

ABSTRACT

Wini Agustini. 2018. Arthropod Abundance In Jayagiri Forest Lembang Regency West Bandung. Under guided by Drs. Suhara, M.Pd. as a first Counselor and Dr. Uus Toharudin, M.Pd. as a second Counselor.

This purpose of this research is to measure the abundance of Arthropods in Jayagiri Lembang Forest, West Bandung regency, on natural open forest location and natural forest covered by canopy. The research was done on April 14th – 15th 2018. This research use descriptive method. The research design is Belt Transect – Quadrat. The study consisted of 3 stations with 6 squares per station. The sampling uses the methods of Pit Fall Trap, Beating Tray, Hand Shorting, Insec-net, and Flotation. Out of the observation, In the open natural forest area, it is obtained 113 individuals of Arthropods including 68 species of 3 classes, from 8 orders, 43 families, and 68 genera and in closed natural forest, it is obtained 244 individuals of Arthropods including 64 species of 5 classes, from 13 orders, 46 families and 64 genera. The supporting data measured are environmental factors including air temperature, humidity, light intensity, soil temperature, soil moisture, soil pH. Arthropods species abundance value in Forest Jayagiri Lembang, West Bandung regency of 357 Ind / m².

Keywords : Jayagiri, abundance, arthropods