

ABSTRACT

Silvy Niswaturrohmah Ramdani. 2024. Diversity of Broadleaf Underplants in the Cimanggu Nature Tourism Park Area, West Java. Thesis. Department of Biology Education. Faculty of Teacher Training and Education. Pasundan University, Bandung. Supervisor I Dr. Yusuf Ibrahim, M. Pd., M. P., Supervisor II Gurnita, S. Si., M. P.

*The development of the Cimanggu Nature Tourism Park area, West Java as an ecotourism allows a decrease in the diversity of broadleaf understory plants due to tourist activities. The purpose of this study is to Determine the Diversity of Broadleaf Underwater Plants in the Cimanggu Nature Tourism Park Area, West Java. The method used is descriptive with a Belt Transect research design. Sampling was carried out using the purposive sampling technique. Based on the results of research conducted on the CV block. Amanah 19 has been identified as many as 24 species, 15 orders, 17 families, and 22 genera. The diversity index (H') obtained at the study site was 1,702 indicating that diversity was moderate. Important Value Index (INP) of broad-leaved underplants in the Nature Tourism Park area in the CV block. Amanah 19 is the species *Eupatorium riparium* (Reg.) with an INP value of 145.199%, *Solanum pseudocapsicum* (Carl.) with an INP value of 27.716%, *Dichroa febrifuga* (Lour.) with a value of 20.777%, and *Lasianthus laceolantus* (Miq.) with an INP value of 18.849% so that the species is considered able to adapt to its environment because of its abundance and high distribution and has the most important ecological value in the ecosystem. Environmental factors are factors that greatly affect the growth of vegetation.*

Keywords : Diversity, Broad-leaved Bottom Plants, TWA Cimanggu