

## ABSTRACT

***Mariah Agesti. 2018. The Diversity of Insecta in Jayagiri Pine Forest, West Bandung. Advisors: Drs. Suhara, M.Pd and Iwan Setia Kurniawan, S.Pd., M.Pd.***

*This research aims to obtain data on the diversity of Insecta in Pine Forest Jayagiri Lembang, West Bandung. The research was conducted on 14<sup>th</sup> -15<sup>th</sup> of April 2018. The method used in this research is descriptive method with design belt transect consisting of 5 stations with a length of 100 meters and the distance between stations is 25 meter. The stations consists of 6 squares with an area of 1x1 meters. To obtain a type of Insecta in Lembang Jayagiri Pine Forest used several sampling techniques include pit fall traps, hand sorting, insect net and flotation. The secondary data measured in this study is the environment factors that include air temperature, humidity and light intensity. Insecta obtained then identified in the laboratory of Biologi FKIP UNPAS. The results were obtained 82 species Insecta belonging into 10 orders, 43 families and 70 genera. The 10 orders were found is the Blattodea, Coleoptera, Dermaptera, Diptera, Hemiptera, Hymenoptera, Lepidoptera, Neuropteran, Orthoptera and Phasmatodea. Insecta species mostly came from the order Coleoptera are 32 species. The overall diversity index of Insecta in Pine Forest Jayagiri Lembang is 2.73, it is mean the diversity of Insecta in Pine Forest Jayagiri Lembang belonging into medium category.*

***Key words: Diversity, Insecta, Pine Forest Jayagiri***