

ABSTRACT

Jodi Solehudin, 2018. *Distribution and Abundance Jayagiri Pine Forest Coleoptera in Lembang, West Bandung. Guided by. Dr. Uus Toharudin, M. Pd, Drs. Yusuf Ibrahim, M.Pd., MP. and Suhara, M.Pd.*

*Research on "The distribution and abundance of pine forests Jayagiri Coleoptera in Lembang, West Bandung District" was conducted on 14-15 April 2018. The aim of this study was to obtain quantitative information about the patterns of distribution and abundance of Coleoptera in the Pine Forest. The method used is descriptive method with belt transect research design and sampling techniques hand sorting, pit fall traps, insect net and flotation. Research station consists of 5 stations with 6 squares on Jayagiri Pine Forest area by taking a sample of 6 times each research station. Size used squares plot measuring 1m x 1m. Data is taken from data on the number of species of Coleoptera and data supporting environmental factors (temperature, humidity and light intensity). Identification of samples conducted at the Laboratory of Biology, University of Pasundan Bandung FKIP. Data analysis included patterns of distribution and abundance of Coleoptera in the Pine Forest. Pine forest research results show the number of species of Coleoptera found in pine forests as much as 31 species of Coleoptera belonging to the second sub Order, 17 families and 31 genera. Total individuals found as many as 34 individuals. The results showed that the distribution pattern Jayagiri Coleoptera in pine forests show a random pattern for 27 people, pattern uniforms for 6 individual and clumped patterns for one individual. Results showed the abundance of species of Coleoptera per station in get station I with the value of the abundance of 7 individuals / m² then, the station II has a value of abundance of 11 individuals / m², station III has a value of abundance of 12 individuals / station IV has a value of an abundance of 9 individuals / m² and station V has a value of abundance 7 individual/ m². As for the abundance of a species found in species, *Lilioceris cheni* and *Pachyrhinus elegans* with an abundance value is 4 individual / m².*

Keywords : *Jayagiri, Distribution, Abundance, Coleoptera*