tanaman terung ungu (*Solanum melongena* L.) varietas lokal. Penelitian ini dilakukan pada bulan Januari - Maret 2017. Penelitian ini dilakukan di empat lokasi kebun terung ungu. Dua lokasi berada dekat dengan sawah dan dua lokasi lainnya berada dekat dengan kebun jagung. Dari hasil penelitian didapatkan total 7 spesies serangga polinator dari kedua lokasi yang terdiri dari 2 ordo : Hymenoptera dan Diptera, 4 famili : Apidae, Halictidae, Syrphidae, Stratiomyidae. Serangga polinator yang mendominasi penyerbukan pada bunga tanaman terung ungu (*Solanum melongena* L.) adalah spesies *Xylocopa confusa*. Habitat berpengaruh signifikan terhadap jumlah spesies ( $F = 5.444$  ;  $P = 0.025$ ) sedangkan habitat tidak berpengaruh signifikan terhadap kelimpahan spesies ( $F = 2.187$  ;  $P = 0.147$ ). Waktu pengamatan berpengaruh signifikan terhadap jumlah spesies ( $F = 24.630$  ;  $P = 0.000$ ) dan terhadap kelimpahan spesies ( $F = 29.330$  ;  $P = 0.000$ ). Interaksi antara habitat dan waktu pengamatan berpengaruh secara signifikan terhadap jumlah spesies ( $F = 2.852$  ;  $P = 0.049$ ) dan terhadap kelimpahan spesies ( $F = 4.322$  ;  $P = 0.010$ ).

Kata Kunci: Keanekaragaman, Serangga Polinator, Bunga Tanaman Terung Ungu, Habitat.

**DIVERSITY OF INSECT POLLINATORS IN EGGPLANT FLOWERS  
(*Solanum melongena* L.) AT DESA KOLAM  
KECAMATAN PERCUT SEI TUAN**

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**ABSTRACT**

This study was aims to explain about diversity, abundance and the effect of habitat on the ecology of insect pollinators in Eggplant flower (*Solanum melongena* L.). This survey was conducted between January – March 2017. The observation were carried out in four locations of eggplant garden. Two locations were closed to rice paddy fields and another two were closed to corn farms. The insect pollinators on eggplant flowers were started at 6 a.m until 10 a.m with one hour interval. The results showed that there were 7 species of insect pollinators from the two location which consisting of 2 order : Hymenoptera and Diptera, 4 families : Apidae, Halictidae, Syrphidae, Stratiomyidae. The pollinators species that dominate pollination in eggplant flowers (*Solanum melongena* L.) is *Xylocopa confusa*. Habitat has a significant effect on the number of species ( $F = 5.444$  ;  $P = 0.025$ ) but not on the abundance ( $F = 2.187$  ;  $P = 0.147$ ). The observation time has a significant effect on the number of species ( $F = 24.630$  ;  $P = 0.000$ ) and to abundance ( $F = 29.330$  ;  $P = 0.000$ ). the interaction between habitat and observation time has a significant effect on the number of species ( $F = 2.852$  ;  $P = 0.049$ ) and to species abundance ( $F = 4.322$  ;  $P = 0.010$ ).

Keyword : Diversity, Insect Pollinators, Eggplant Flowers, Habitat.