

ABSTRACT

Erni Parlina, 2021. The Abundance of Species from the Order Hemiptera in the Nyawang Bandung Forest, West Bandung District. Guided by Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. and Drs. Suhara, M.Pd.

*The research on "The Abundance of Species from the Order Hemiptera in the Nyawang Bandung Forest, West Bandung District" was carried out on May 22-23, 2021. This study aimed to obtain information on the abundance of species of the order Hemiptera in the Nyawang Bandung Forest, West Bandung District. The research method used is descriptive method with belt transect design and sampling technique with pit fall trap, hand sorting, beating tray and insect net. Sampling was carried out at 6 stations with 5 squared at each station. The area of the square plot used is $2 \times 10 \text{ m}^2$. The data taken are species data from the order Hemiptera and supporting data for environmental factors. Data analysis includes species abundance data from the order Hemiptera and environmental factors. Identification of samples was carried out at the Biology Laboratory, FKIP, Pasundan University, Bandung. Based on the results of research conducted in the Nyawang Bandung Forest, West Bandung District, 19 species of the order Hemiptera were found, which belong to 4 sub orders, 12 families and 20 genera. A total of 123 individuals of the order Hemiptera were found. The abundance value of the order Hemiptera per station was obtained at station I of 15 individuals/ m^2 , station II of 8 individuals/ m^2 , station III of 15 individuals/ m^2 , station IV of 13 individuals/ m^2 , station V of 16 individuals/ m^2 and station VI of 19 individuals/ m^2 . The highest abundance value per station is at station VI of 19 individuals/ m^2 and the lowest abundance value per station is at station II of 8 individuals/ m^2 . The highest abundance value per species was found in *Deraeocoris lutescens* species, which was 10 individuals/ m^2 , while the lowest abundance value per species was found in 6 other species with a value of 1 individual/ m^2 .*

Keywords: Nyawang Bandung, Abundance, Hemiptera