

ABSTRACT

Mayang Sri Rizqia. 2021. The Abundance Of Species From The Order Orthoptera In The Nyawang Bandung Forest, West Bandung Districta. Supervised by Prof. Dr. H. Toto Sutarto Gani Utari, M. Pd. and Drs. Suhara, M.Pd.

Order Orthoptera is one part of the food chain and as a reformer of organic material from plants and fungi. The purpose of this study was to analyze what species were found and obtain information about the abundance of the Orthoptera order in the Nyawang Forest, Bandung, West Bandung Regency. The method used is descriptive method and the one used for sampling is Belt Transect. Sampling in each quadrant was done by means of insect net, hand sorting, pitfall trap and beating tray. The results showed that there were 232 species of Orthoptera which were included in two sub-orders, four families, 14 genera and 14 species identified. the lowest species per station was found at station V of eight individuals/m². Meanwhile, the highest abundance of each species is the species Acheta domesticus with an abundance value of 23 individuals/m², while the lowest abundance of each species with a value of one individual/m² is four species, namely Eunemobius carolinus, Conocephalus sp, Camptonotus carolinensis and Meconema sp. Research data is used as a source of learning biology in the form of teaching materials on biodiversity material that represents the material studied in high school.

Key words : Gryllidae, Forest, Food chain, Insect, Order Orthoptera is