

ABSTRACT

Rania Khusnul Hasanah Sidik. 2022. The abundance of Insects of the Order Hymenoptera in the Area of Ciwidey Pine Forest Land Conversion, Bandung Regency. Guided by Drs. Suhara, M.Pd. and Cita Tresnawati, S.Pd.,M.Pd.

*Hymenoptera has an unreplaced role in the balance of the ecosystem. Its presence in the ecosystem can detect the quality of the environment because insects act as bioindicator agents. Land conversion activities would affect environmental biotic and abiotic factors, one of which is insects of the order Hymenoptera. This study aims to obtain information on the abundance and types of species of the order Hymenoptera found in the Ciwidey Pine Forest Land Conversion Area, Bandung Regency with descriptive research methods. This study's sampling method uses insect nets, pitfall traps, beating trays, and hand sorting in each quadrant made with a belt transect design. The results showed that the abundance of insects of the order Hymenoptera in the Ciwidey Pine Forest Land Conversion Area, Bandung Regency was 42 individuals/m² with the highest species abundance are *Dolichoderus scabridus*, *Solenopsis invicta* and *Paratrechina longicornis*. The abundance of insects of the order Hymenoptera in the Ciwidey Pine Forest Land Conversion Area is affected by climatic factors, also known as land conversion activities.*

Keywords: *Abundance, Hymenoptera, Land Conversion*