

## **ABSTRACT**

**Denis Maharditia Agata, 2019. Diversity of Insect Types Diptera Order in Kehati Kiara Payung Park, Sumedang Regency. Supervised by Dr. rer. nat. H. Ama Rustama, M.Sc. and Dra. Hj. Lilis Suhaerah, M.Kes.**

*Research on "Diversity of Insect Types Diptera Order in Kehati Kiara Payung Park, Sumedang Regency" was conducted in June 2019. This study aims to obtain data on the diversity of species of insects of the Diptera order in the Kehati Kiara Payung Park in Sumedang Regency. The research method used descriptive method with belt transect research design and Pit Fall Trap, Insect Net, Beating Tray and Hand Sorting sampling techniques.. Sample identification was carried out at the Biology Laboratory, FKIP, Pasundan University, Bandung. Obtained three Sub-Orders, 12 families, 17 genera and 19 species that are Acinia corniculata, Chrysomya megacephala, Cladochaeta inversa, Clephyroneura becker, Culex annulirostis, Dilophus febrilis, Dolichozeza walleyi, Drosophila phalerata, Drosophila sp., Episyrrhus balteatus, Eumerus strigatus, Hebcnema nigricolor, Helina abdominalis, Leucophenga maculata, Mimegralla fuelleborni, Muscina stabulans, Phaonia subventa, Ravinia sp, Sapromyza sp. Supporting data measured are environmental factors which include air temperature, humidity and light intensity. Air temperatures range from 19,75 to 27,50 °C, humidity ranges from 45,00 to 75,83 % and light intensity has a range between 1568,67 to 9152,08 lux. Index value of the diversity of the Diptera order species listed in the Kehati Kiara Payung Park, Sumedang Regency included in the medium category.*

**Keywords: Diversity, Diptera Order, Kehati Park**