

ABSTRACT

Shiva Fatimah Putri Dea Ismy, 2022. Abundance of Insect of the Order Hemiptera in the Area of Ciwidey Pine Forest Land Conversion, Bandung Regency. Guided by Drs. Suhara, M. Pd. and Cita Tresnawati, M. Pd.

Hemiptera is one of the insect orders which existence is vulnerable to environmental changes, including land use change. The purpose of this study was to determine the abundance and variety of insects of the order Hemiptera in the Area of Ciwidey Pine Forest Land Conversion, Bandung Regency. The research method used in this study is descriptive method, to describe the abundance of the Hemiptera order factually according to what was investigated in the field. Sampling was carried out using several methods including pitfall traps, insect nets, hand sorting, and beating tray. The results showed that the abundance value of Hemiptera in the Area of Ciwidey Pine Forest Land Conversion, Bandung Regency was 43 Ind/m² with 86 individuals, classified into 6 familia; 14 genus, and 14 identified species. The abundance of Hemiptera in the Area of Ciwidey Pine Forest Land Conversion, Bandung Regency is influenced by climatic factors, land conversion, variety of vegetation, and the availability of food sources.

Keywords: *Abundance, Hemiptera, land conversion, pine forest.*